

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF102618\  
 Data File : VF060514.D  
 Acq On : 26 Oct 2018 11:01  
 Operator : VA/AP  
 Sample : VSTDICV050  
 Misc : 5.00/5mL/MSVOA F/SOIL  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 ICSVVF102518

Manual Integrations  
 APPROVED

apatel  
 10/29/2018 12:11:54 PM

Quant Time: Oct 27 02:03:27 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F102518S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Oct 26 02:17:41 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.03  | 168  | 236315   | 50.00 | ug/l  | -0.02    |
| 34) 1,4-Difluorobenzene    | 5.76  | 114  | 378533   | 50.00 | ug/l  | -0.01    |
| 63) Chlorobenzene-d5       | 9.91  | 117  | 326397   | 50.00 | ug/l  | -0.01    |
| 72) 1,4-Dichlorobenzene-d4 | 12.63 | 152  | 183344   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 5.01  | 65   | 206987   | 44.07  | ug/l   | -0.01    |
| Spiked Amount               |       |      |          | 50.000 |        |          |
|                             |       |      | Recovery | =      | 88.14% |          |
| 35) Dibromofluoromethane    | 4.28  | 113  | 192994   | 42.53  | ug/l   | -0.01    |
| Spiked Amount               |       |      |          | 50.000 |        |          |
|                             |       |      | Recovery | =      | 85.06% |          |
| 50) Toluene-d8              | 7.70  | 98   | 453848   | 49.84  | ug/l   | -0.01    |
| Spiked Amount               |       |      |          | 50.000 |        |          |
|                             |       |      | Recovery | =      | 99.68% |          |
| 62) 4-Bromofluorobenzene    | 11.50 | 95   | 202354   | 39.90  | ug/l   | -0.01    |
| Spiked Amount               |       |      |          | 50.000 |        |          |
|                             |       |      | Recovery | =      | 79.80% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 0.99 | 85   | 217461   | 37.405  | ug/l   | 89     |
| 3) Chloromethane              | 1.13 | 50   | 137628   | 46.088  | ug/l # | 83     |
| 4) Vinyl Chloride             | 1.18 | 62   | 147127   | 42.687  | ug/l   | 100    |
| 5) Bromomethane               | 1.36 | 94   | 129632   | 37.344  | ug/l   | 93     |
| 6) Chloroethane               | 1.43 | 64   | 87513    | 40.961  | ug/l   | 96     |
| 7) Trichlorofluoromethane     | 1.54 | 101  | 410252   | 37.186  | ug/l   | 98     |
| 8) Diethyl Ether              | 1.69 | 74   | 47673    | 46.333  | ug/l   | 90     |
| 9) 1,1,2-Trichlorotrifluoroet | 1.89 | 101  | 188379   | 40.311  | ug/l   | 94     |
| 10) Methyl Iodide             | 1.96 | 142  | 281140m  | 42.579  | ug/l   |        |
| 11) Tert butyl alcohol        | 2.67 | 59   | 46871    | 213.939 | ug/l # | 83     |
| 12) 1,1-Dichloroethene        | 1.85 | 96   | 142520   | 42.361  | ug/l   | 76     |
| 13) Acrolein                  | 2.08 | 56   | 48198    | 230.717 | ug/l   | 92     |
| 14) Allyl chloride            | 2.18 | 41   | 244152   | 45.337  | ug/l   | 90     |
| 15) Acrylonitrile             | 3.06 | 53   | 91046    | 240.802 | ug/l # | 86     |
| 16) Acetone                   | 2.33 | 43   | 257547   | 281.062 | ug/l   | 98     |
| 17) Carbon Disulfide          | 1.83 | 76   | 395177m  | 42.869  | ug/l   |        |
| 18) Methyl Acetate            | 2.44 | 43   | 70252    | 45.546  | ug/l   | 98     |
| 19) Methyl tert-butyl Ether   | 2.52 | 73   | 352463   | 41.853  | ug/l   | 98     |
| 20) Methylene Chloride        | 2.27 | 84   | 136958m  | 47.805  | ug/l   |        |
| 21) trans-1,2-Dichloroethene  | 2.40 | 96   | 141721   | 44.158  | ug/l   | 84     |
| 22) Diisopropyl ether         | 2.91 | 45   | 429753   | 44.992  | ug/l   | 93     |
| 23) Vinyl Acetate             | 3.32 | 43   | 714638   | 236.533 | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 2.99 | 63   | 315272   | 43.283  | ug/l   | 99     |
| 25) 2-Butanone                | 4.49 | 43   | 244237   | 292.813 | ug/l   | 97     |
| 26) 2,2-Dichloropropane       | 3.74 | 77   | 210811   | 43.759  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 3.62 | 96   | 160228   | 52.304  | ug/l   | 88     |
| 28) Bromochloromethane        | 3.87 | 49   | 98538    | 45.976  | ug/l # | 89     |
| 29) Tetrahydrofuran           | 4.23 | 42   | 79510    | 274.401 | ug/l   | 96     |
| 30) Chloroform                | 4.02 | 83   | 373533   | 44.465  | ug/l   | 88     |
| 31) Cyclohexane               | 3.85 | 56   | 181245   | 50.393  | ug/l   | 86     |
| 32) 1,1,1-Trichloroethane     | 4.26 | 97   | 329482   | 42.482  | ug/l   | 94     |
| 36) 1,1-Dichloropropene       | 4.44 | 75   | 236715   | 42.253  | ug/l   | 93     |
| 37) Ethyl Acetate             | 4.27 | 43   | 78929    | 51.337  | ug/l # | 95     |
| 38) Carbon Tetrachloride      | 4.16 | 117  | 367705   | 43.373  | ug/l   | 97     |

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 Sample : VSTDICV050  
 Misc : 5.00/5mL/MSVOA F/SOIL  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 ICVVF102518

Manual Integrations  
 APPROVED

apatel  
 10/29/2018 12:11:54 PM

Quant Time: Oct 27 02:03:27 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F102518S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Oct 26 02:17:41 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| -----                          |       |      |          |         |        |          |
| 39) Methylcyclohexane          | 5.62  | 83   | 223590   | 48.903  | ug/l # | 79       |
| 40) Benzene                    | 4.80  | 78   | 437258   | 47.438  | ug/l   | 96       |
| 41) Methacrylonitrile          | 4.91  | 41   | 46079    | 49.053  | ug/l # | 93       |
| 42) 1,2-Dichloroethane         | 5.11  | 62   | 234590   | 39.373  | ug/l   | 96       |
| 43) Isopropyl Acetate          | 7.10  | 43   | 90443    | 46.843  | ug/l # | 96       |
| 44) Trichloroethene            | 5.66  | 130  | 147617   | 45.903  | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 6.39  | 63   | 116897   | 50.083  | ug/l   | 98       |
| 46) Dibromomethane             | 6.24  | 93   | 94900    | 43.328  | ug/l   | 99       |
| 47) Bromodichloromethane       | 6.53  | 83   | 257840   | 41.961  | ug/l   | 95       |
| 48) Methyl methacrylate        | 6.86  | 41   | 67565    | 46.422  | ug/l   | 91       |
| 49) 1,4-Dioxane                | 6.85  | 88   | 12201    | 972.954 | ug/l # | 87       |
| 51) 4-Methyl-2-Pentanone       | 8.39  | 43   | 345875   | 229.316 | ug/l   | 96       |
| 52) Toluene                    | 7.77  | 92   | 280949   | 46.354  | ug/l   | 95       |
| 53) t-1,3-Dichloropropene      | 8.42  | 75   | 194230   | 42.688  | ug/l   | 94       |
| 54) cis-1,3-Dichloropropene    | 7.44  | 75   | 217383   | 46.380  | ug/l   | 90       |
| 55) 1,1,2-Trichloroethane      | 8.62  | 97   | 88475    | 46.110  | ug/l   | 91       |
| 56) Ethyl methacrylate         | 8.75  | 69   | 100661   | 49.185  | ug/l # | 85       |
| 57) 1,3-Dichloropropane        | 8.99  | 76   | 143154   | 42.603  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether  | 7.77  | 63   | 56143    | 198.385 | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.62  | 43   | 247085   | 254.663 | ug/l   | 97       |
| 60) Dibromochloromethane       | 8.85  | 129  | 158758   | 43.567  | ug/l   | 97       |
| 61) 1,2-Dibromoethane          | 9.13  | 107  | 97990    | 42.954  | ug/l   | 100      |
| 64) Tetrachloroethene          | 8.30  | 164  | 128311   | 46.633  | ug/l   | 89       |
| 65) Chlorobenzene              | 9.93  | 112  | 327596   | 47.742  | ug/l   | 94       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.06 | 131  | 157945   | 44.466  | ug/l   | 97       |
| 67) Ethyl Benzene              | 10.02 | 91   | 638614   | 45.574  | ug/l   | 100      |
| 68) m/p-Xylenes                | 10.26 | 106  | 398630   | 90.616  | ug/l   | 93       |
| 69) o-Xylene                   | 10.82 | 106  | 228042   | 46.212  | ug/l   | 92       |
| 70) Styrene                    | 10.89 | 104  | 316964   | 46.009  | ug/l   | 94       |
| 71) Bromoform                  | 10.88 | 173  | 77899    | 41.216  | ug/l # | 100      |
| 73) Isopropylbenzene           | 11.22 | 105  | 771831   | 52.994  | ug/l   | 100      |
| 74) N-amyl acetate             | 11.45 | 43   | 142795   | 55.209  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.78 | 83   | 114878   | 54.740  | ug/l   | 96       |
| 76) 1,2,3-Trichloropropane     | 11.88 | 75   | 86752    | 47.347  | ug/l   | 96       |
| 77) Bromobenzene               | 11.59 | 156  | 155856   | 51.327  | ug/l   | 93       |
| 78) n-propylbenzene            | 11.68 | 91   | 861941   | 50.621  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.81 | 91   | 514923   | 49.902  | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene     | 11.91 | 105  | 640487   | 50.074  | ug/l   | 94       |
| 81) trans-1,4-Dichloro-2-buten | 11.95 | 75   | 37603m   | 48.789  | ug/l   |          |
| 82) 4-Chlorotoluene            | 11.99 | 91   | 518654   | 47.572  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 12.21 | 119  | 648710   | 50.209  | ug/l   | 91       |
| 84) 1,2,4-Trimethylbenzene     | 12.28 | 105  | 630032   | 49.691  | ug/l   | 93       |
| 85) sec-Butylbenzene           | 12.38 | 105  | 849777   | 49.007  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.53 | 119  | 724573   | 49.185  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.55 | 146  | 312152   | 50.577  | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene        | 12.64 | 146  | 299152   | 50.038  | ug/l   | 96       |
| 89) n-Butylbenzene             | 12.91 | 91   | 766728   | 48.929  | ug/l   | 97       |
| 90) Hexachloroethane           | 12.99 | 117  | 191757   | 49.608  | ug/l   | 86       |
| 91) 1,2-Dichlorobenzene        | 13.01 | 146  | 298864   | 50.489  | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.71 | 75   | 27318    | 51.064  | ug/l   | 72       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF102618\  
Data File : VF060514.D  
Acq On : 26 Oct 2018 11:01  
Operator : VA/AP  
Sample : VSTDICV050  
Misc : 5.00/5mL/MSVOA F/SOIL  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
MSVOA\_F  
ClientSampleId :  
ICVVF102518

Manual Integrations  
APPROVED

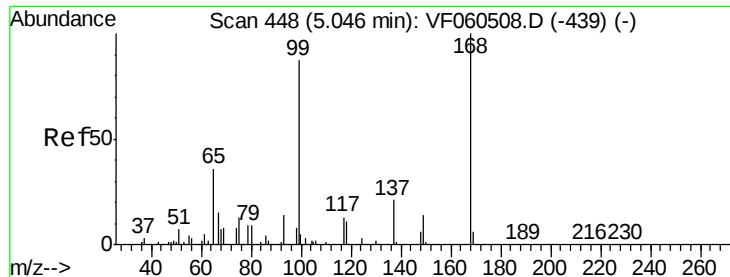
apatel  
10/29/2018 12:11:54 PM

Quant Time: Oct 27 02:03:27 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_F\METHODS\82F102518S.M  
Quant Title : SW846 8260  
QLast Update : Fri Oct 26 02:17:41 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.26 | 180  | 230647   | 47.854 | ug/l  | 93       |
| 94) Hexachlorobutadiene    | 14.25 | 225  | 175768   | 48.759 | ug/l  | 95       |
| 95) Naphthalene            | 14.52 | 128  | 413038   | 54.333 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.66 | 180  | 219330   | 49.473 | ug/l  | 98       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 446

Delta R.T. -0.02 min

Lab File: VF060514.D

Acq: 26 Oct 2018 11:01

Instrument :

MSVOA\_F

ClientSampleId :

ICVVF102518

Tot Ion:168 Resp: 236315

Ion Ratio Lower Upper

168 100

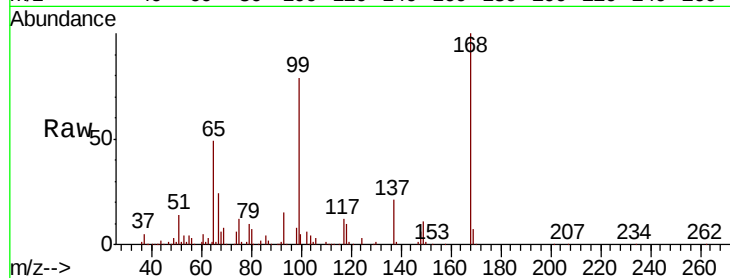
99 79.5 69.9 104.9

Manual Integrations

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

80000

60000

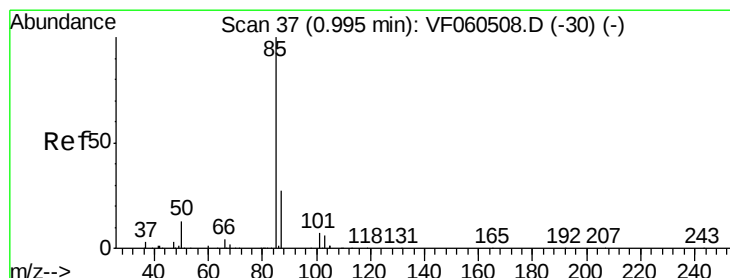
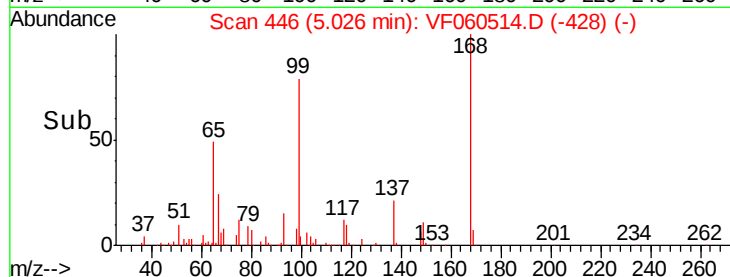
40000

20000

0

4.90 5.03 5.10 5.20

Time-->



#2

Dichlorodifluoromethane

Concen: 37.405 ug/l

RT: 0.99 min Scan# 37

Delta R.T. 0.00 min

Lab File: VF060514.D

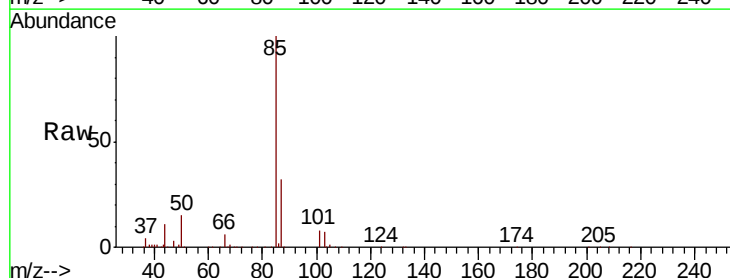
Acq: 26 Oct 2018 11:01

Tgt Ion: 85 Resp: 217461

Ion Ratio Lower Upper

85 100

87 32.4 13.5 40.4



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

80000

60000

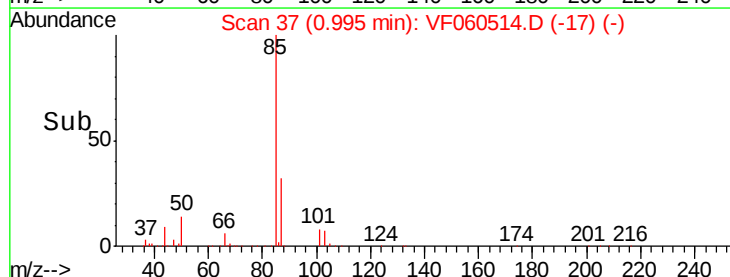
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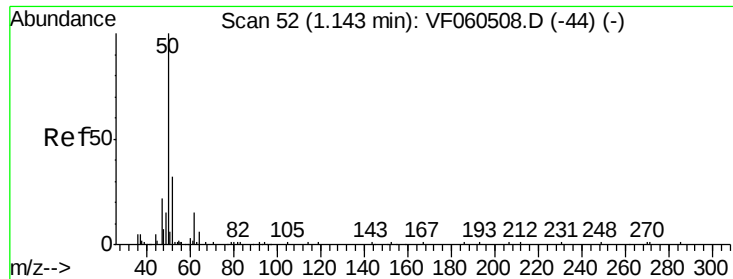
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0.90 0.99 1.10 1.20

Time-->





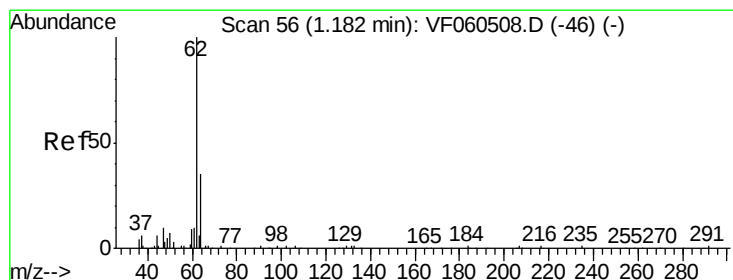
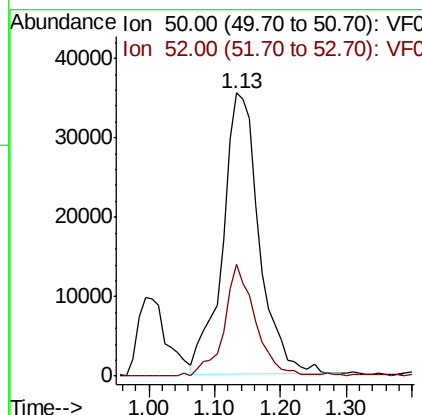
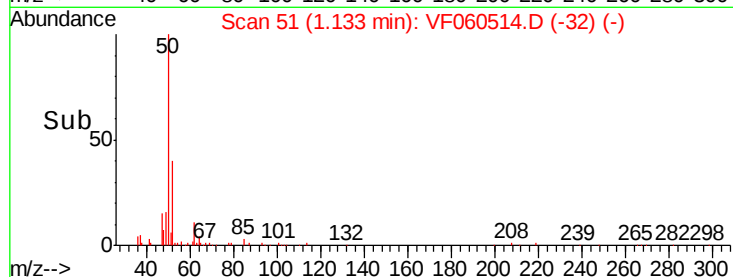
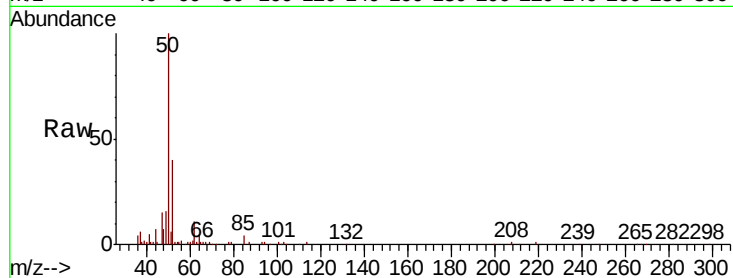
#3  
Chloromethane  
Concen: 46.088 ug/l  
RT: 1.13 min Scan# 51  
Delta R.T. -0.01 min  
Lab File: VF060514.D  
Acq: 26 Oct 2018 11:01

Instrument :  
MSVOA\_F  
ClientSampleId :  
ICVVF102518

| Tot Ion   | 50   | Resp  | 137628 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 52        | 39.7 | 24.5  | 36.7#  |

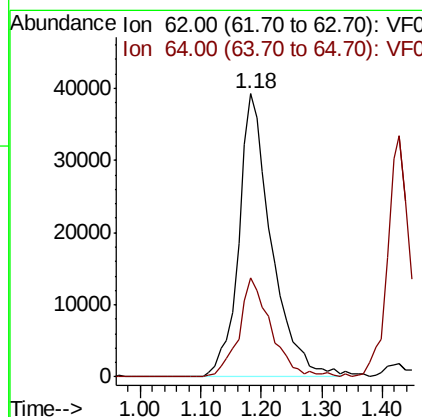
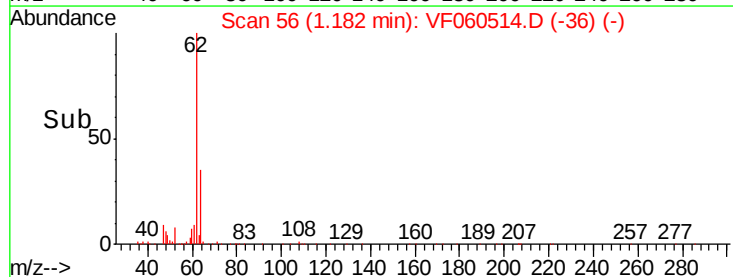
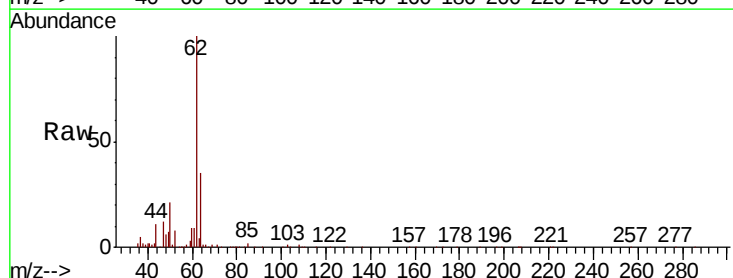
Manual Integrations  
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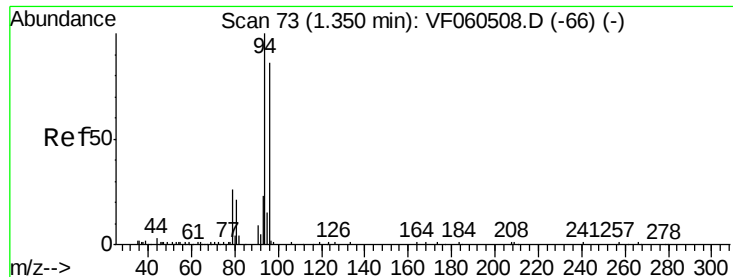
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#4  
Vinyl Chloride  
Concen: 42.687 ug/l  
RT: 1.18 min Scan# 56  
Delta R.T. -0.00 min  
Lab File: VF060514.D  
Acq: 26 Oct 2018 11:01

| Tgt Ion   | 62   | Resp  | 147127 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 64        | 35.0 | 27.8  | 41.8   |





#5

Bromomethane

Concen: 37.344 ug/l

RT: 1.36 min Scan# 74

Delta R.T. 0.01 min

Lab File: VF060514.D

Acq: 26 Oct 2018 11:01

Instrument :

MSVOA\_F

ClientSampleId :

ICVVF102518

Tot Ion: 94 Resp: 129632

Ion Ratio Lower Upper

94 100

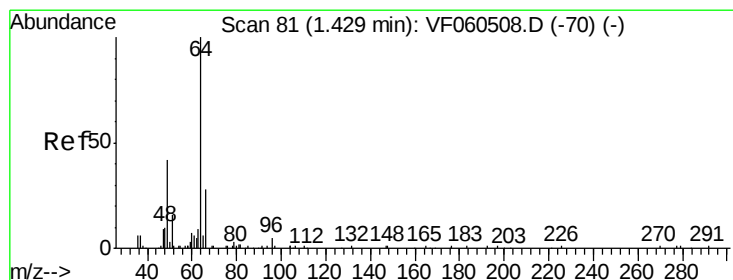
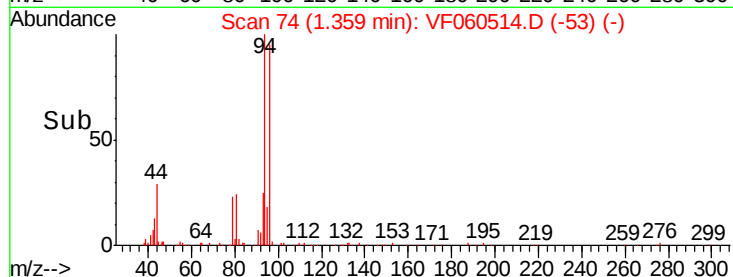
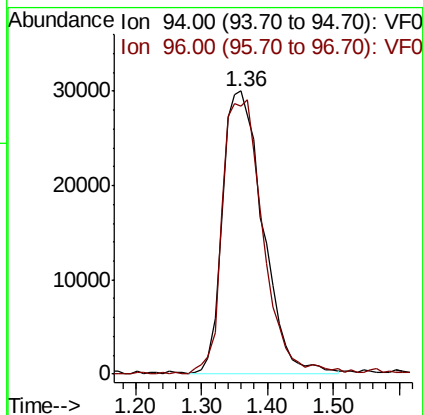
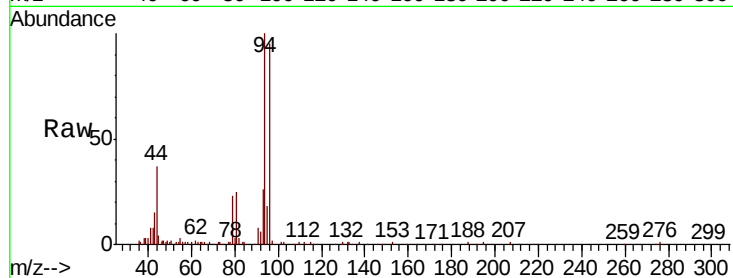
96 94.9 70.6 105.8

Manual Integrations

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#6

Chloroethane

Concen: 40.961 ug/l

RT: 1.43 min Scan# 81

Delta R.T. 0.00 min

Lab File: VF060514.D

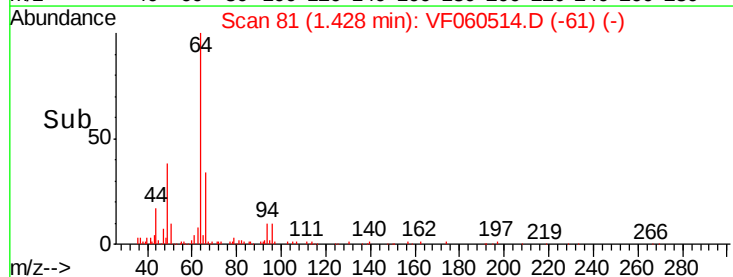
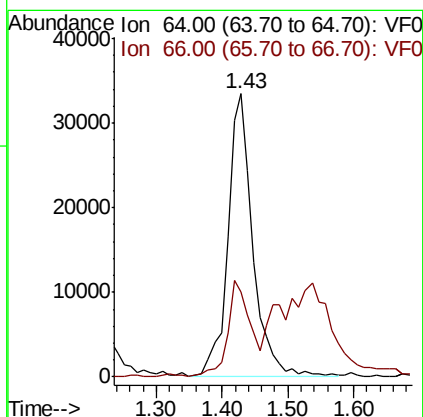
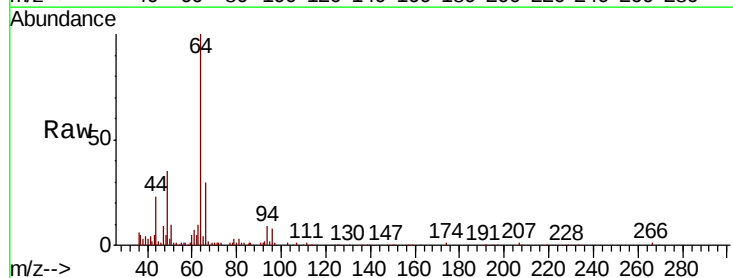
Acq: 26 Oct 2018 11:01

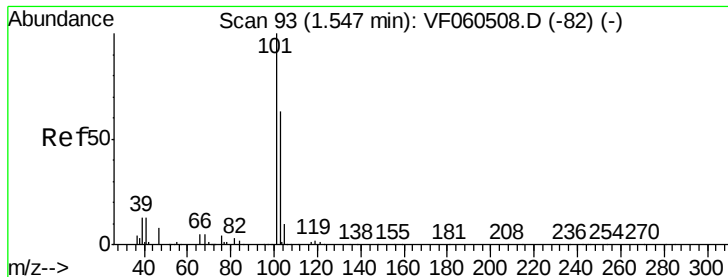
Tgt Ion: 64 Resp: 87513

Ion Ratio Lower Upper

64 100

66 30.2 22.4 33.6





#7

Trichlorofluoromethane

Concen: 37.186 ug/l

RT: 1.54 min Scan# 92

Delta R.T. -0.01 min

Lab File: VF060514.D

Acq: 26 Oct 2018 11:01

Instrument :

MSVOA\_F

ClientSampleId :

ICVVF102518

Tot Ion:101 Resp: 410252

Ion Ratio Lower Upper

101 100

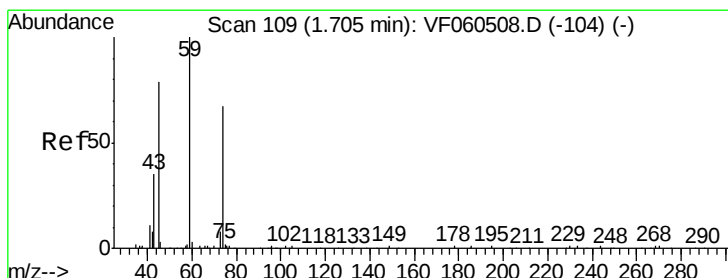
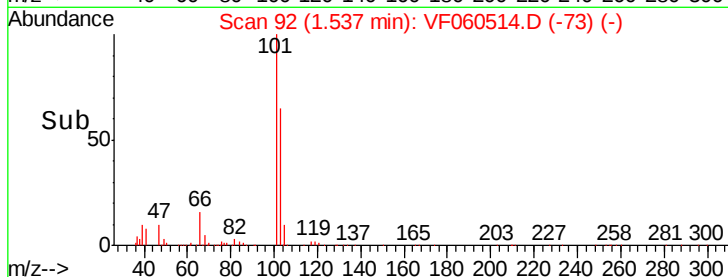
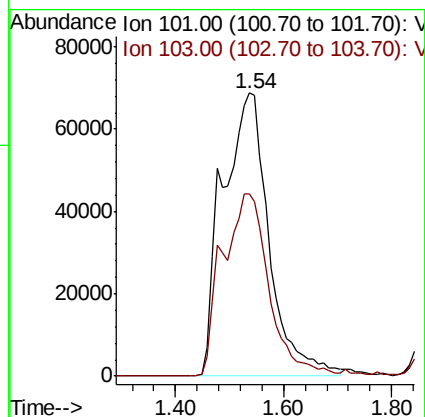
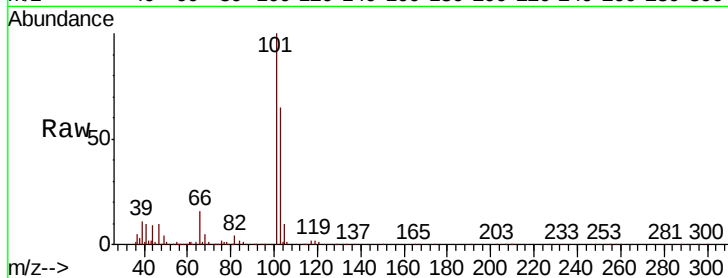
103 64.6 50.4 75.6

Manual Integrations

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#8

Diethyl Ether

Concen: 46.333 ug/l

RT: 1.69 min Scan# 108

Delta R.T. -0.01 min

Lab File: VF060514.D

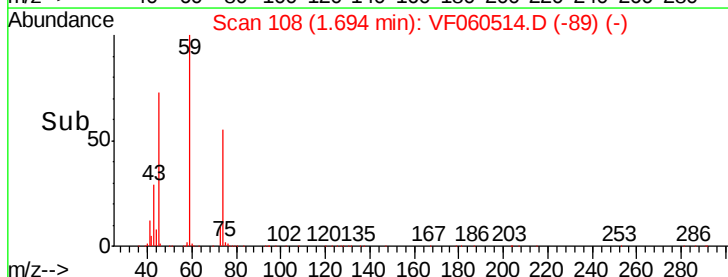
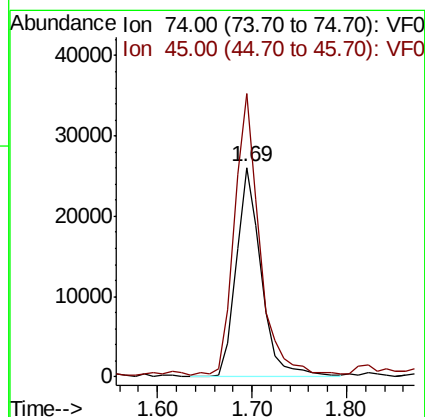
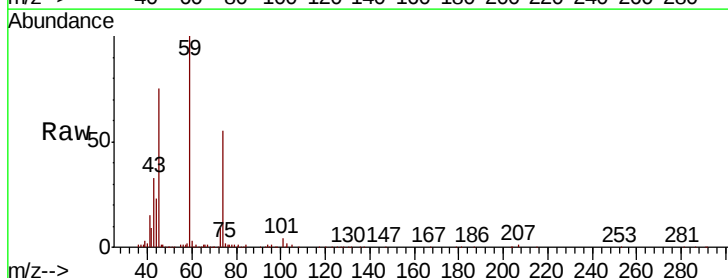
Acq: 26 Oct 2018 11:01

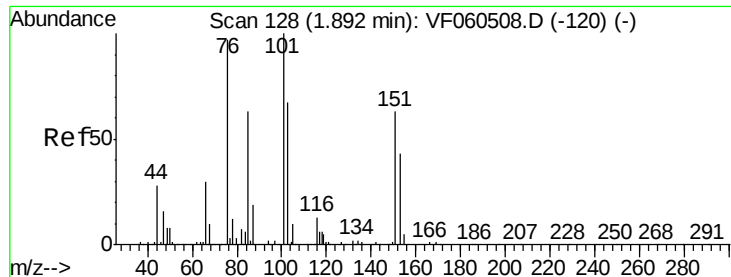
Tgt Ion: 74 Resp: 47673

Ion Ratio Lower Upper

74 100

45 135.0 62.1 186.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 40.311 ug/l

RT: 1.89 min Scan# 128

Delta R.T. 0.00 min

Lab File: VF060514.D

Acq: 26 Oct 2018 11:01

Instrument :

MSVOA\_F

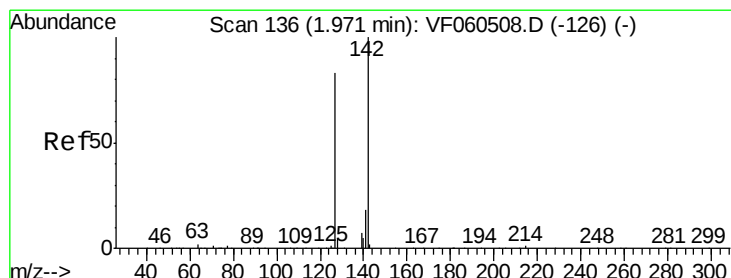
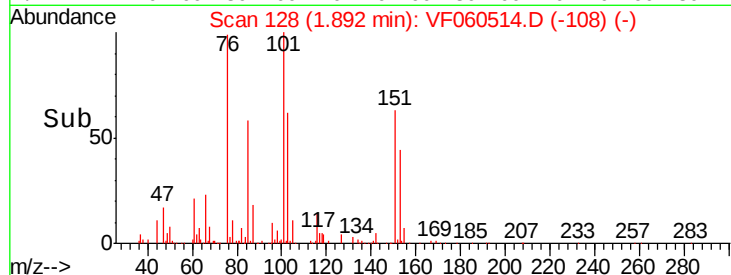
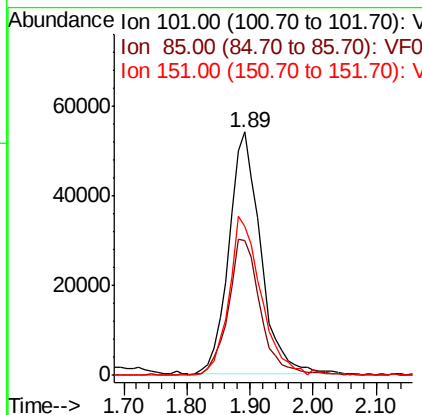
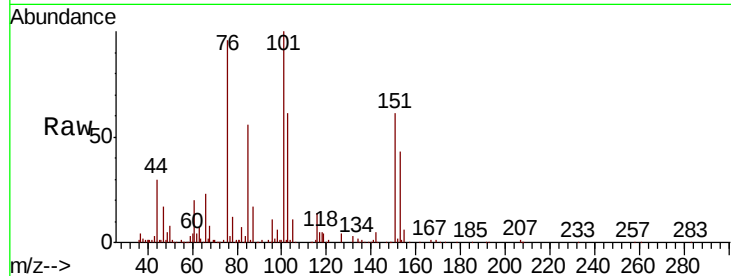
ClientSampleId :

ICVVF102518

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 188379 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 55.6  | 49.9  | 74.9   |
| 151       | 61.0  | 50.6  | 76.0   |

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#10

Methyl Iodide

Concen: 42.579 ug/l m

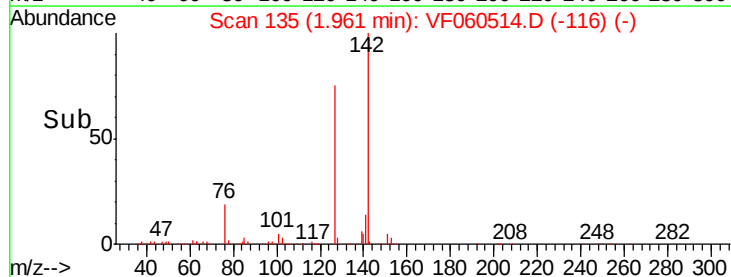
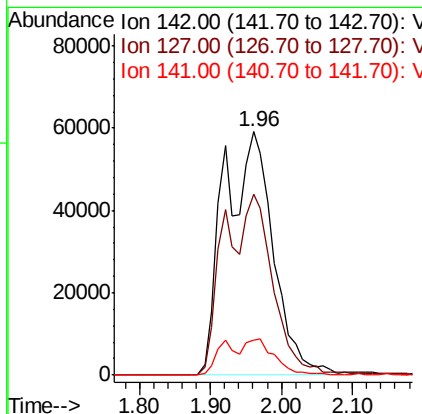
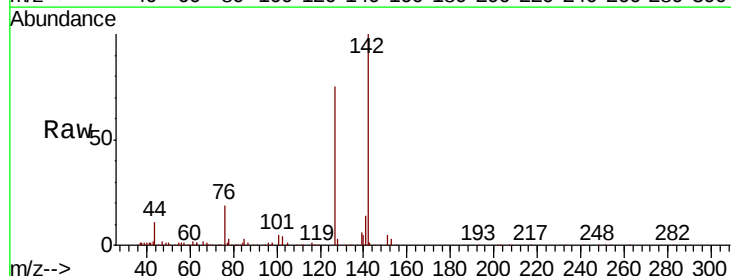
RT: 1.96 min Scan# 135

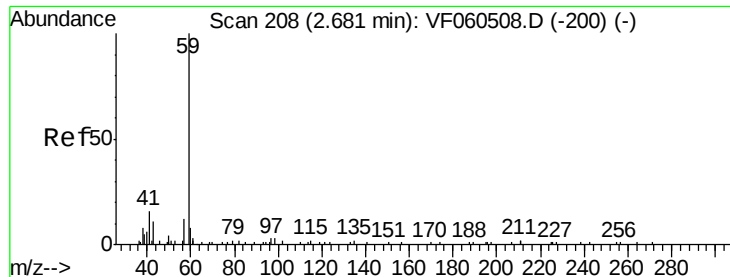
Delta R.T. -0.01 min

Lab File: VF060514.D

Acq: 26 Oct 2018 11:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 281140 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 74.5  | 66.5  | 99.7   |
| 141       | 14.5  | 14.2  | 21.4   |





#11

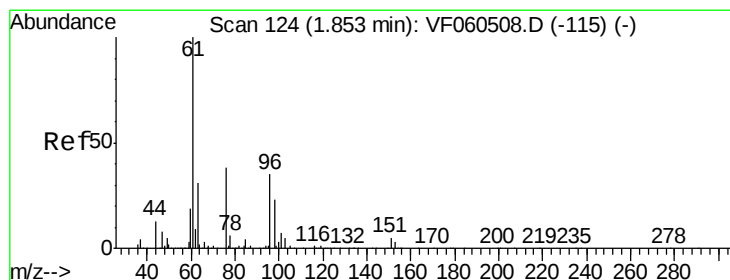
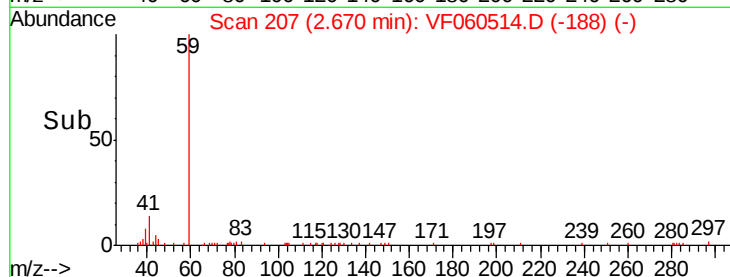
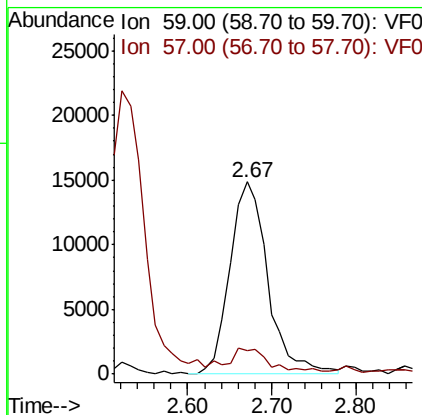
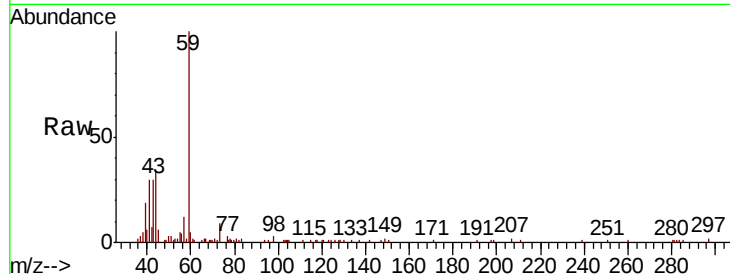
Tert butyl alcohol  
Concen: 213.939 ug/l  
RT: 2.67 min Scan# 207  
Delta R.T. -0.01 min  
Lab File: VF060514.D  
Acq: 26 Oct 2018 11:01

Instrument :  
MSVOA\_F  
ClientSampleId :  
ICVVF102518

| Tot Ion   | 59   | Resp  | 46871 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 57        | 12.0 | 15.8  | 23.8# |

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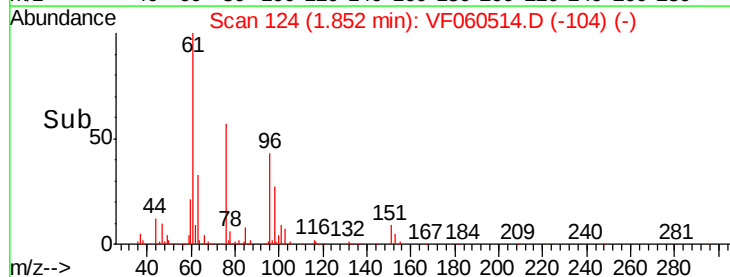
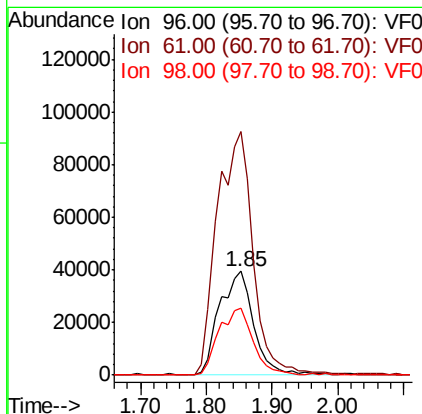
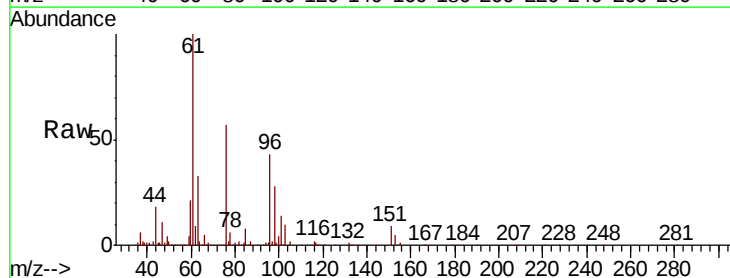
apatel  
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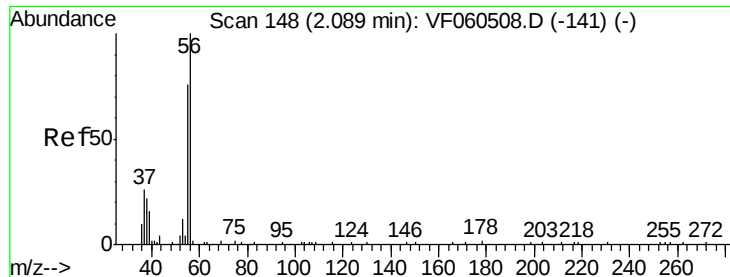


#12

1,1-Dichloroethene  
Concen: 42.361 ug/l  
RT: 1.85 min Scan# 124  
Delta R.T. -0.00 min  
Lab File: VF060514.D  
Acq: 26 Oct 2018 11:01

| Tgt Ion   | 96    | Resp  | 142520 |
|-----------|-------|-------|--------|
| Ion Ratio | 100   | Lower | Upper  |
| 61        | 234.1 | 231.4 | 347.0  |
| 98        | 64.5  | 53.3  | 79.9   |





#13

Acrolein

Concen: 230.717 ug/l

RT: 2.08 min Scan# 147

Delta R.T. -0.01 min

Lab File: VF060514.D

Acq: 26 Oct 2018 11:01

Instrument :

MSVOA\_F

ClientSampleId :

ICVVF102518

Tot Ion: 56 Resp: 48198

Ion Ratio Lower Upper

56 100

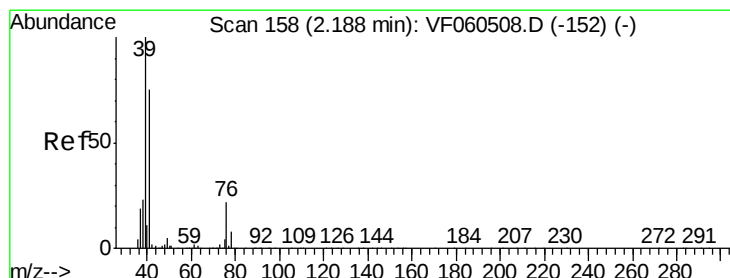
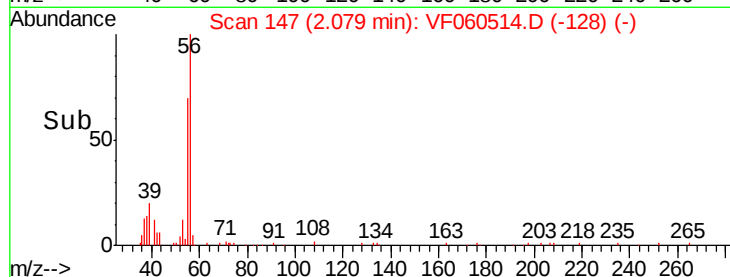
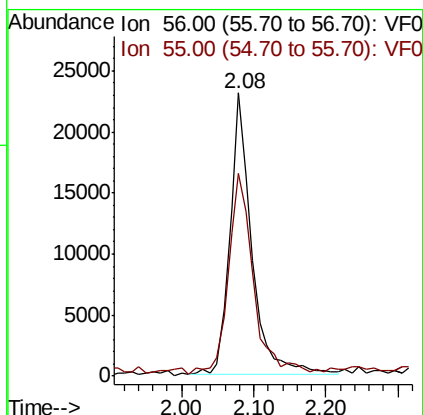
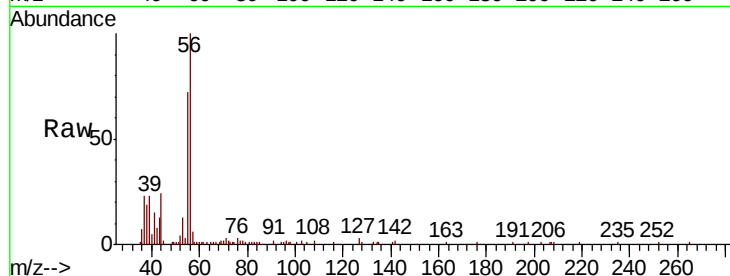
55 71.8 63.0 94.4

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#14

Allyl chloride

Concen: 45.337 ug/l

RT: 2.18 min Scan# 157

Delta R.T. -0.01 min

Lab File: VF060514.D

Acq: 26 Oct 2018 11:01

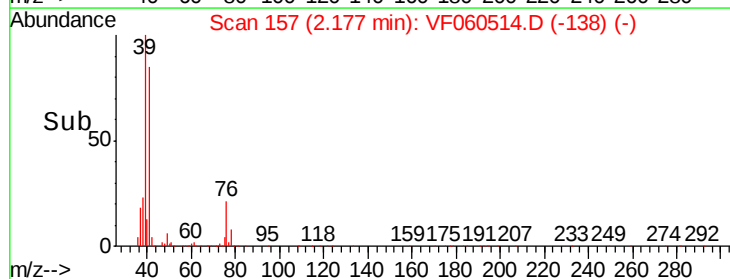
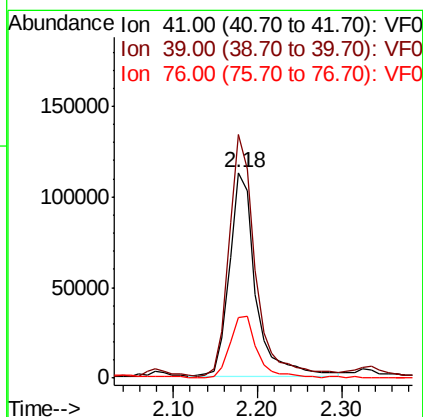
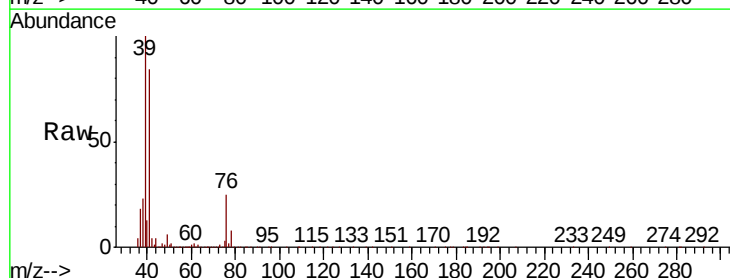
Tgt Ion: 41 Resp: 244152

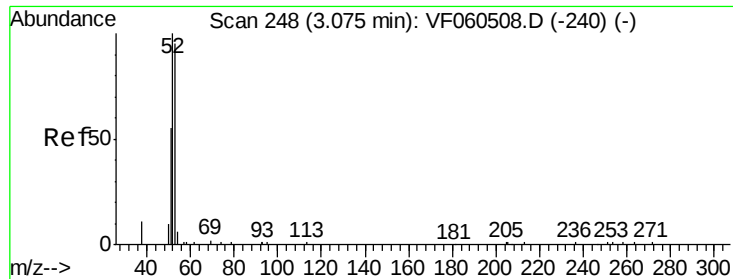
Ion Ratio Lower Upper

41 100

39 118.5 106.0 159.0

76 29.2 24.1 36.1





#15

Acrylonitrile

Concen: 240.802 ug/l

RT: 3.06 min Scan# 247

Delta R.T. -0.01 min

Lab File: VF060514.D

Acq: 26 Oct 2018 11:01

Instrument :

MSVOA\_F

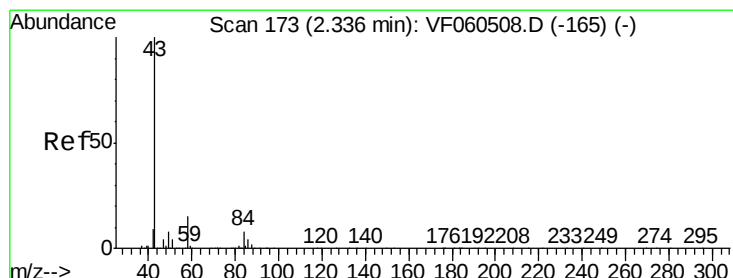
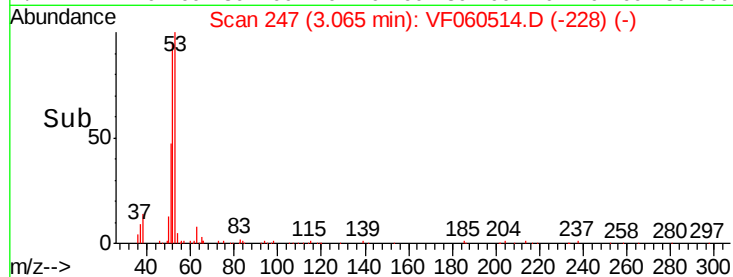
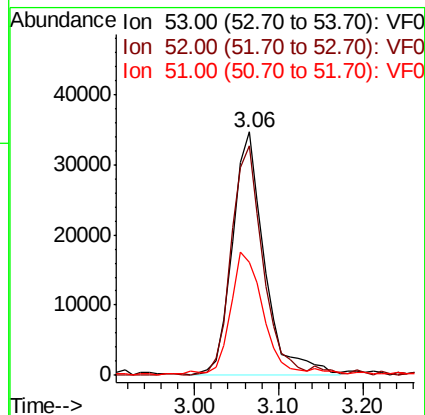
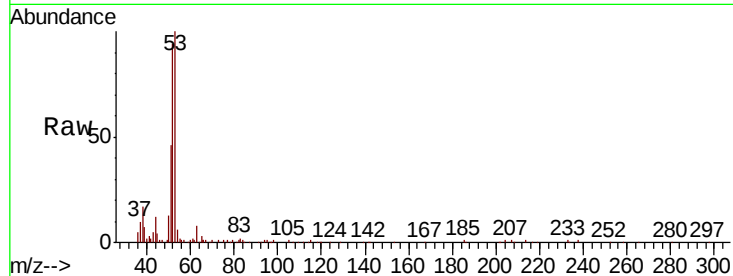
ClientSampleId :

ICVVF102518

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 53    | Resp: | 91046 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 94.2  | 84.0  | 126.0 |
| 51       | 46.4  | 48.6  | 73.0# |

Manual Integrations  
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#16

Acetone

Concen: 281.062 ug/l

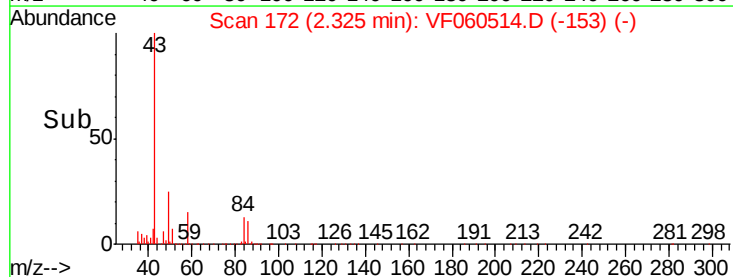
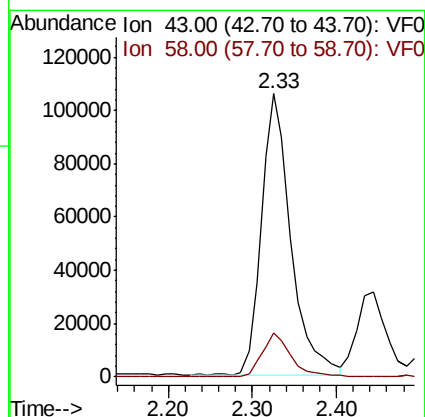
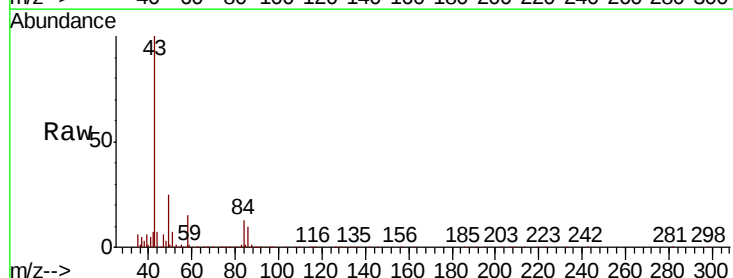
RT: 2.33 min Scan# 172

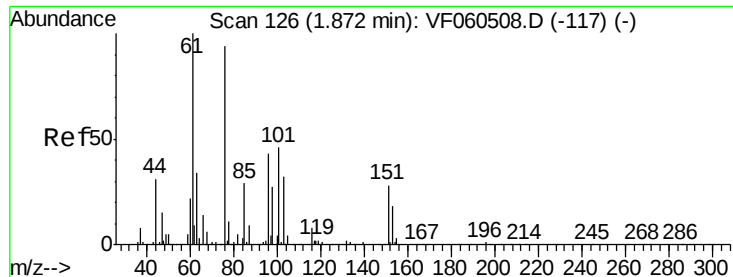
Delta R.T. -0.01 min

Lab File: VF060514.D

Acq: 26 Oct 2018 11:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 257547 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 15.3  | 11.7  | 17.5   |





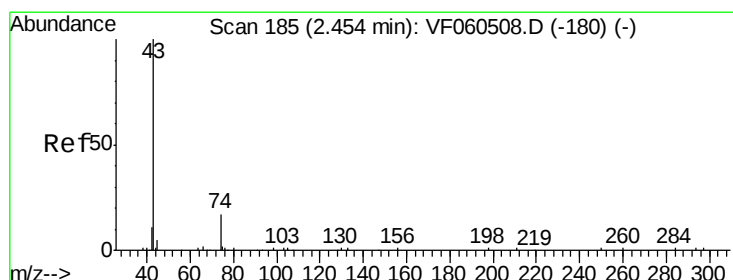
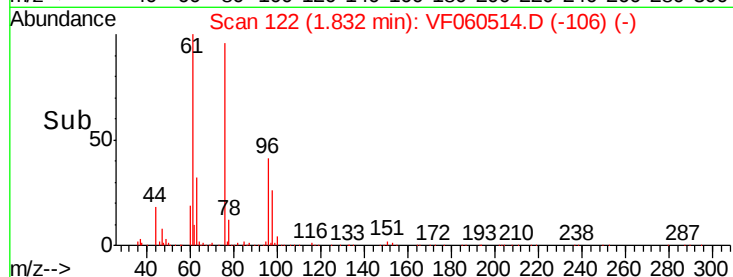
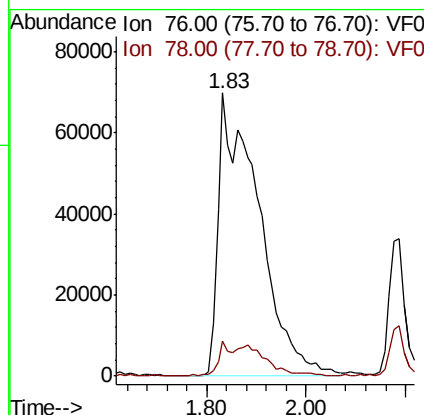
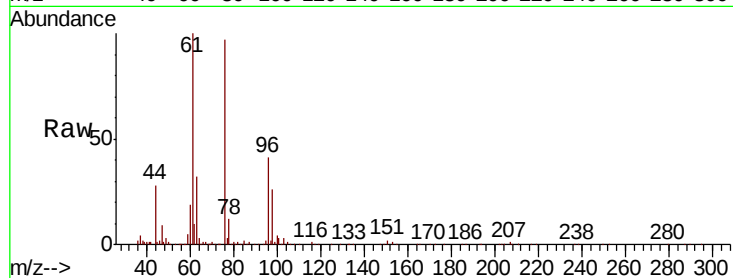
#17  
Carbon Disulfide  
Concen: 42.869 ug/l m  
RT: 1.83 min Scan# 122  
Delta R.T. -0.04 min  
Lab File: VF060514.D  
Acq: 26 Oct 2018 11:01

Instrument :  
MSVOA\_F  
ClientSampleId :  
ICVVF102518

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 12.6  | 9.2   | 13.8  |

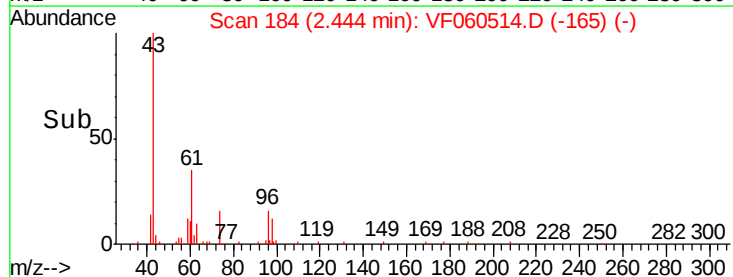
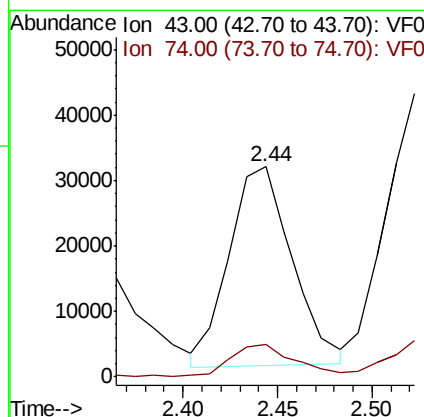
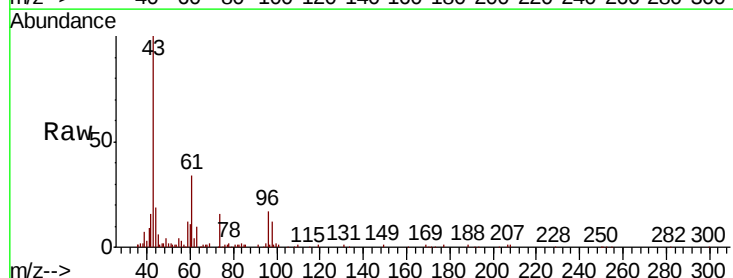
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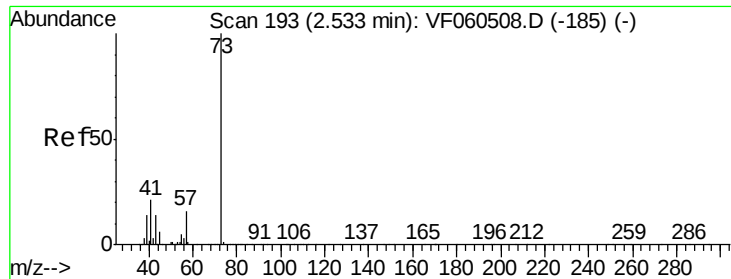
apatel  
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#18  
Methyl Acetate  
Concen: 45.546 ug/l  
RT: 2.44 min Scan# 184  
Delta R.T. -0.01 min  
Lab File: VF060514.D  
Acq: 26 Oct 2018 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 15.7  | 12.1  | 18.1  |





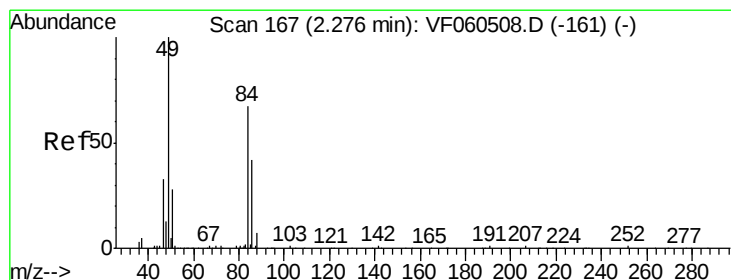
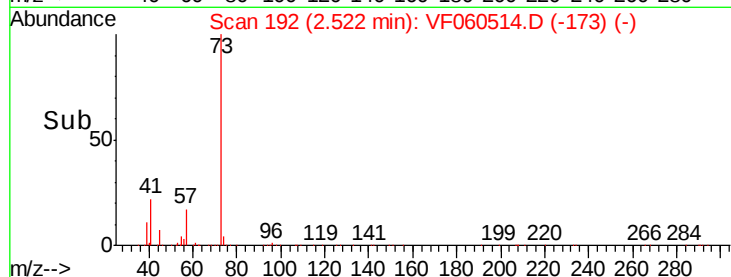
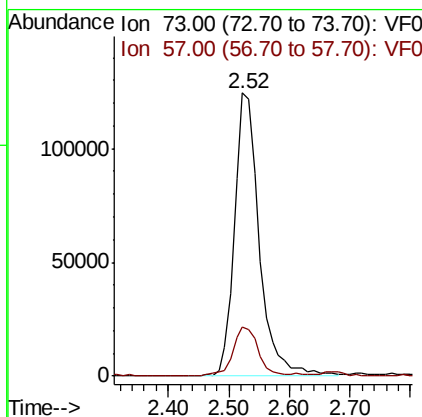
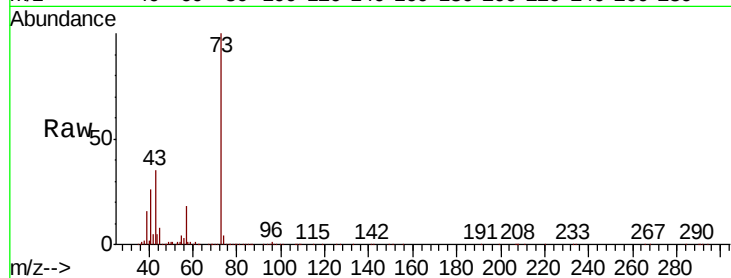
#19  
Methvl tert-butvl Ether  
Concen: 41.853 ug/l  
RT: 2.52 min Scan# 192  
Delta R.T. -0.01 min  
Lab File: VF060514.D  
Acq: 26 Oct 2018 11:01

Instrument :  
MSVOA\_F  
ClientSampleId :  
ICVVF102518

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 17.6  | 13.3  | 19.9  |

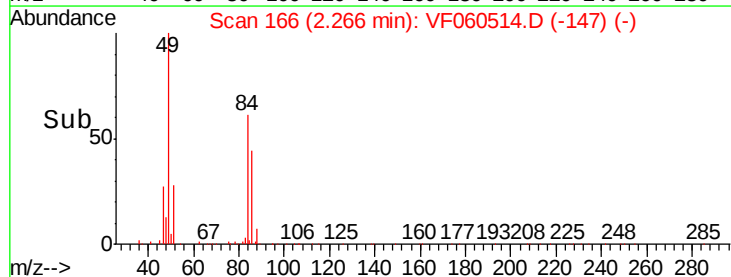
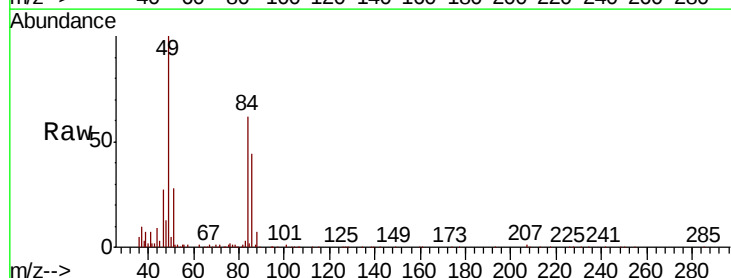
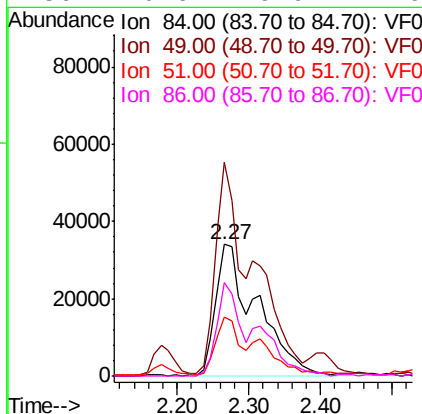
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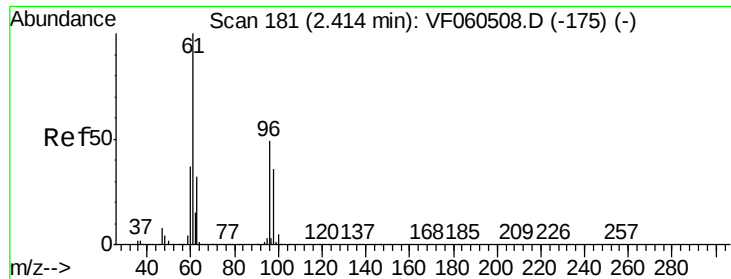
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#20  
Methylene Chloride  
Concen: 47.805 ug/l m  
RT: 2.27 min Scan# 166  
Delta R.T. -0.01 min  
Lab File: VF060514.D  
Acq: 26 Oct 2018 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 162.0 | 123.1 | 184.7 |
| 51      | 45.1  | 35.3  | 52.9  |
| 86      | 70.6  | 49.9  | 74.9  |





#21

trans-1,2-Dichloroethene

Concen: 44.158 ug/l

RT: 2.40 min Scan# 180

Delta R.T. -0.01 min

Lab File: VF060514.D

Acq: 26 Oct 2018 11:01

Instrument :

MSVOA\_F

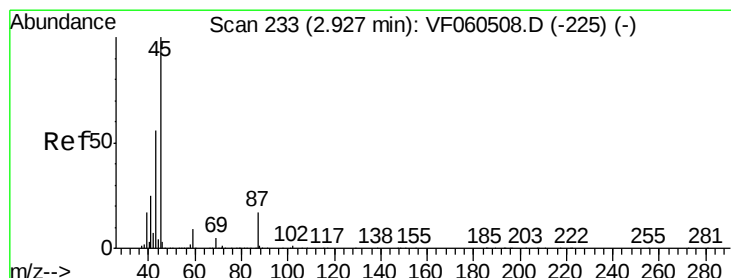
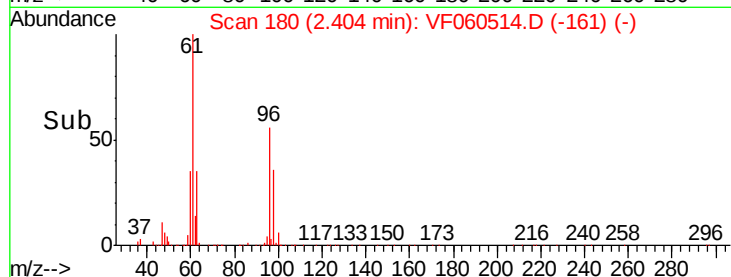
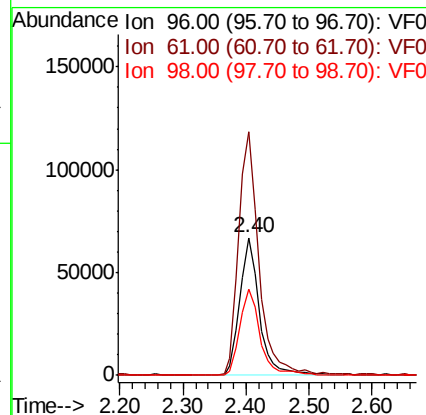
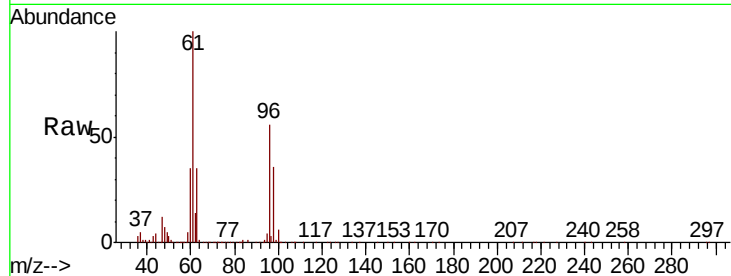
ClientSampleId :

ICVVF102518

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 141721 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 177.2 | 162.5 | 243.7  |
| 98       | 63.0  | 58.5  | 87.7   |

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#22

Diisopropyl ether

Concen: 44.992 ug/l

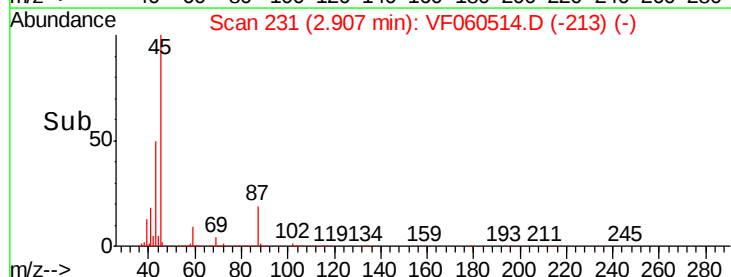
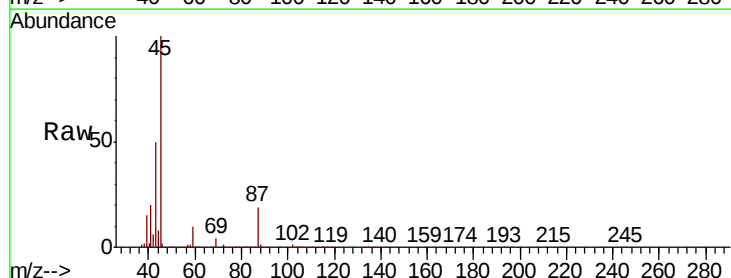
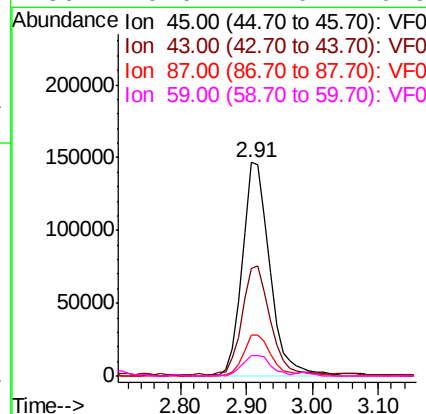
RT: 2.91 min Scan# 231

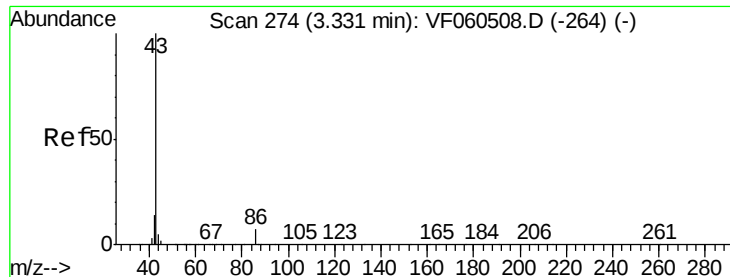
Delta R.T. -0.02 min

Lab File: VF060514.D

Acq: 26 Oct 2018 11:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 429753 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 50.2  | 45.2  | 67.8   |
| 87       | 19.0  | 13.4  | 20.2   |
| 59       | 9.6   | 7.0   | 10.6   |





#23

Vinyl Acetate

Concen: 236.533 ug/l

RT: 3.32 min Scan# 273

Delta R.T. -0.01 min

Lab File: VF060514.D

Acq: 26 Oct 2018 11:01

Tot Ion: 43 Resp: 714638

Ion Ratio Lower Upper

43 100

86 6.7 5.3 7.9

Instrument :

MSVOA\_F

ClientSampleId :

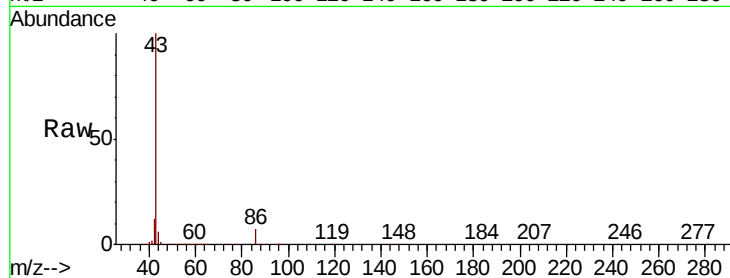
ICVVF102518

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Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

300000

250000

200000

150000

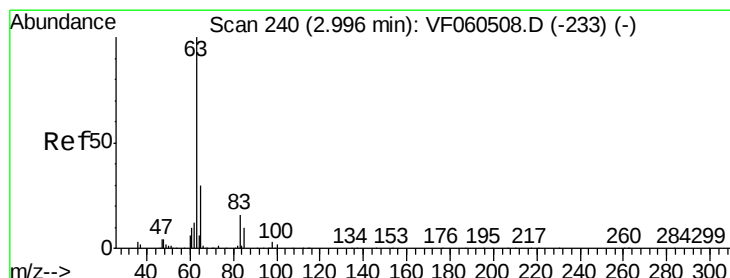
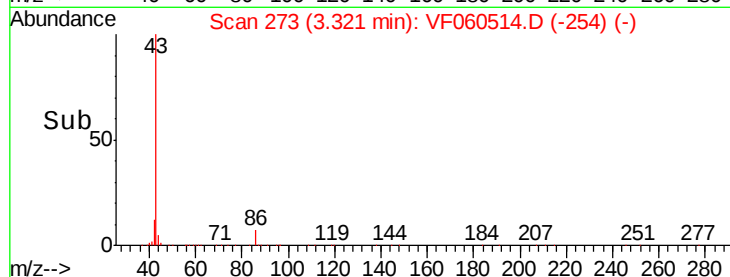
100000

50000

0

3.20 3.30 3.40 3.50

Time-->



#24

1,1-Dichloroethane

Concen: 43.283 ug/l

RT: 2.99 min Scan# 239

Delta R.T. -0.01 min

Lab File: VF060514.D

Acq: 26 Oct 2018 11:01

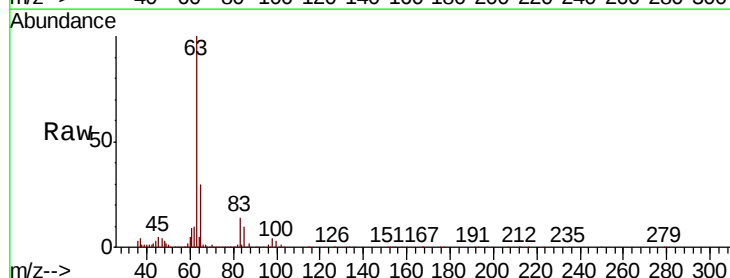
Tgt Ion: 63 Resp: 315272

Ion Ratio Lower Upper

63 100

98 3.6 1.7 5.0

100 2.6 1.1 3.3



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

150000

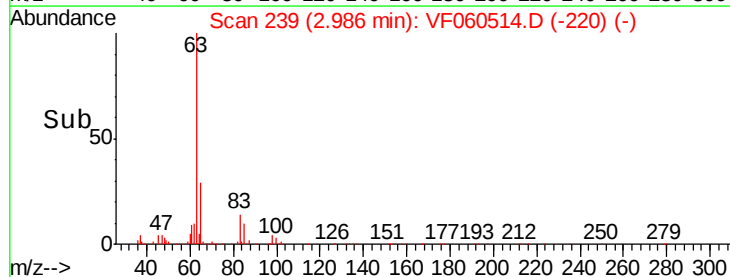
100000

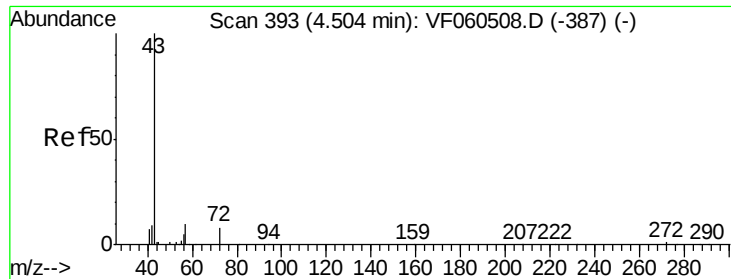
50000

0

2.80 2.90 3.00 3.10 3.20

Time-->





#25

2-Butanone

Concen: 292.813 ug/l

RT: 4.49 min Scan# 392

Delta R.T. -0.01 min

Lab File: VF060514.D

Acq: 26 Oct 2018 11:01

Instrument :

MSVOA\_F

ClientSampleId :

ICVVF102518

Tot Ion: 43 Resp: 244237

Ion Ratio Lower Upper

43 100

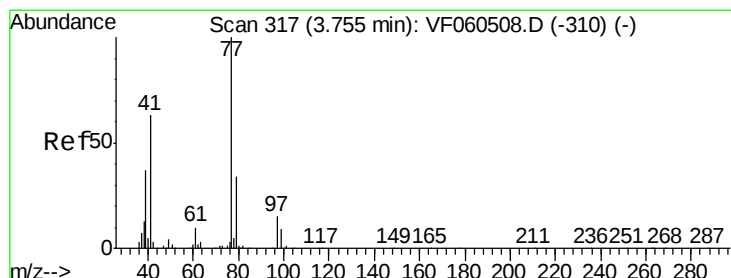
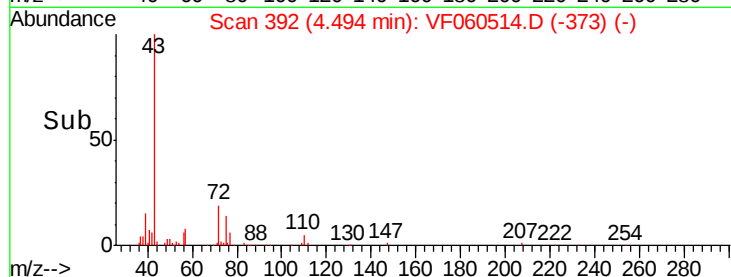
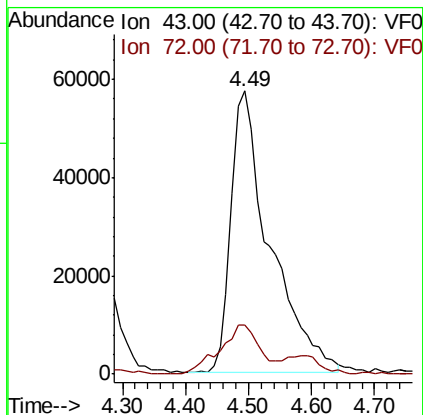
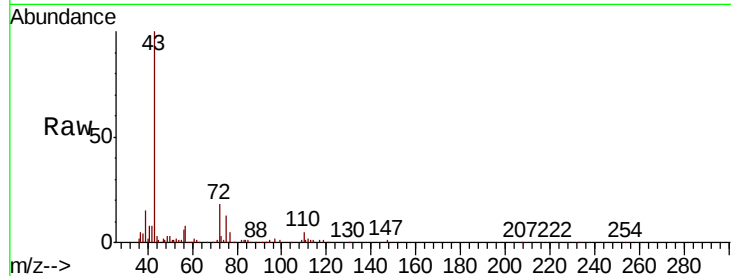
72 17.6 13.0 19.6

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#26

2,2-Dichloropropane

Concen: 43.759 ug/l

RT: 3.74 min Scan# 316

Delta R.T. -0.01 min

Lab File: VF060514.D

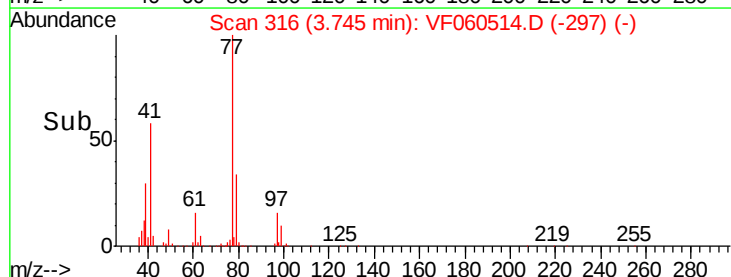
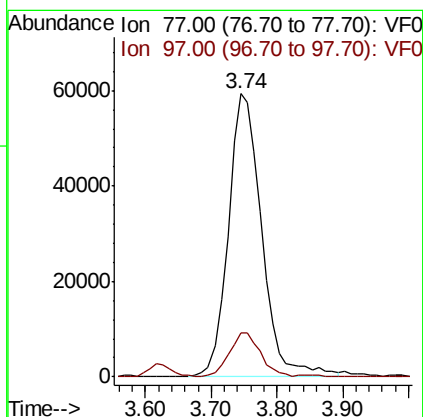
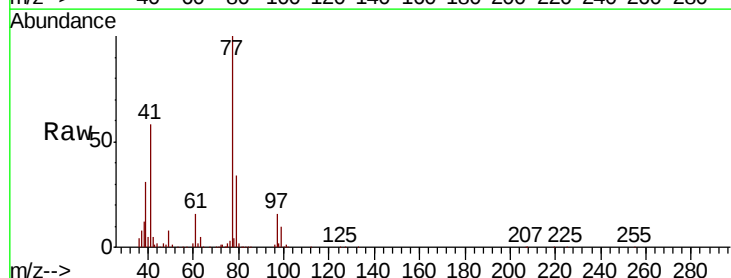
Acq: 26 Oct 2018 11:01

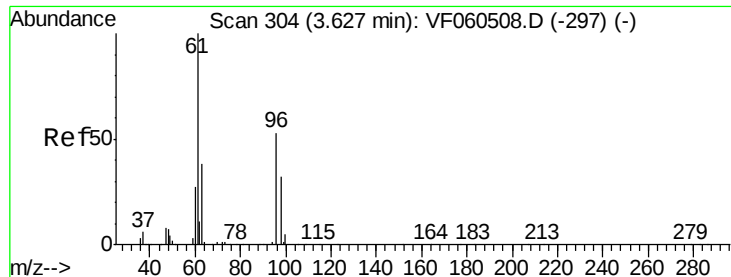
Tgt Ion: 77 Resp: 210811

Ion Ratio Lower Upper

77 100

97 15.6 7.9 23.7





#27

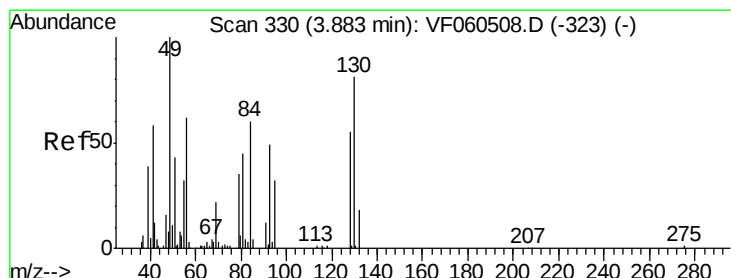
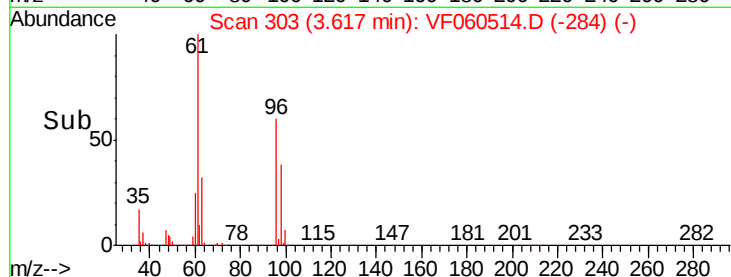
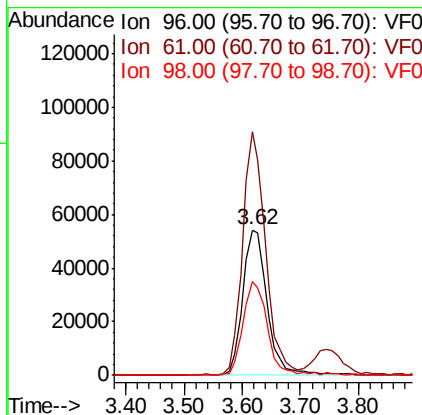
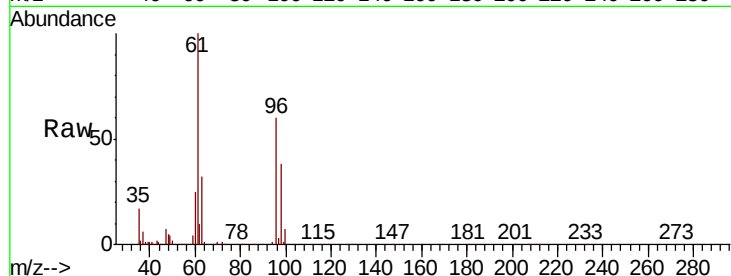
cis-1,2-Dichloroethene  
Concen: 52.304 ug/l  
RT: 3.62 min Scan# 303  
Delta R.T. -0.01 min  
Lab File: VF060514.D  
Acq: 26 Oct 2018 11:01

Instrument :  
MSVOA\_F  
ClientSampleId :  
ICVVF102518

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 160228 |       |       |
| 61      | 167.4 | 0.0    | 377.0 |       |
| 98      | 64.2  | 0.0    | 122.4 |       |

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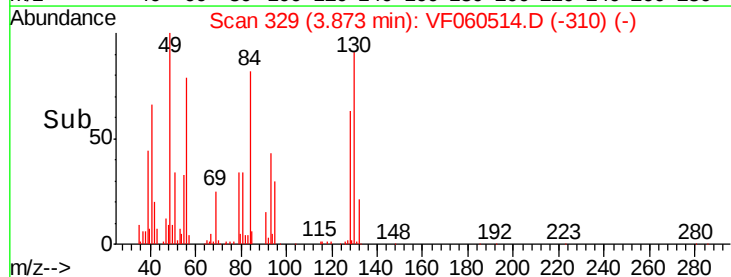
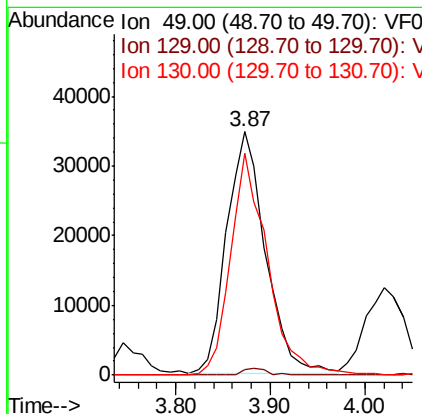
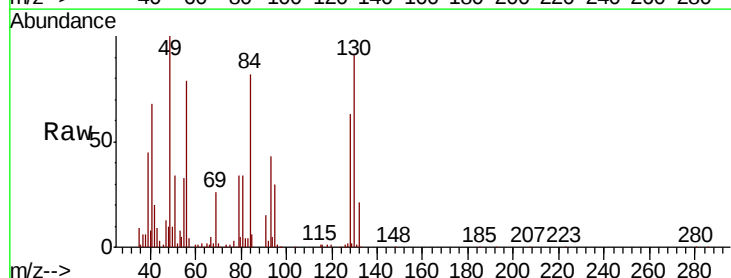
apatel  
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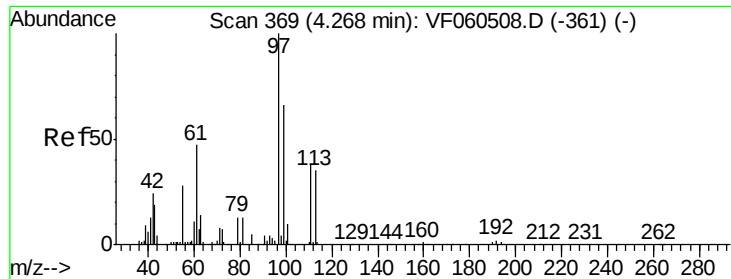


#28

Bromochloromethane  
Concen: 45.976 ug/l  
RT: 3.87 min Scan# 329  
Delta R.T. -0.01 min  
Lab File: VF060514.D  
Acq: 26 Oct 2018 11:01

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 49      | 100   | 98538 |       |       |
| 129     | 2.3   | 0.0   | 2.0#  |       |
| 130     | 91.3  | 65.0  | 97.4  |       |





#29

Tetrahydrofuran

Concen: 274.401 ug/l

RT: 4.23 min Scan# 365

Delta R.T. -0.04 min

Lab File: VF060514.D

Acq: 26 Oct 2018 11:01

Instrument :

MSVOA\_F

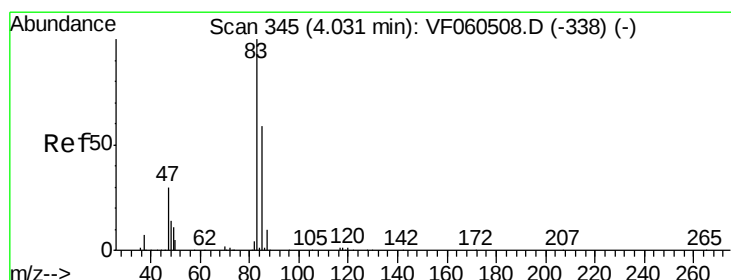
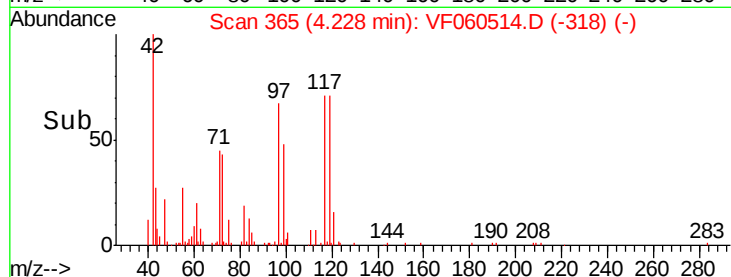
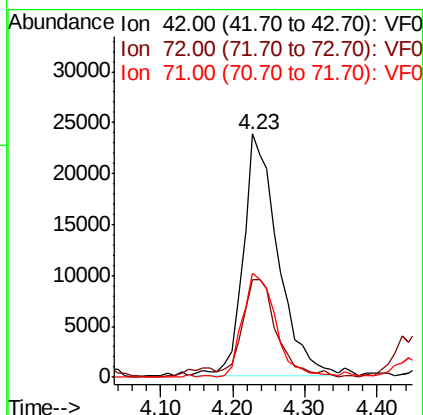
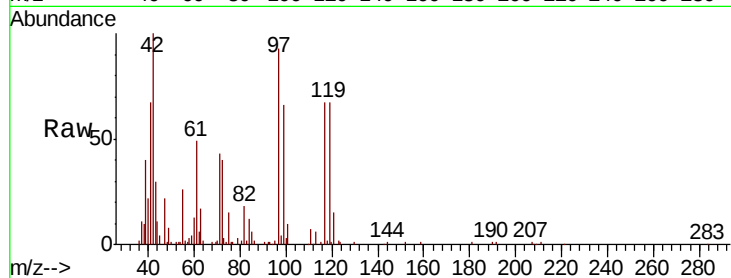
ClientSampleId :

ICVVF102518

|           |      |       |       |
|-----------|------|-------|-------|
| Tot Ion:  | 42   | Resp: | 79510 |
| Ion Ratio |      | Lower | Upper |
| 42        | 100  |       |       |
| 72        | 40.7 | 32.1  | 48.1  |
| 71        | 41.3 | 29.7  | 44.5  |

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#30

Chloroform

Concen: 44.465 ug/l

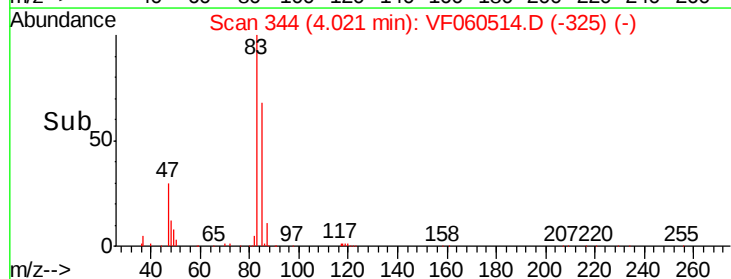
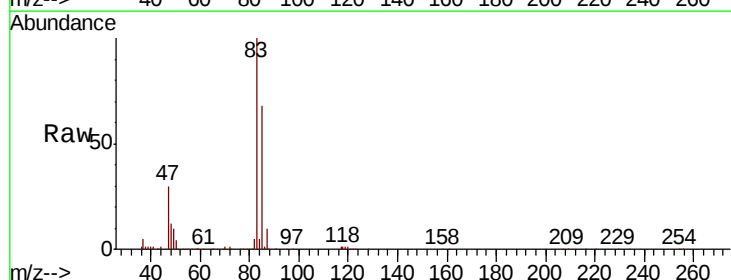
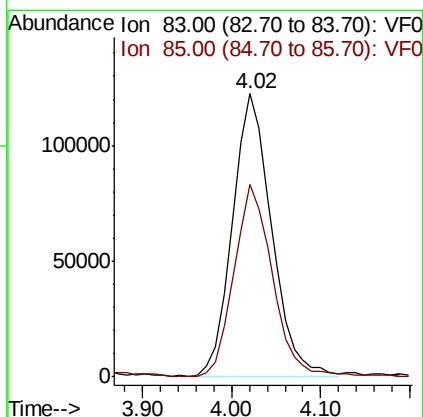
RT: 4.02 min Scan# 344

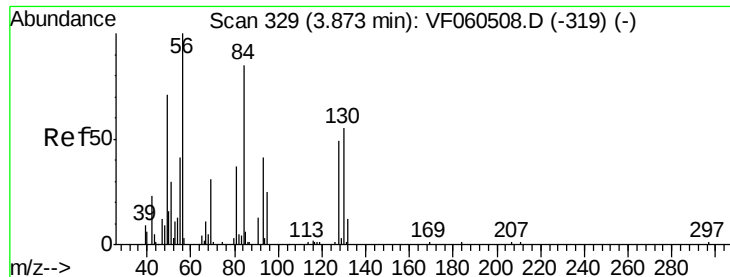
Delta R.T. -0.01 min

Lab File: VF060514.D

Acq: 26 Oct 2018 11:01

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 83   | Resp: | 373533 |
| Ion Ratio |      | Lower | Upper  |
| 83        | 100  |       |        |
| 85        | 68.1 | 47.4  | 71.2   |





#31

Cyclohexane

Concen: 50.393 ug/l

RT: 3.85 min Scan# 327

Delta R.T. -0.02 min

Lab File: VF060514.D

Acq: 26 Oct 2018 11:01

Instrument :

MSVOA\_F

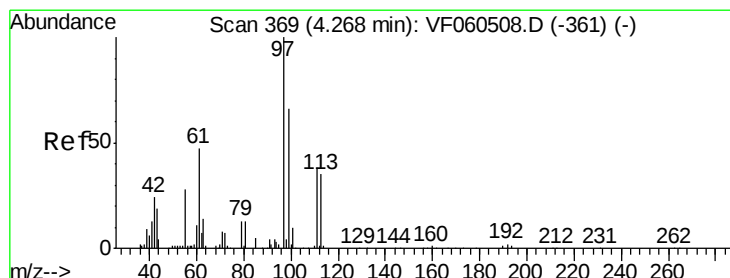
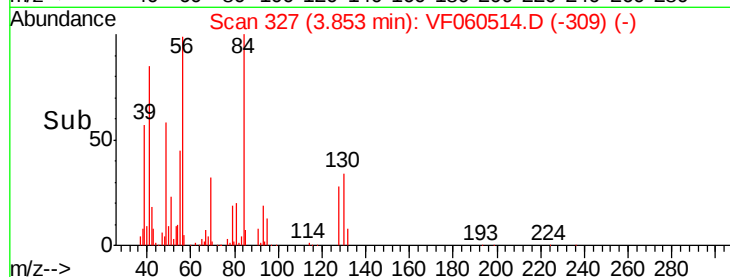
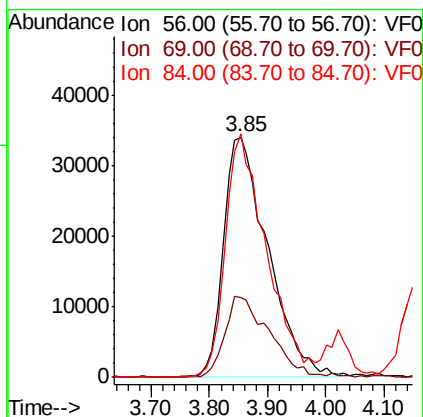
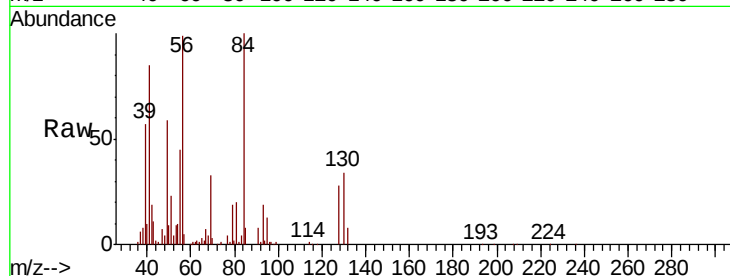
ClientSampleId :

ICVVF102518

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 56    | Resp: | 181245 |
| Ion Ratio |       | Lower | Upper  |
| 56        | 100   |       |        |
| 69        | 33.0  | 24.6  | 37.0   |
| 84        | 101.4 | 68.2  | 102.2  |

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#32

1,1,1-Trichloroethane

Concen: 42.482 ug/l

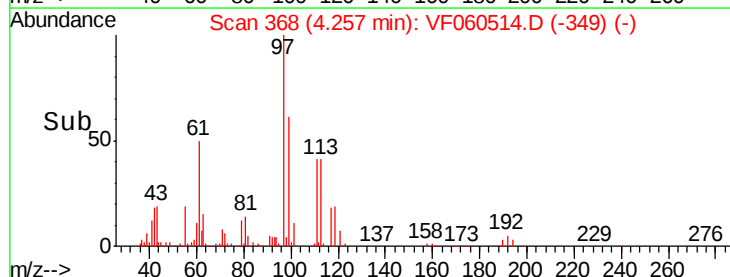
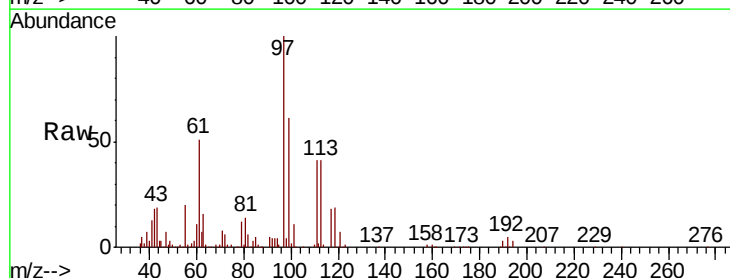
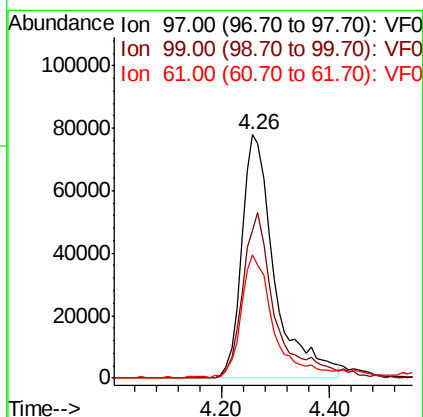
RT: 4.26 min Scan# 368

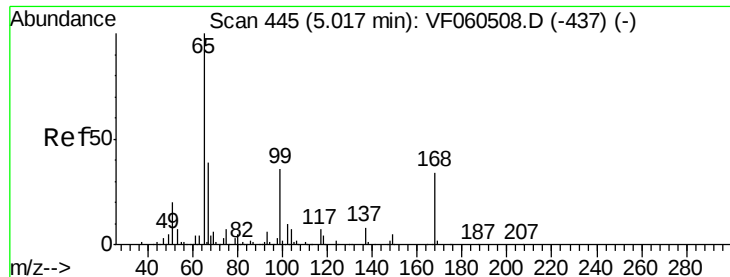
Delta R.T. -0.01 min

Lab File: VF060514.D

Acq: 26 Oct 2018 11:01

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 97   | Resp: | 329482 |
| Ion Ratio |      | Lower | Upper  |
| 97        | 100  |       |        |
| 99        | 60.6 | 53.0  | 79.6   |
| 61        | 50.6 | 37.9  | 56.9   |





#33

1,2-Dichloroethane-d4

Concen: 44.069 ug/l

RT: 5.01 min Scan# 444

Delta R.T. -0.01 min

Lab File: VF060514.D

Acq: 26 Oct 2018 11:01

Tot Ion: 65 Resp: 206987

Ion Ratio Lower Upper

65 100

67 44.6 0.0 85.8

Instrument :

MSVOA\_F

ClientSampleId :

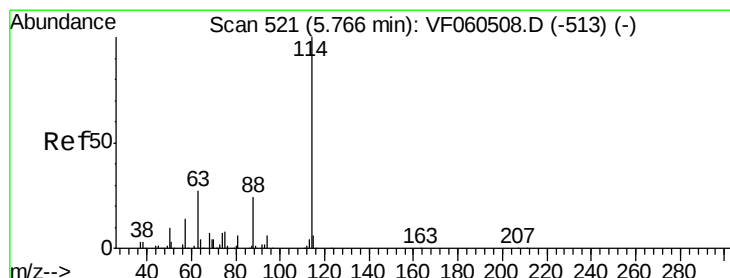
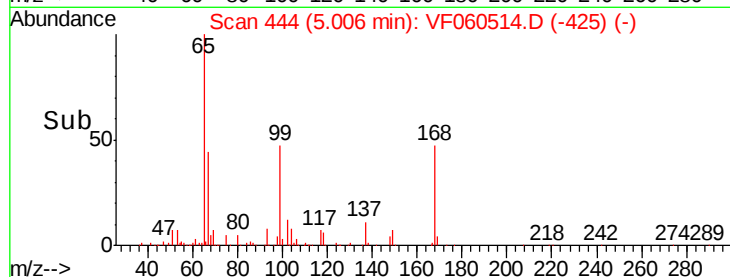
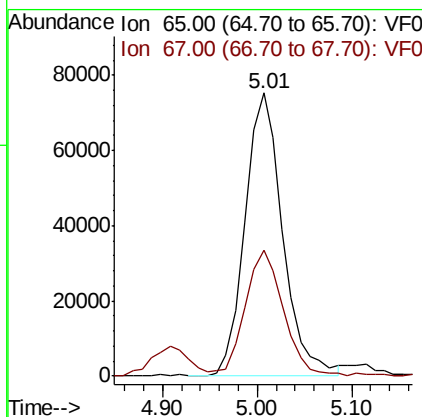
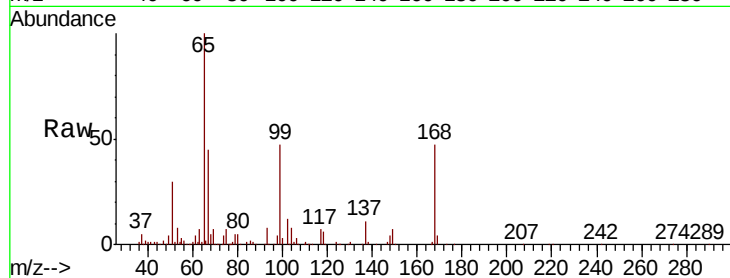
ICVVF102518

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.76 min Scan# 520

Delta R.T. -0.01 min

Lab File: VF060514.D

Acq: 26 Oct 2018 11:01

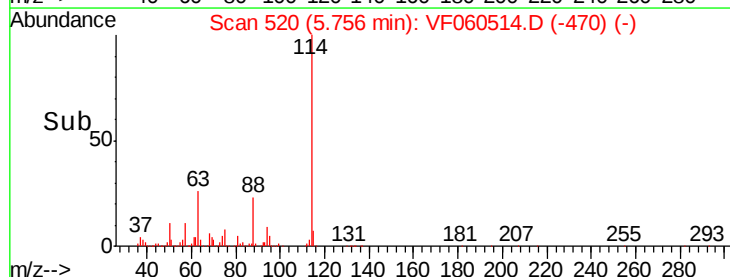
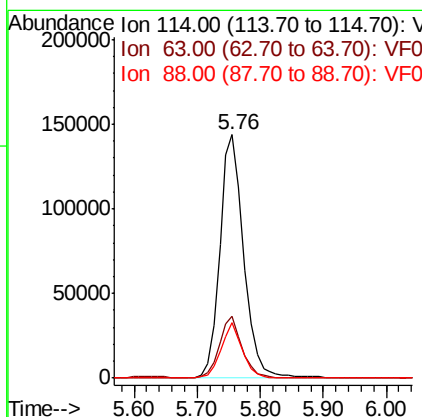
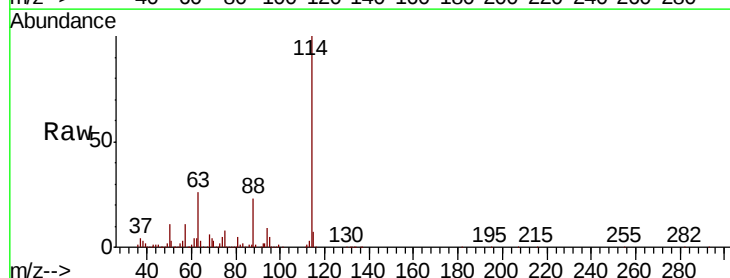
Tgt Ion: 114 Resp: 378533

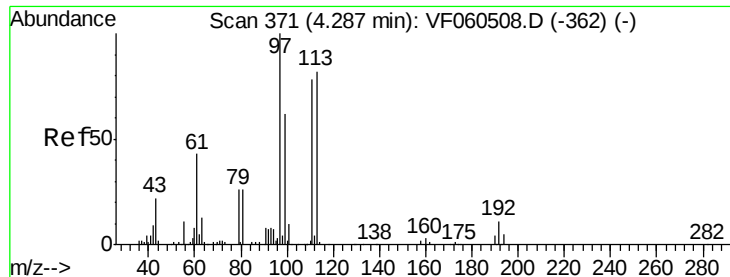
Ion Ratio Lower Upper

114 100

63 25.6 0.0 54.4

88 22.6 0.0 47.2





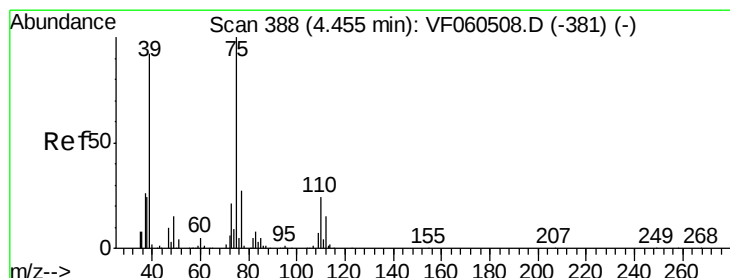
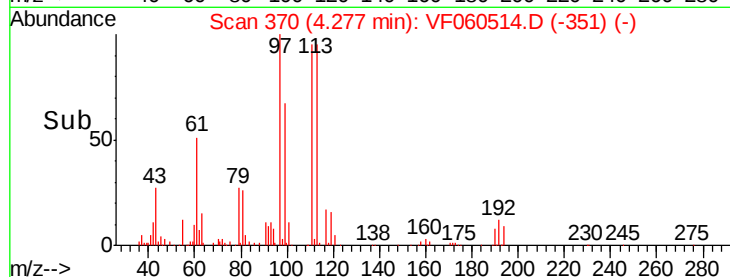
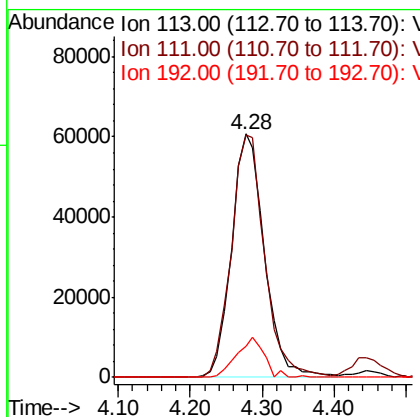
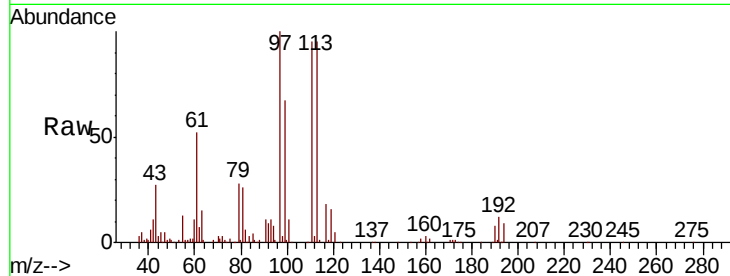
#35  
 Dibromofluoromethane  
 Concen: 42.535 ug/l  
 RT: 4.28 min Scan# 370  
 Delta R.T. -0.01 min  
 Lab File: VF060514.D  
 Acq: 26 Oct 2018 11:01

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 ICVVF102518

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 99.5  | 75.9  | 113.9 |
| 192     | 12.6  | 10.6  | 15.8  |

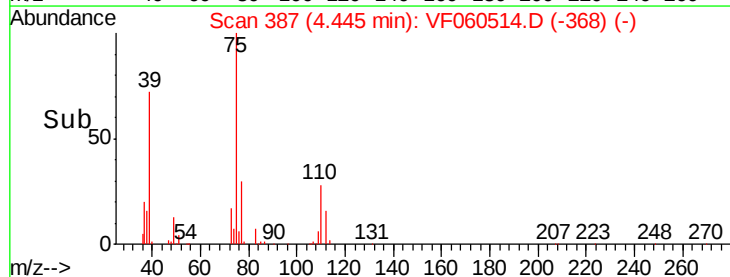
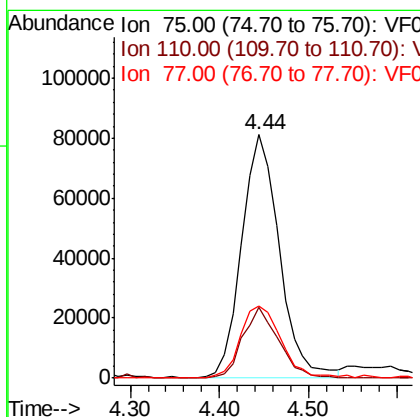
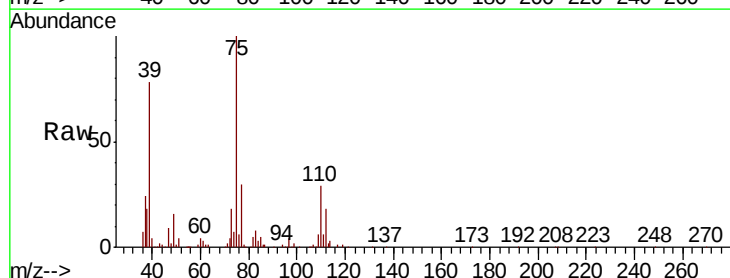
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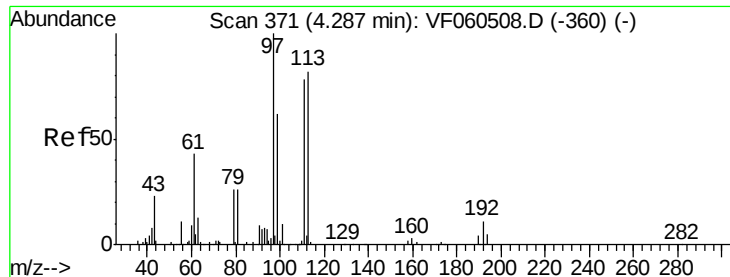
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#36  
 1,1-Dichloropropene  
 Concen: 42.253 ug/l  
 RT: 4.44 min Scan# 387  
 Delta R.T. -0.01 min  
 Lab File: VF060514.D  
 Acq: 26 Oct 2018 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 29.1  | 12.1  | 36.3  |
| 77      | 29.9  | 21.8  | 32.6  |





#37

Ethyl Acetate

Concen: 51.337 ug/l

RT: 4.27 min Scan# 369

Delta R.T. -0.02 min

Lab File: VF060514.D

Acq: 26 Oct 2018 11:01

Instrument :

MSVOA\_F

ClientSampleId :

ICVVF102518

Tot Ion: 43 Resp: 78929

Ion Ratio Lower Upper

43 100

61 192.7 148.5 222.7

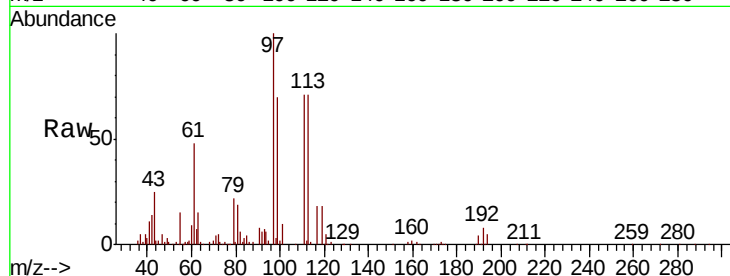
70 7.2 4.7 7.1#

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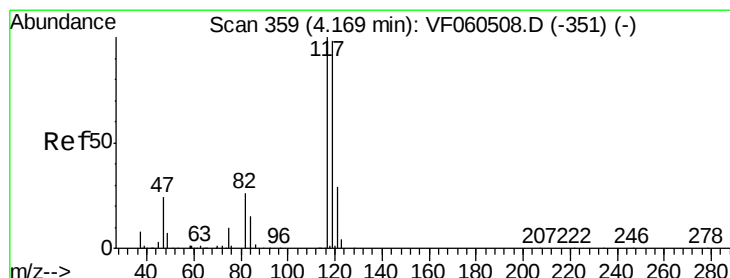
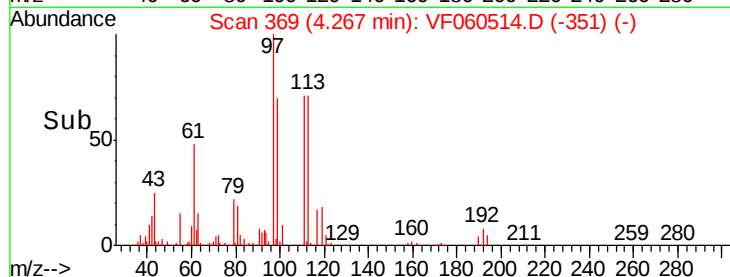
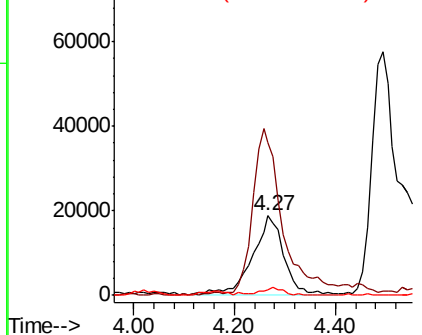
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Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 70.00 (69.70 to 70.70): VF0



#38

Carbon Tetrachloride

Concen: 43.373 ug/l

RT: 4.16 min Scan# 358

Delta R.T. -0.01 min

Lab File: VF060514.D

Acq: 26 Oct 2018 11:01

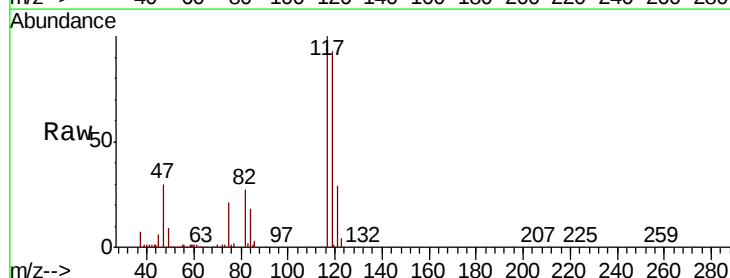
Tgt Ion: 117 Resp: 367705

Ion Ratio Lower Upper

117 100

119 93.9 78.3 117.5

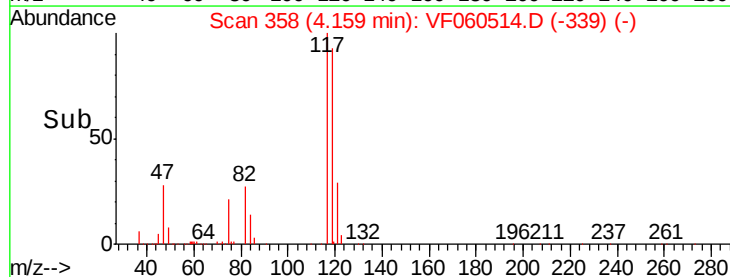
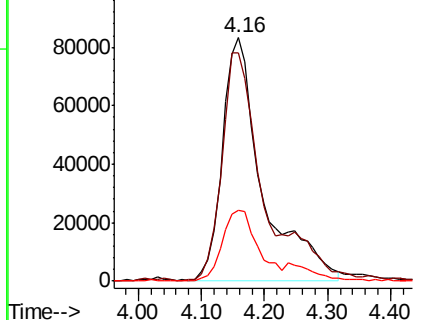
121 28.9 23.3 34.9

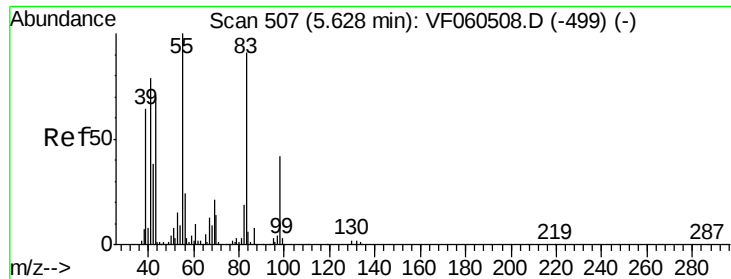


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V





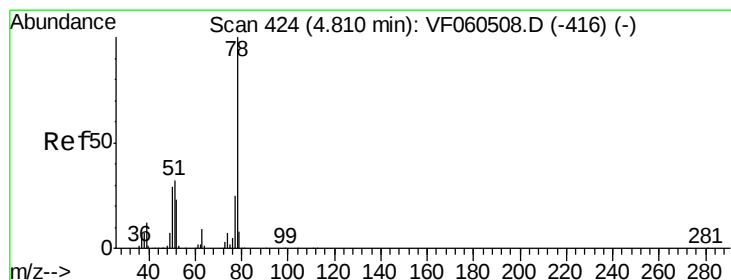
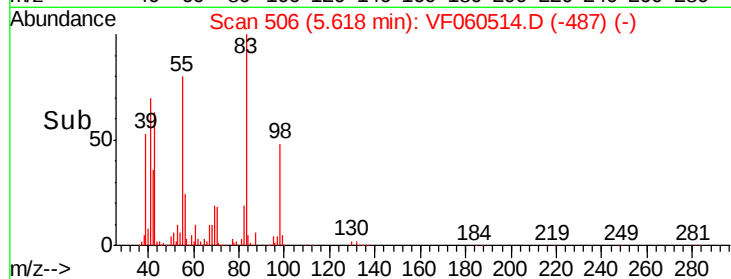
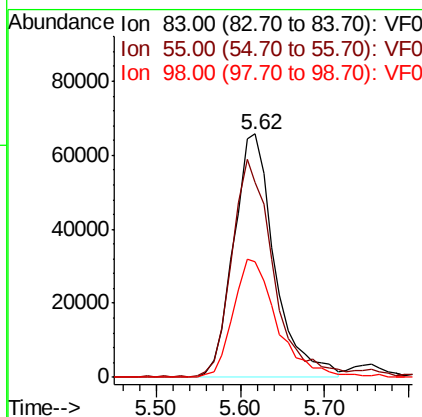
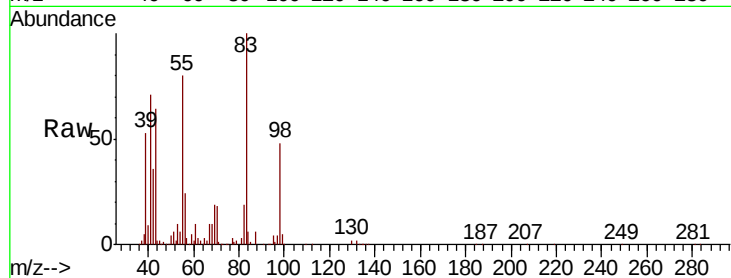
#39  
Methvlcvclohexane  
Concen: 48.903 ug/l  
RT: 5.62 min Scan# 506  
Delta R.T. -0.01 min  
Lab File: VF060514.D  
Acq: 26 Oct 2018 11:01

Instrument :  
MSVOA\_F  
ClientSampleId :  
ICVVF102518

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 83      | 100   |       |        |
| 55      | 79.9  | 87.9  | 131.9# |
| 98      | 47.6  | 37.0  | 55.6   |

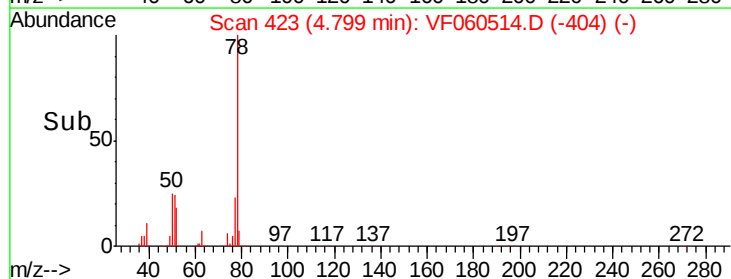
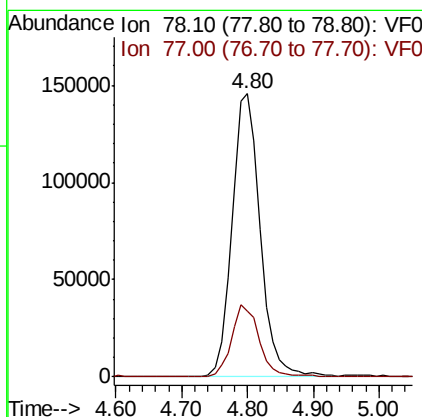
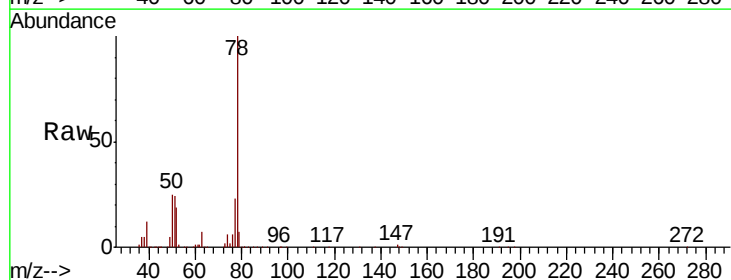
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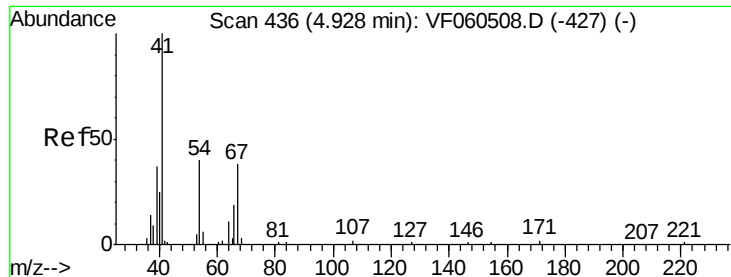
apatel  
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#40  
Benzene  
Concen: 47.438 ug/l  
RT: 4.80 min Scan# 423  
Delta R.T. -0.01 min  
Lab File: VF060514.D  
Acq: 26 Oct 2018 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.4  | 20.2  | 30.4  |





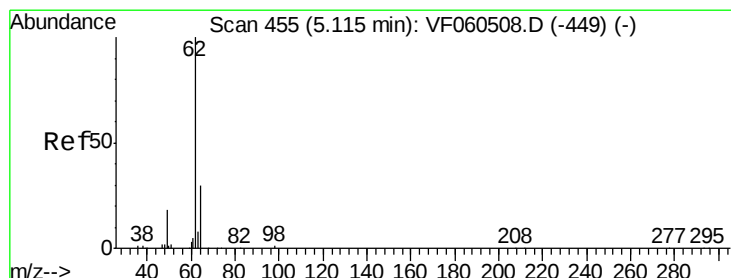
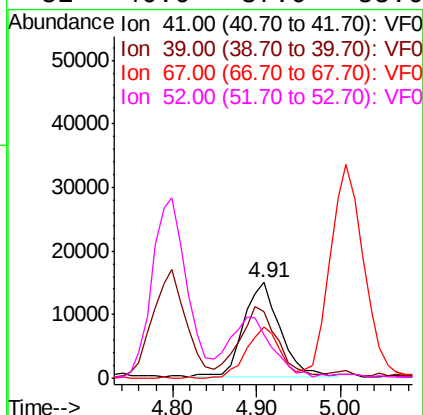
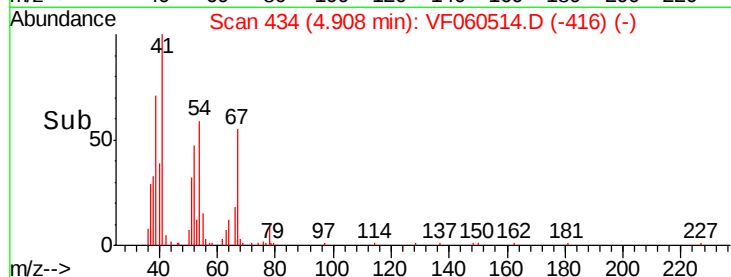
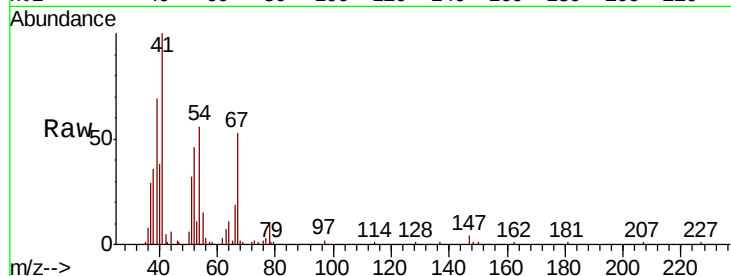
#41  
Methacrylonitrile  
Concen: 49.053 ug/l  
RT: 4.91 min Scan# 434  
Delta R.T. -0.02 min  
Lab File: VF060514.D  
Acq: 26 Oct 2018 11:01

Instrument :  
MSVOA\_F  
ClientSampleId :  
ICVVF102518

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 69.3  | 55.2  | 82.8  |
| 67      | 53.0  | 29.8  | 44.8# |
| 52      | 46.0  | 37.0  | 55.6  |

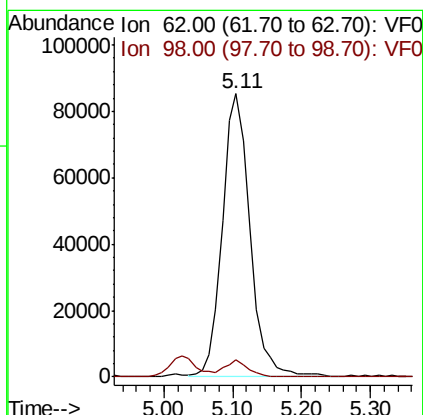
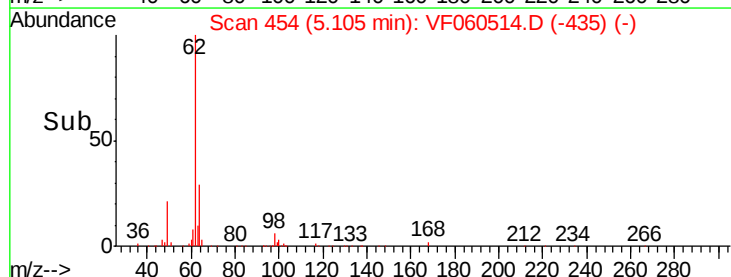
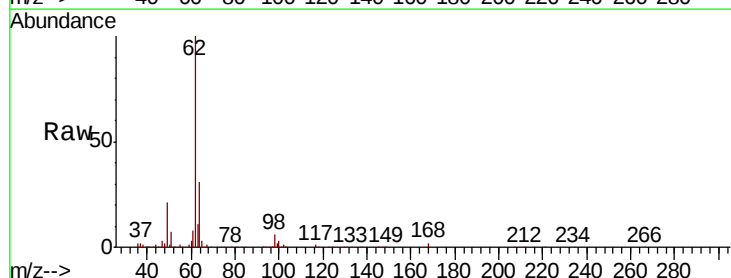
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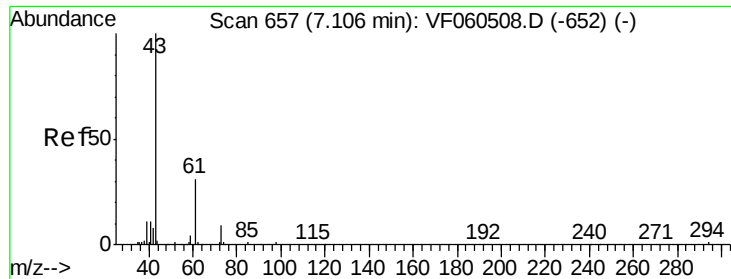
apatel  
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#42  
1,2-Dichloroethane  
Concen: 39.373 ug/l  
RT: 5.11 min Scan# 454  
Delta R.T. -0.01 min  
Lab File: VF060514.D  
Acq: 26 Oct 2018 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 6.2   | 0.0   | 9.4   |





#43

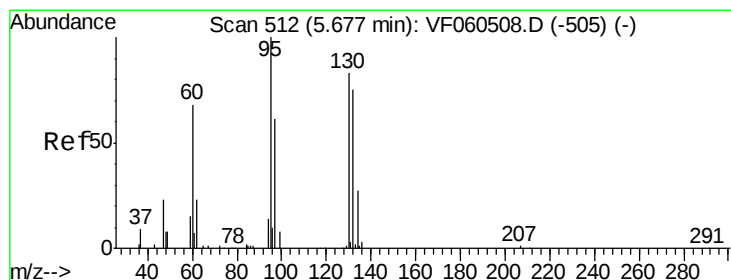
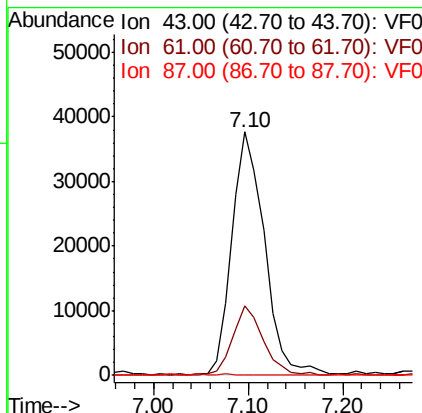
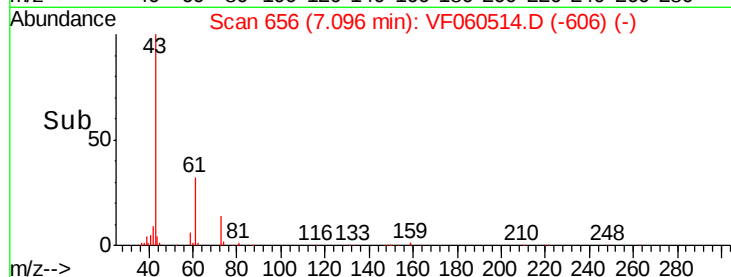
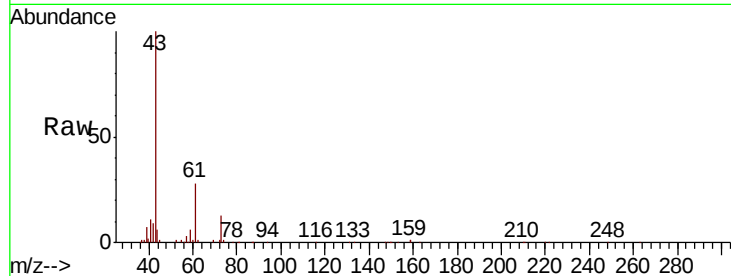
Isopropyl Acetate  
 Concen: 46.843 ug/l  
 RT: 7.10 min Scan# 656  
 Delta R.T. -0.01 min  
 Lab File: VF060514.D  
 Acq: 26 Oct 2018 11:01

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 ICVVF102518

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 28.3  | 24.4  | 36.6  |
| 87      | 0.4   | 0.0   | 0.0#  |

Manual Integrations  
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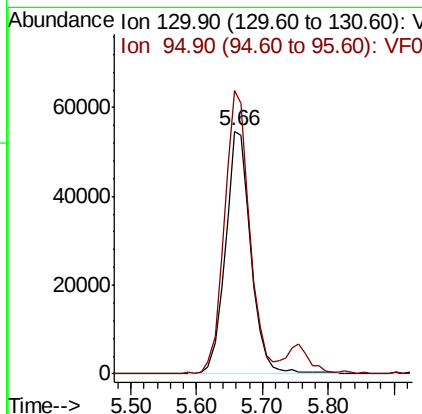
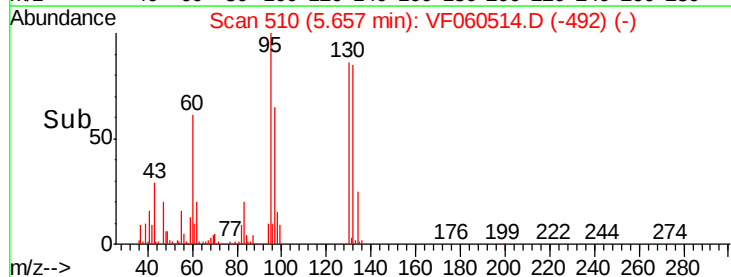
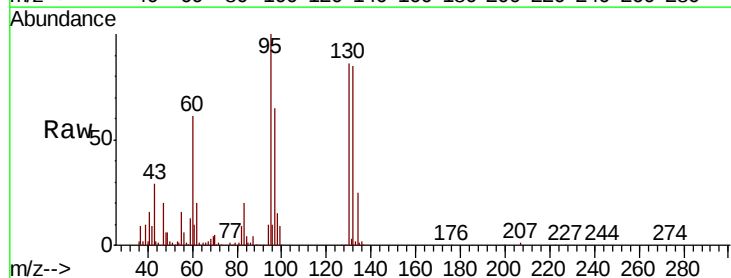
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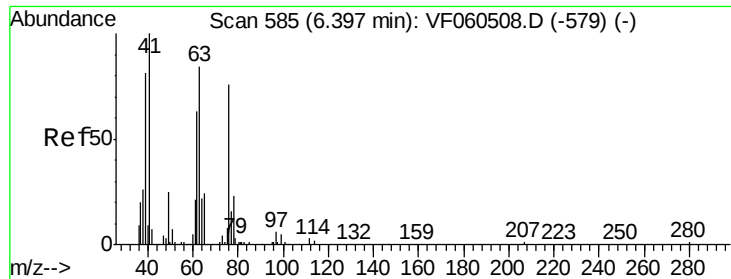


#44

Trichloroethene  
 Concen: 45.903 ug/l  
 RT: 5.66 min Scan# 510  
 Delta R.T. -0.02 min  
 Lab File: VF060514.D  
 Acq: 26 Oct 2018 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 116.6 | 0.0   | 242.8 |





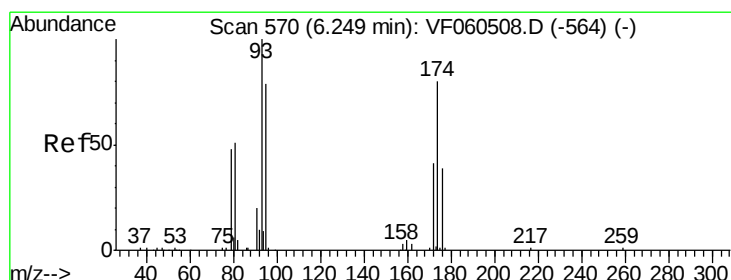
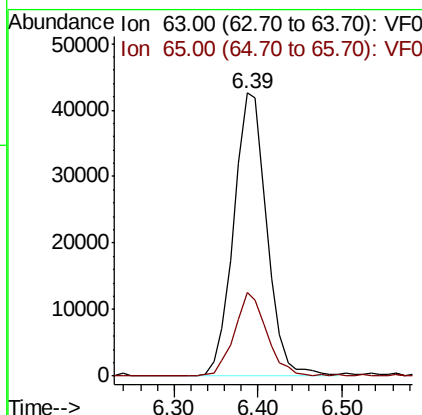
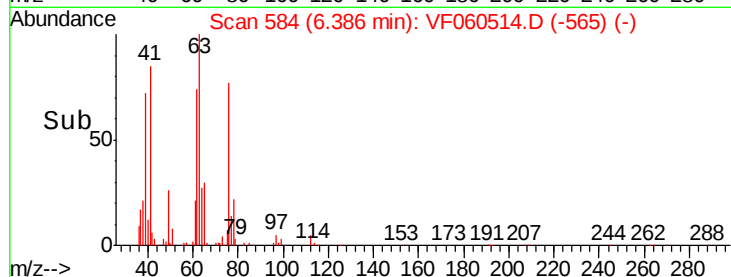
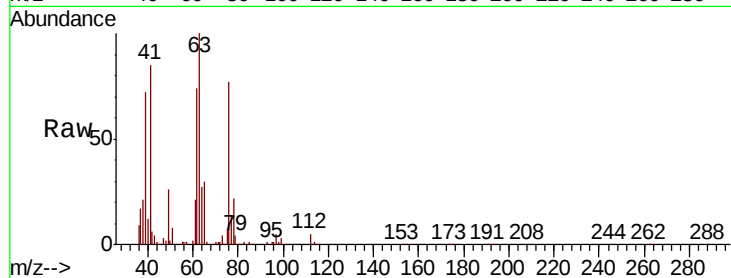
#45  
 1,2-Dichloropropane  
 Concen: 50.083 ug/l  
 RT: 6.39 min Scan# 584  
 Delta R.T. -0.01 min  
 Lab File: VF060514.D  
 Acq: 26 Oct 2018 11:01

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 ICVVF102518

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 29.6  | 22.7  | 34.1  |

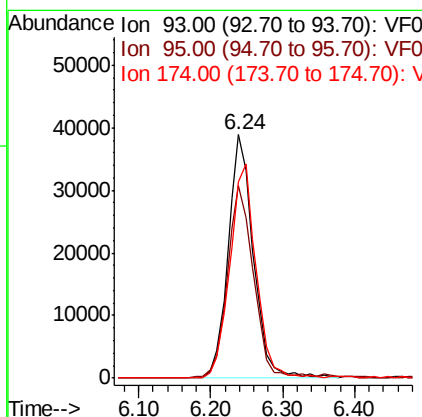
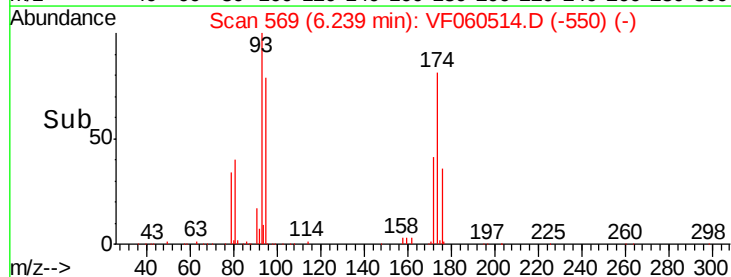
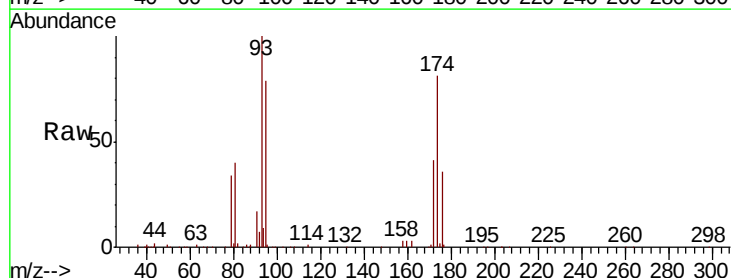
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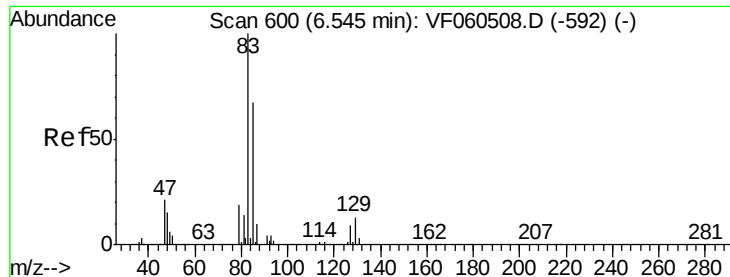
apatel  
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#46  
 Dibromomethane  
 Concen: 43.328 ug/l  
 RT: 6.24 min Scan# 569  
 Delta R.T. -0.01 min  
 Lab File: VF060514.D  
 Acq: 26 Oct 2018 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 79.8  | 63.8  | 95.8  |
| 174     | 82.5  | 64.9  | 97.3  |





#47

Bromodichloromethane

Concen: 41.961 ug/l

RT: 6.53 min Scan# 599

Delta R.T. -0.01 min

Lab File: VF060514.D

Acq: 26 Oct 2018 11:01

Instrument :

MSVOA\_F

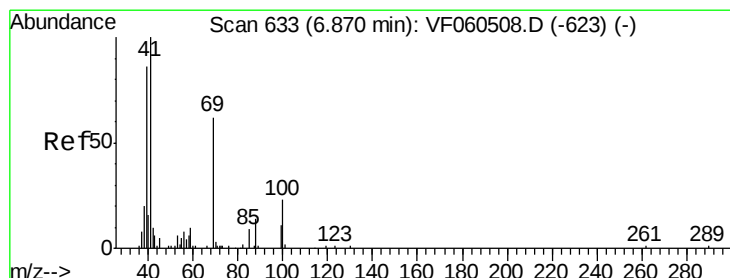
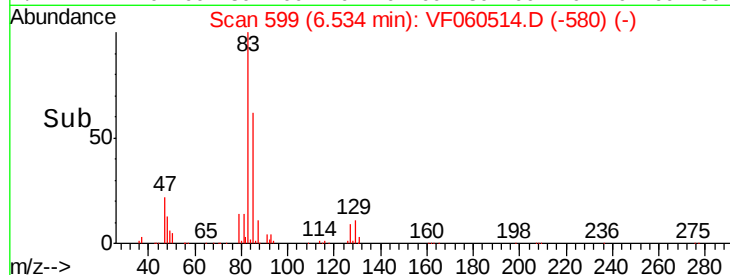
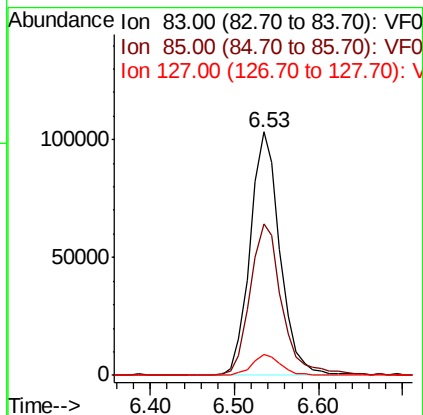
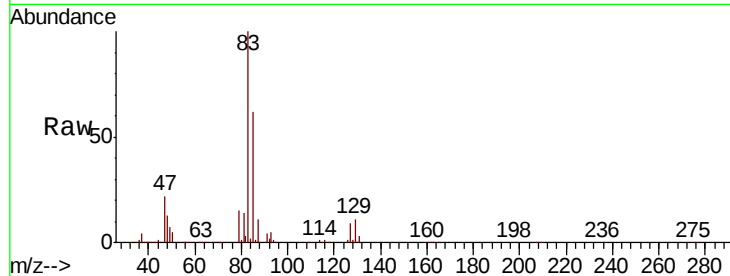
ClientSampleId :

ICVVF102518

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 257840 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 62.4  | 53.4  | 80.0   |
| 127       | 8.7   | 6.9   | 10.3   |

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#48

Methyl methacrylate

Concen: 46.422 ug/l

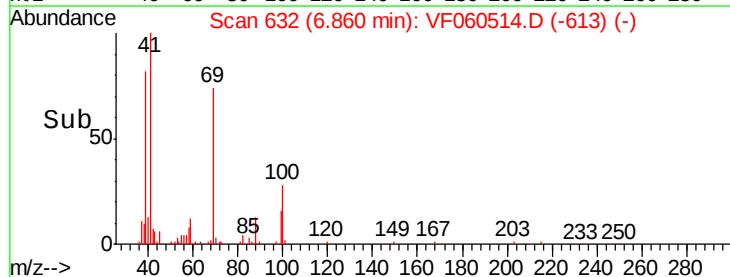
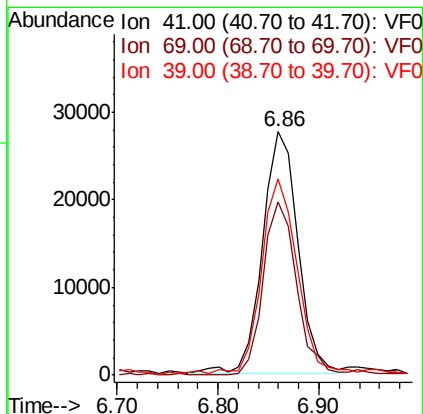
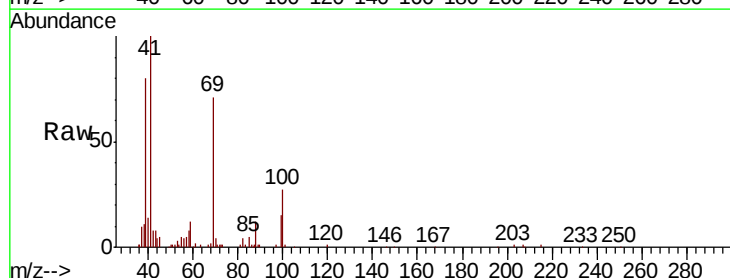
RT: 6.86 min Scan# 632

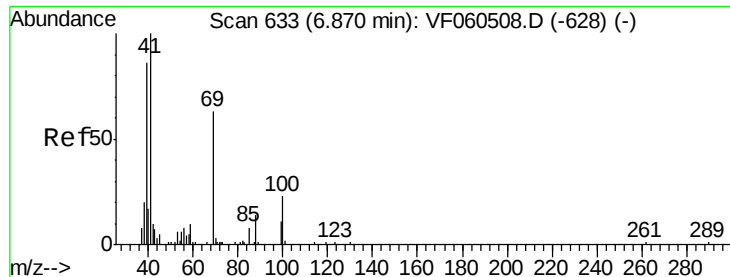
Delta R.T. -0.01 min

Lab File: VF060514.D

Acq: 26 Oct 2018 11:01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 67565 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 69        | 71.1  | 49.6  | 74.4  |
| 39        | 80.4  | 69.4  | 104.2 |





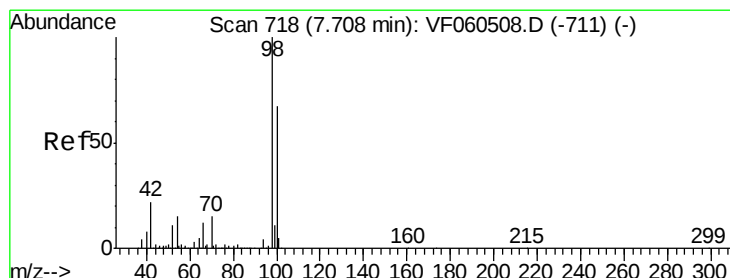
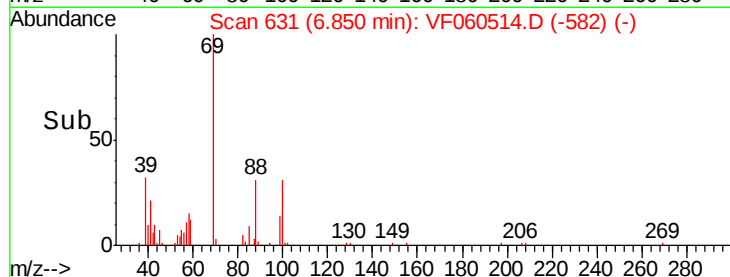
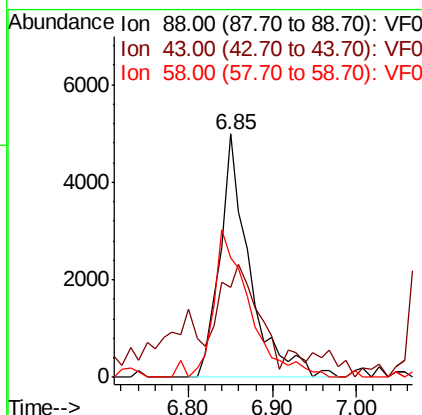
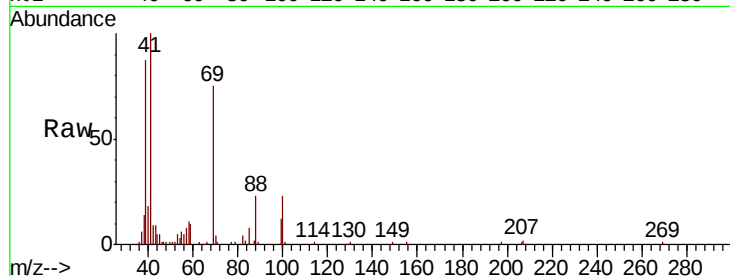
#49  
1,4-Dioxane  
Concen: 972.954 ug/l  
RT: 6.85 min Scan# 631  
Delta R.T. -0.02 min  
Lab File: VF060514.D  
Acq: 26 Oct 2018 11:01

Instrument :  
MSVOA\_F  
ClientSampleId :  
ICVVF102518

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 36.9  | 39.3  | 58.9# |
| 58      | 48.9  | 35.0  | 52.6  |

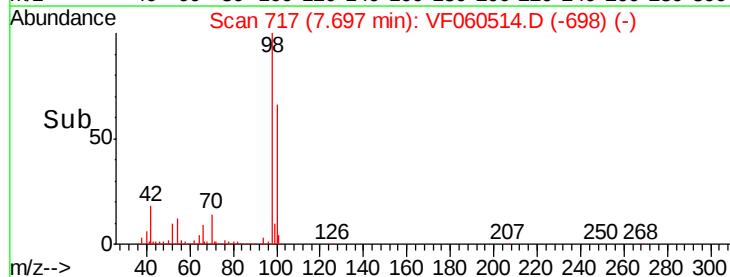
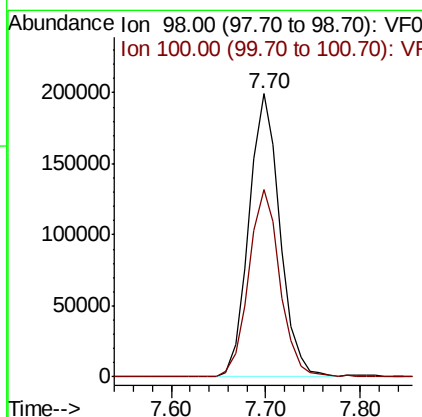
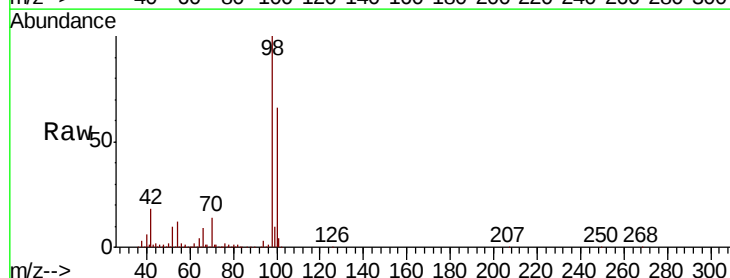
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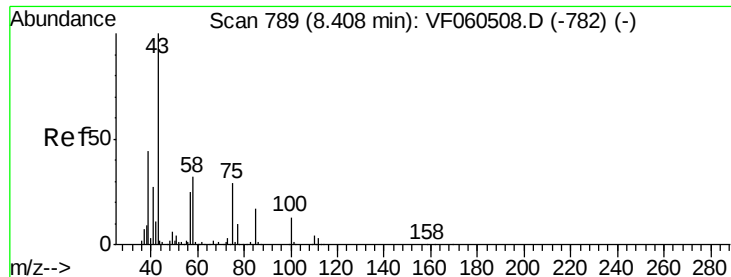
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#50  
Toluene-d8  
Concen: 49.842 ug/l  
RT: 7.70 min Scan# 717  
Delta R.T. -0.01 min  
Lab File: VF060514.D  
Acq: 26 Oct 2018 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 66.1  | 53.4  | 80.0  |





#51

4-Methyl-2-Pentanone

Concen: 229.316 ug/l

RT: 8.39 min Scan# 787

Delta R.T. -0.02 min

Lab File: VF060514.D

Acq: 26 Oct 2018 11:01

Instrument :

MSVOA\_F

ClientSampleId :

ICVVF102518

Tot Ion: 43 Resp: 345875

Ion Ratio Lower Upper

43 100

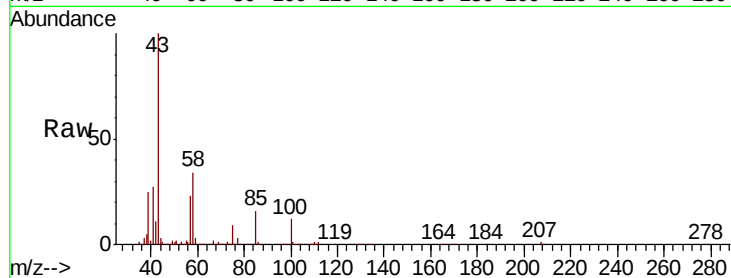
58 34.2 25.4 38.2

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Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

150000

100000

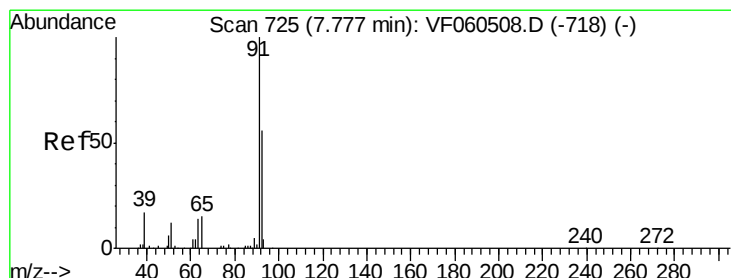
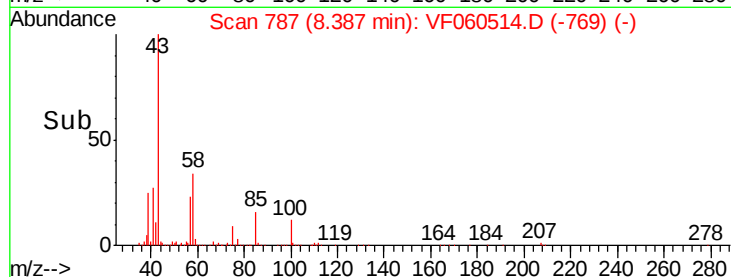
50000

0

8.39

8.30 8.40 8.50

Time-->



#52

Toluene

Concen: 46.354 ug/l

RT: 7.77 min Scan# 724

Delta R.T. -0.01 min

Lab File: VF060514.D

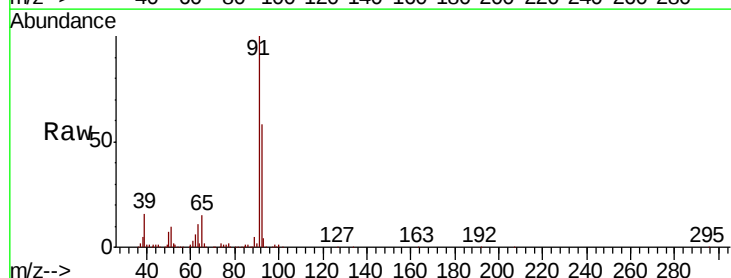
Acq: 26 Oct 2018 11:01

Tgt Ion: 92 Resp: 280949

Ion Ratio Lower Upper

92 100

91 172.9 143.8 215.8



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

250000

200000

150000

100000

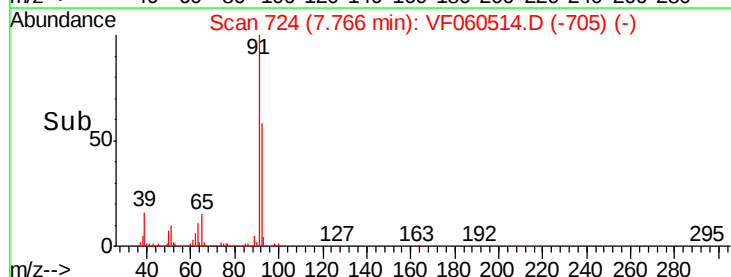
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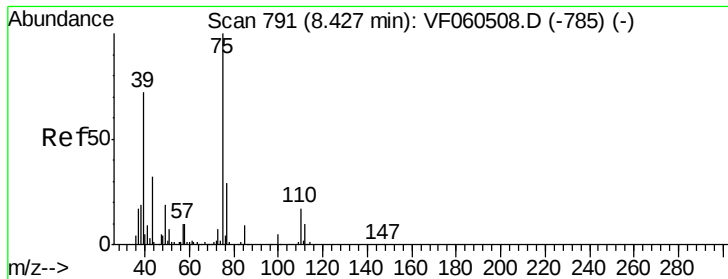
0

7.77

7.60 7.70 7.80 7.90 8.00

Time-->





#53

t-1,3-Dichloropropene

Concen: 42.688 ug/l

RT: 8.42 min Scan# 790

Delta R.T. -0.01 min

Lab File: VF060514.D

Acq: 26 Oct 2018 11:01

Instrument :

MSVOA\_F

ClientSampleId :

ICVVF102518

Tot Ion: 75 Resp: 194230

Ion Ratio Lower Upper

75 100

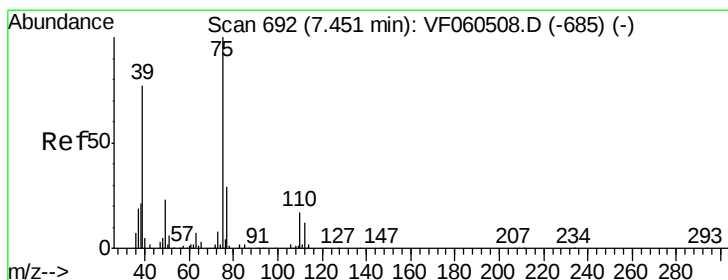
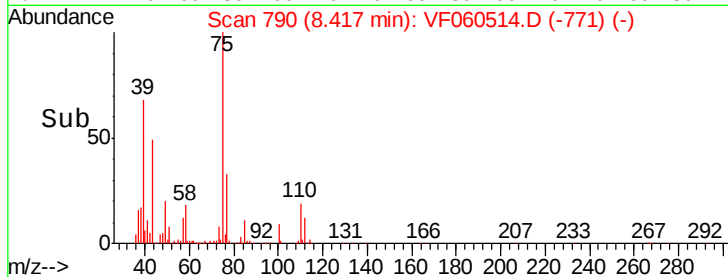
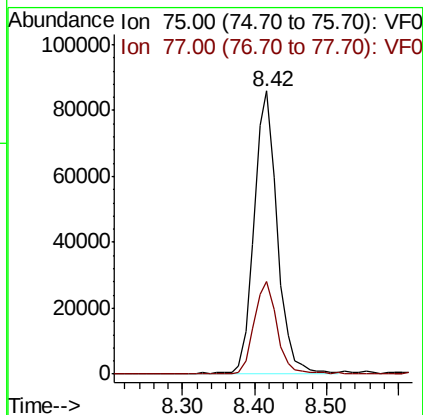
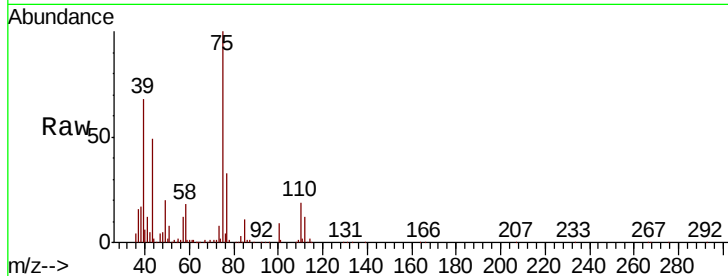
77 32.7 23.7 35.5

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#54

cis-1,3-Dichloropropene

Concen: 46.380 ug/l

RT: 7.44 min Scan# 691

Delta R.T. -0.01 min

Lab File: VF060514.D

Acq: 26 Oct 2018 11:01

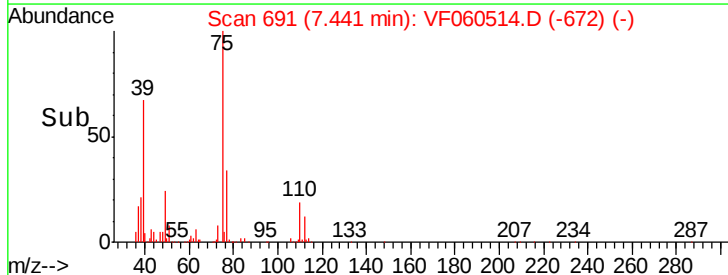
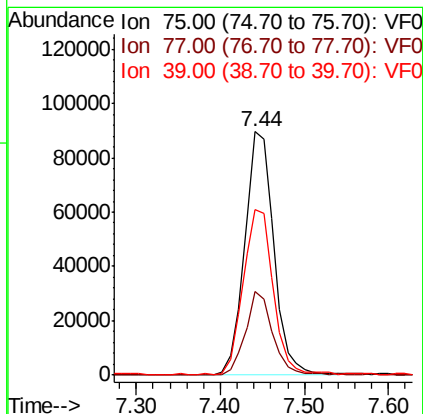
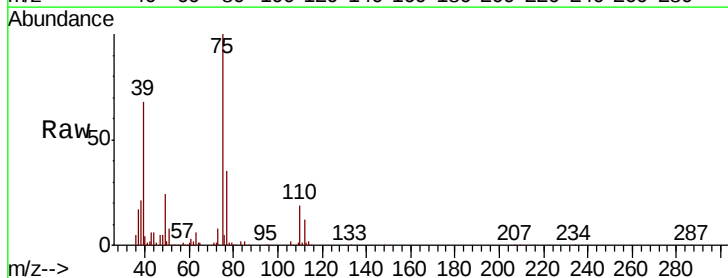
Tgt Ion: 75 Resp: 217383

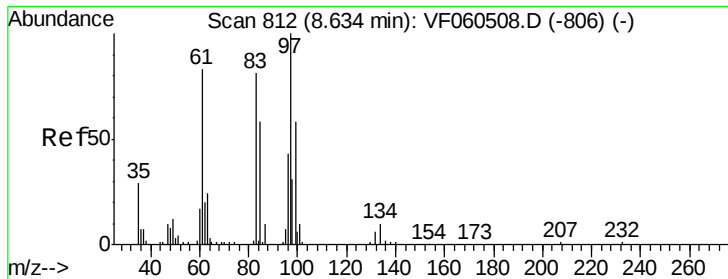
Ion Ratio Lower Upper

75 100

77 34.5 23.6 35.4

39 67.8 61.6 92.4





#55

1,1,2-Trichloroethane

Concen: 46.110 ug/l

RT: 8.62 min Scan# 811

Delta R.T. -0.01 min

Lab File: VF060514.D

Acq: 26 Oct 2018 11:01

Instrument :

MSVOA\_F

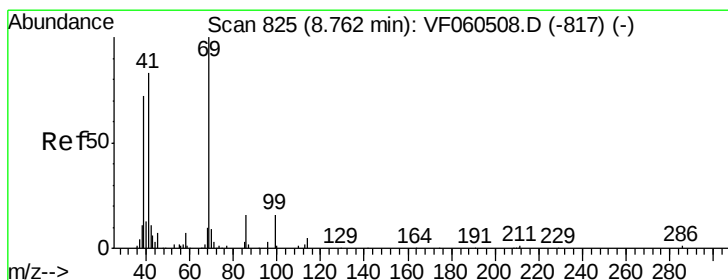
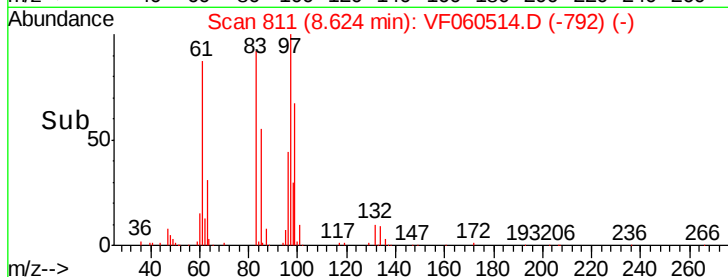
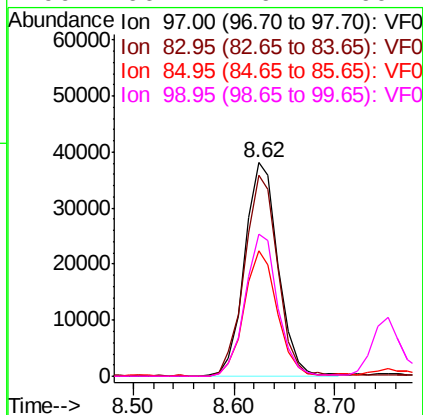
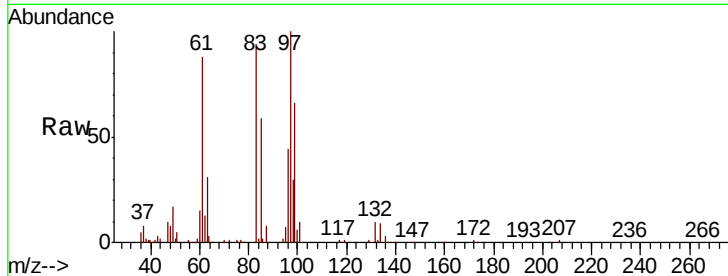
ClientSampleId :

ICVVF102518

| Tot Ion   | 97    | Resp: | 88475 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 97        | 100   |       |       |
| 83        | 94.1  | 65.0  | 97.4  |
| 85        | 59.0  | 47.0  | 70.6  |
| 99        | 66.4  | 46.2  | 69.4  |

Manual Integrations  
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#56

Ethyl methacrylate

Concen: 49.185 ug/l

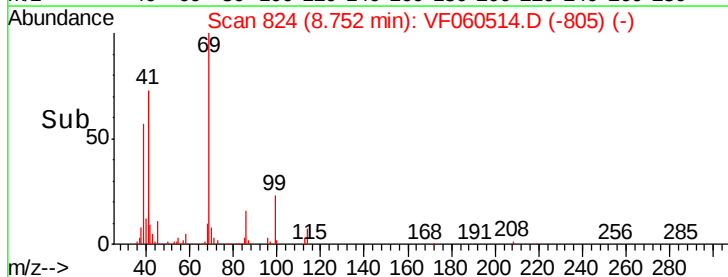
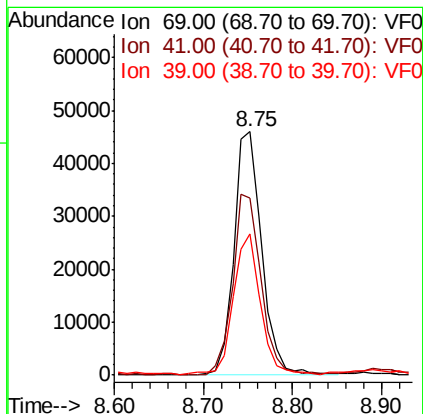
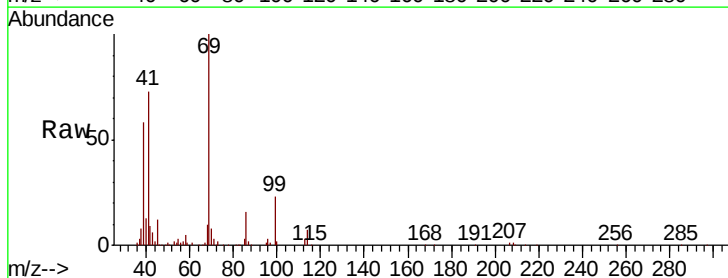
RT: 8.75 min Scan# 824

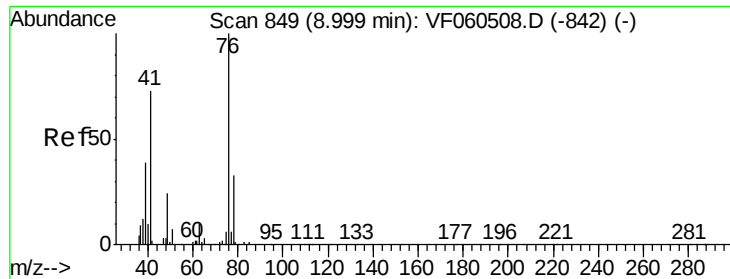
Delta R.T. -0.01 min

Lab File: VF060514.D

Acq: 26 Oct 2018 11:01

| Tgt Ion   | 69    | Resp: | 100661 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 69        | 100   |       |        |
| 41        | 73.0  | 67.2  | 100.8  |
| 39        | 58.0  | 58.4  | 87.6#  |





#57

1,3-Dichloropropane

Concen: 42.603 ug/l

RT: 8.99 min Scan# 848

Delta R.T. -0.01 min

Lab File: VF060514.D

Acq: 26 Oct 2018 11:01

Instrument :

MSVOA\_F

ClientSampleId :

ICVVF102518

Tot Ion: 76 Resp: 143154

Ion Ratio Lower Upper

76 100

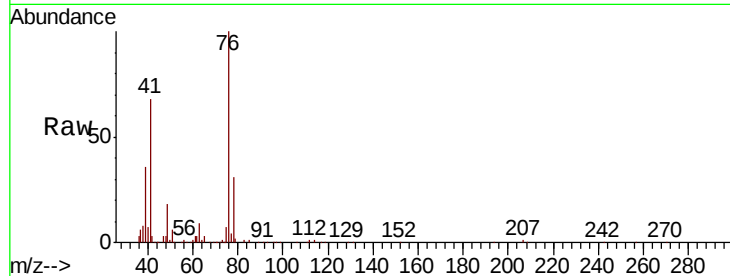
78 31.5 26.6 40.0

Manual Integrations

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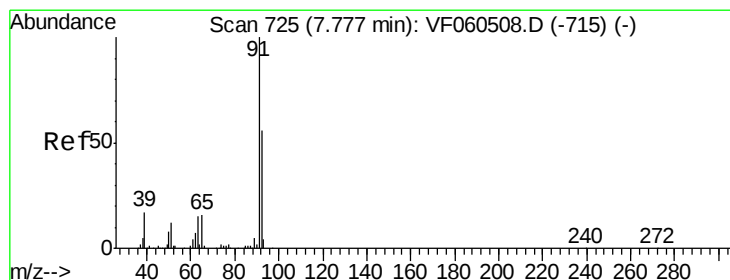
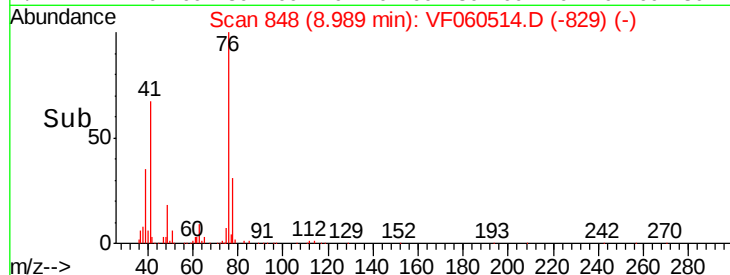
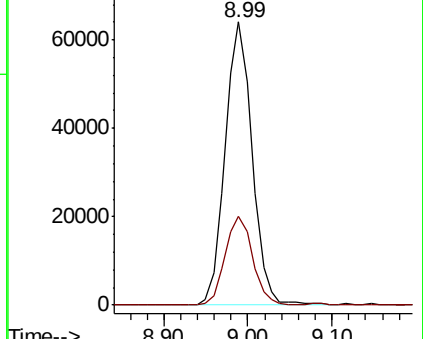
apatel

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Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0



#58

2-Chloroethyl Vinyl ether

Concen: 198.385 ug/l

RT: 7.77 min Scan# 724

Delta R.T. -0.01 min

Lab File: VF060514.D

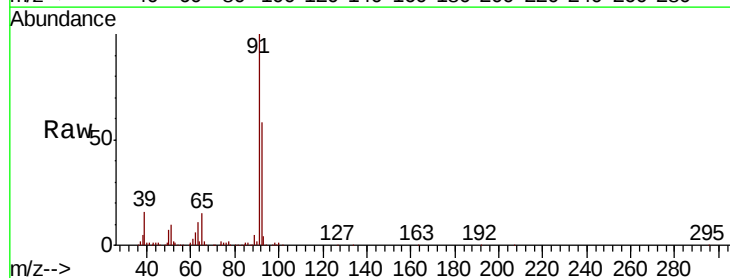
Acq: 26 Oct 2018 11:01

Tgt Ion: 63 Resp: 56143

Ion Ratio Lower Upper

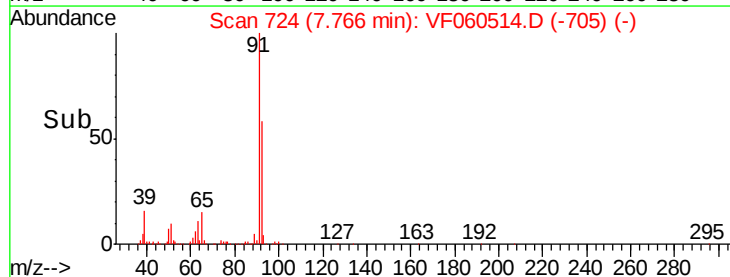
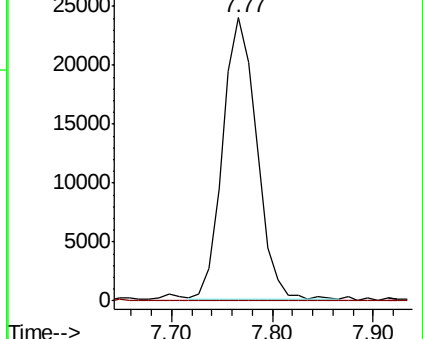
63 100

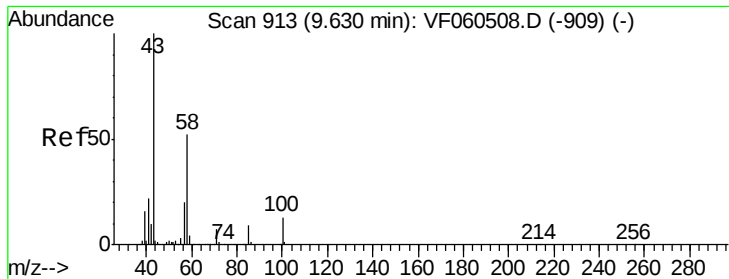
106 0.0 0.0 0.0



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 106.00 (105.70 to 106.70): V





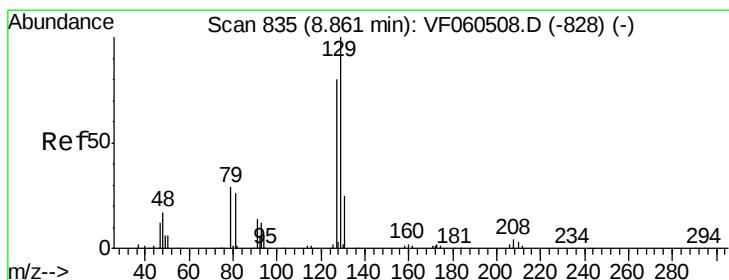
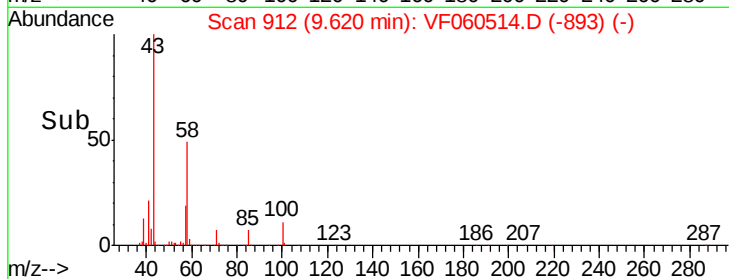
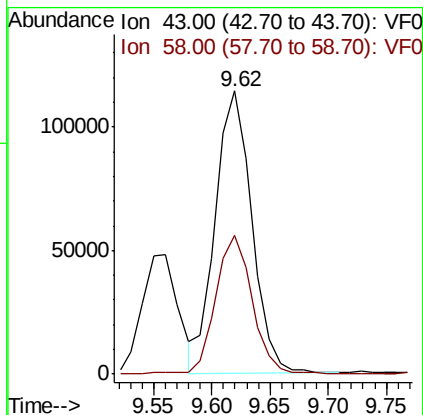
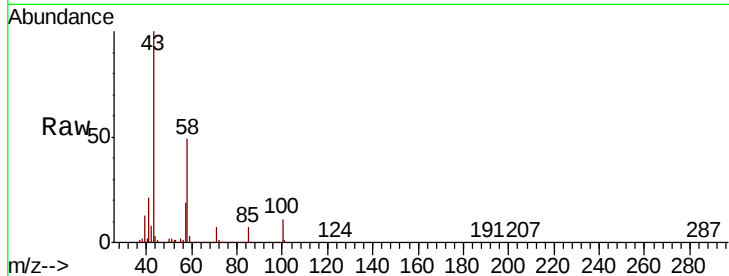
#59  
2-Hexanone  
Concen: 254.663 ug/l  
RT: 9.62 min Scan# 912  
Delta R.T. -0.01 min  
Lab File: VF060514.D  
Acq: 26 Oct 2018 11:01

Instrument :  
MSVOA\_F  
ClientSampleId :  
ICVVF102518

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 49.2  | 23.5  | 70.5  |

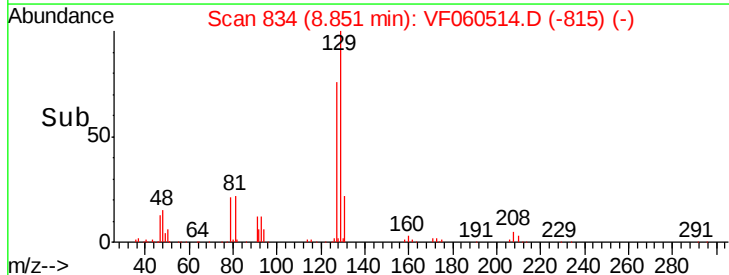
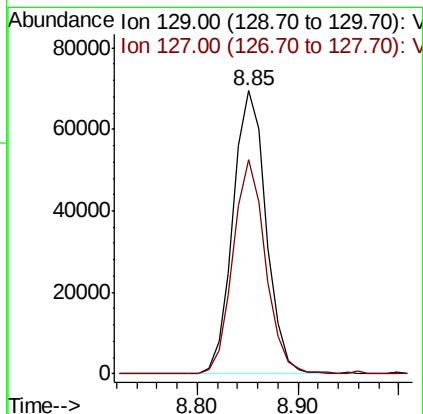
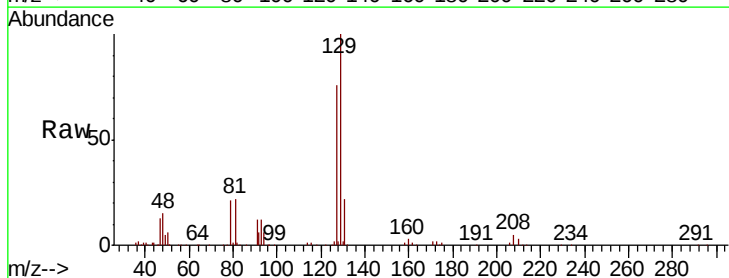
Manual Integrations  
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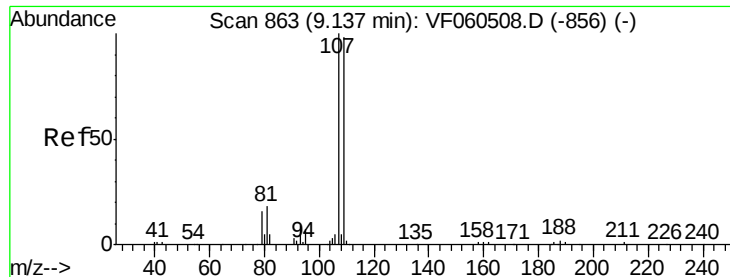
apatel  
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#60  
Dibromochloromethane  
Concen: 43.567 ug/l  
RT: 8.85 min Scan# 834  
Delta R.T. -0.01 min  
Lab File: VF060514.D  
Acq: 26 Oct 2018 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 129     | 100   |       |       |
| 127     | 78.0  | 40.2  | 120.5 |





#61

1,2-Dibromoethane

Concen: 42.954 ug/l

RT: 9.13 min Scan# 862

Delta R.T. -0.01 min

Lab File: VF060514.D

Acq: 26 Oct 2018 11:01

Instrument :

MSVOA\_F

ClientSampleId :

ICVVF102518

Tot Ion:107 Resp: 97990

Ion Ratio Lower Upper

107 100

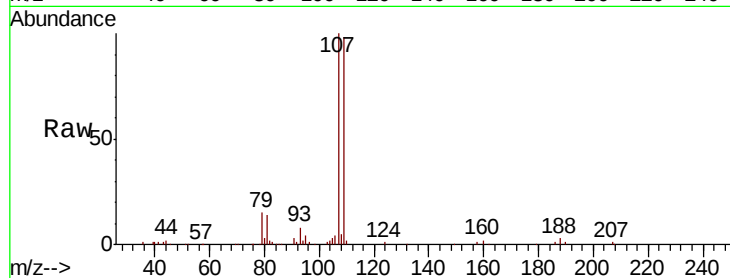
109 98.4 78.6 118.0

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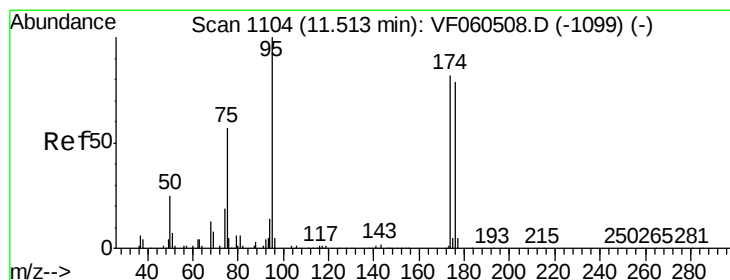
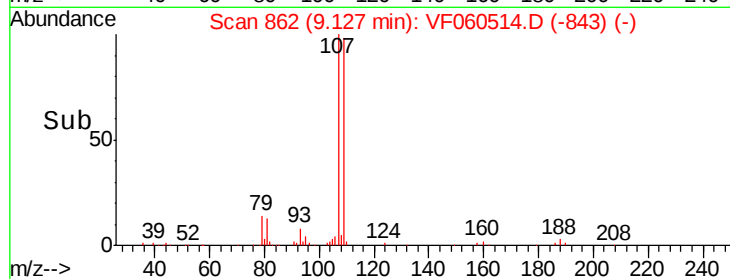
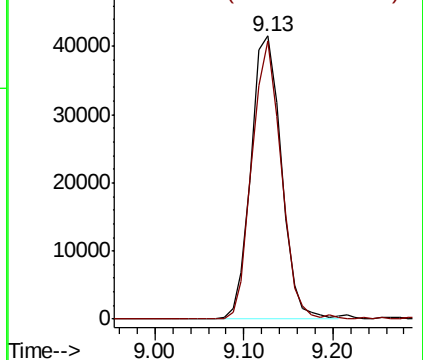
apatel

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Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



#62

4-Bromofluorobenzene

Concen: 39.899 ug/l

RT: 11.50 min Scan# 1103

Delta R.T. -0.01 min

Lab File: VF060514.D

Acq: 26 Oct 2018 11:01

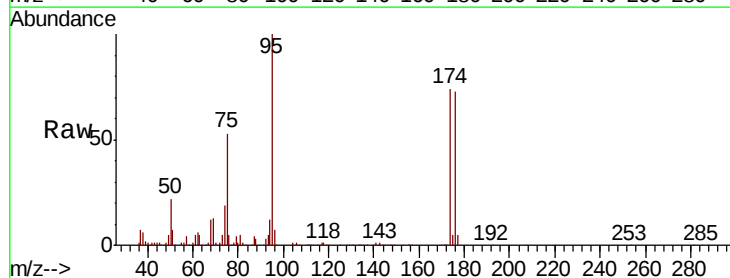
Tgt Ion: 95 Resp: 202354

Ion Ratio Lower Upper

95 100

174 73.6 0.0 164.2

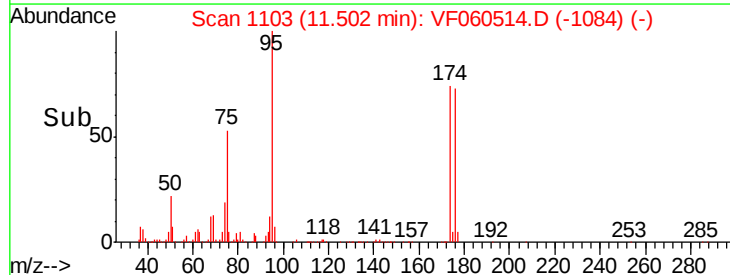
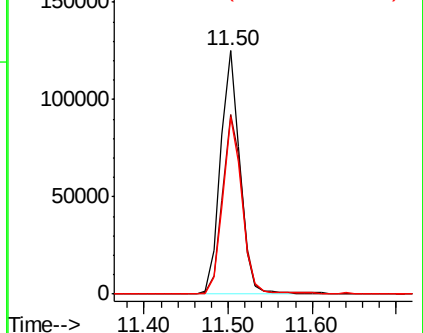
176 72.6 0.0 158.4

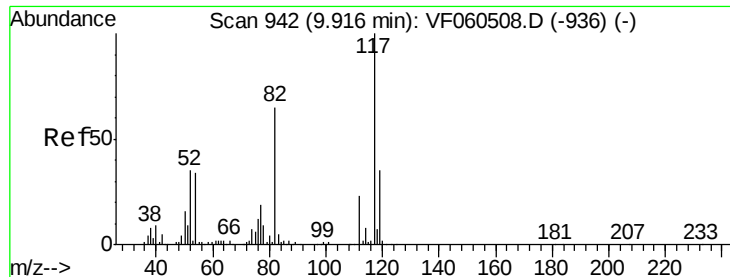


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V





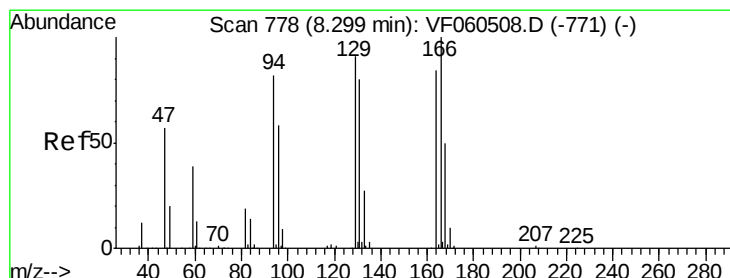
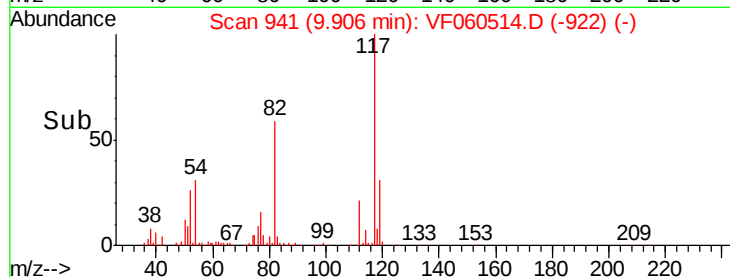
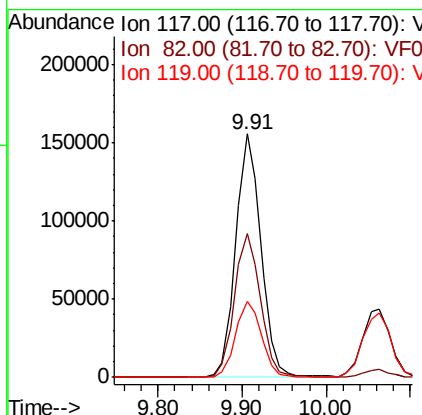
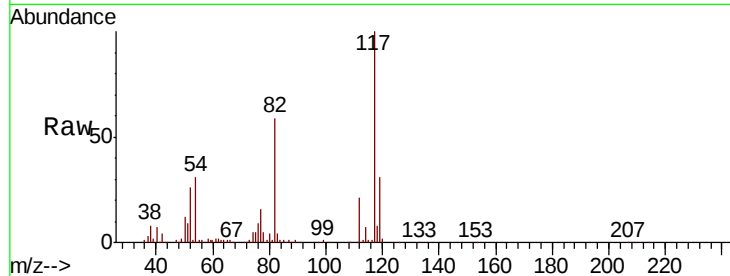
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.91 min Scan# 941  
Delta R.T. -0.01 min  
Lab File: VF060514.D  
Acq: 26 Oct 2018 11:01

Instrument :  
MSVOA\_F  
ClientSampleId :  
ICVVF102518

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 59.1  | 51.7  | 77.5  |
| 119     | 31.0  | 28.3  | 42.5  |

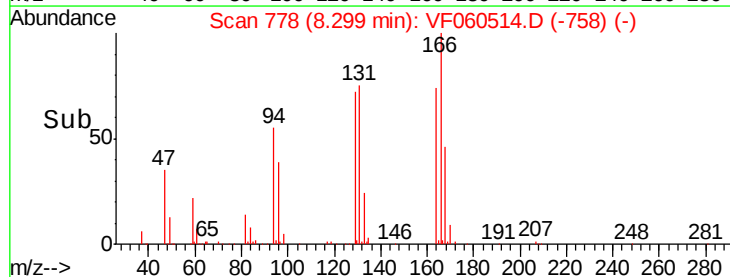
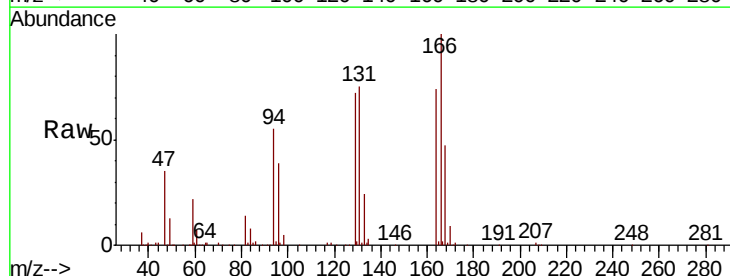
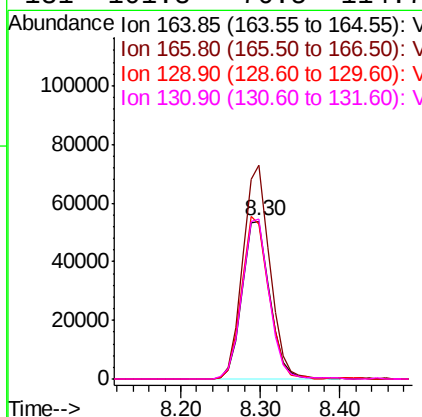
Manual Integrations  
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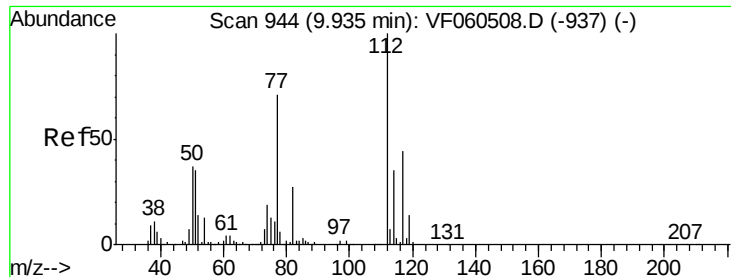
apatel  
10/29/2018 12:11:54 PM



#64  
Tetrachloroethene  
Concen: 46.633 ug/l  
RT: 8.30 min Scan# 778  
Delta R.T. -0.00 min  
Lab File: VF060514.D  
Acq: 26 Oct 2018 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 135.4 | 95.1  | 142.7 |
| 129     | 97.9  | 86.3  | 129.5 |
| 131     | 101.8 | 76.5  | 114.7 |





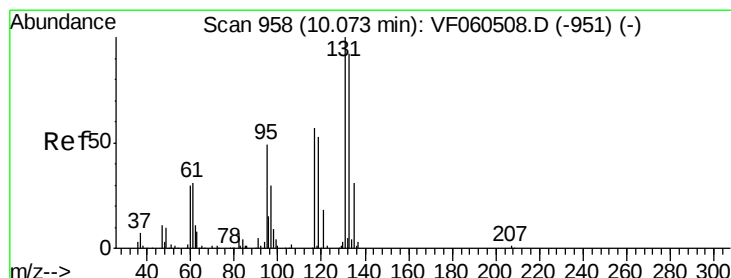
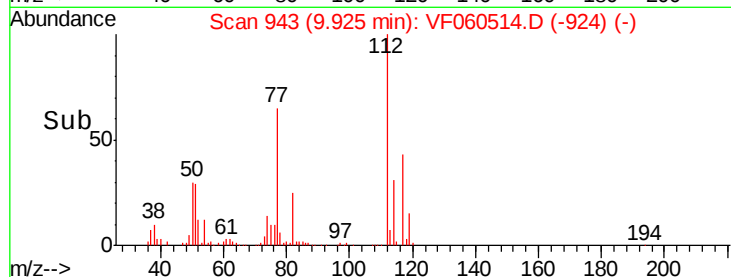
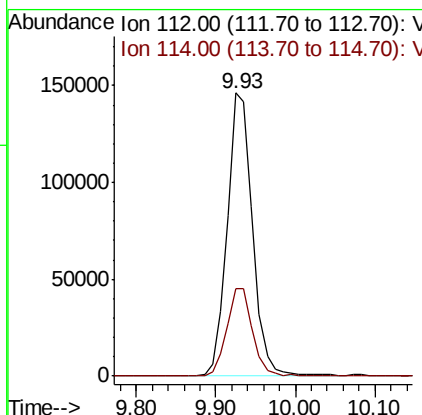
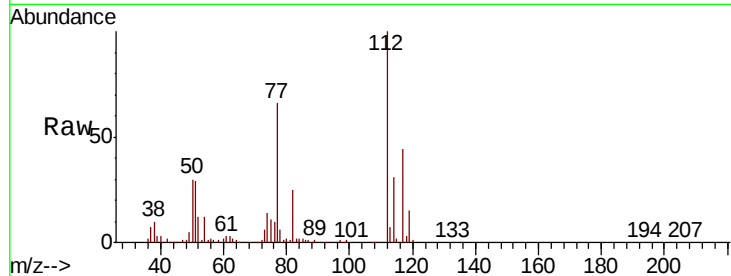
#65  
Chlorobenzene  
Concen: 47.742 ug/l  
RT: 9.93 min Scan# 943  
Delta R.T. -0.01 min  
Lab File: VF060514.D  
Acq: 26 Oct 2018 11:01

Instrument :  
MSVOA\_F  
ClientSampleId :  
ICVVF102518

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 327596 |       |       |
| 114     | 31.1  | 27.7   | 41.5  |       |

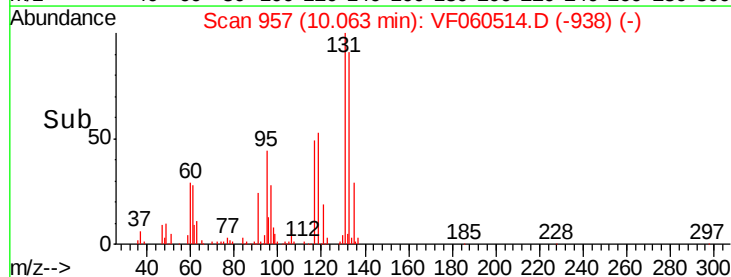
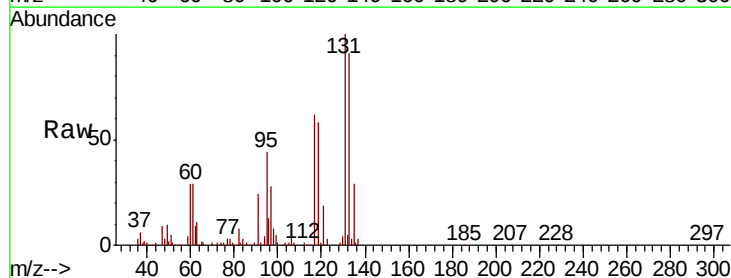
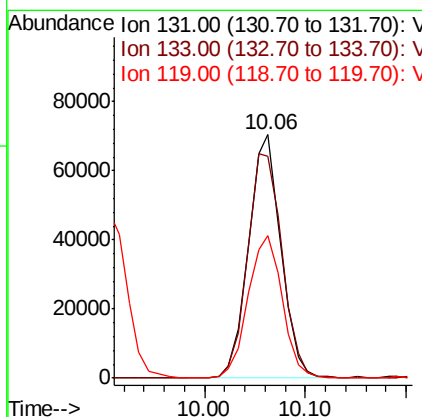
Manual Integrations  
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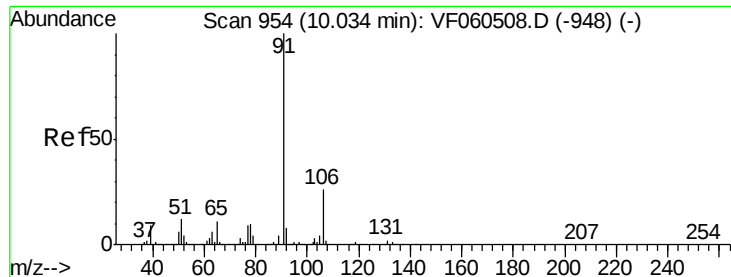
apatel  
10/29/2018 12:11:54 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 44.466 ug/l  
RT: 10.06 min Scan# 957  
Delta R.T. -0.01 min  
Lab File: VF060514.D  
Acq: 26 Oct 2018 11:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 131     | 100   | 157945 |       |       |
| 133     | 91.1  | 46.1   | 138.2 |       |
| 119     | 58.3  | 27.0   | 80.8  |       |





#67

Ethyl Benzene

Concen: 45.574 ug/l

RT: 10.02 min Scan# 953

Delta R.T. -0.01 min

Lab File: VF060514.D

Acq: 26 Oct 2018 11:01

Instrument :

MSVOA\_F

ClientSampleId :

ICVVF102518

Tot Ion: 91 Resp: 638614

Ion Ratio Lower Upper

91 100

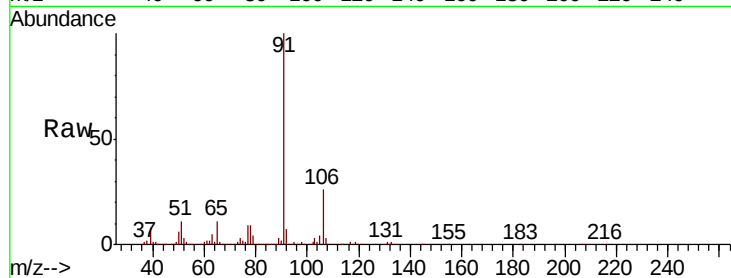
106 26.0 20.7 31.1

Manual Integrations

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apatel

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Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V

500000

400000

300000

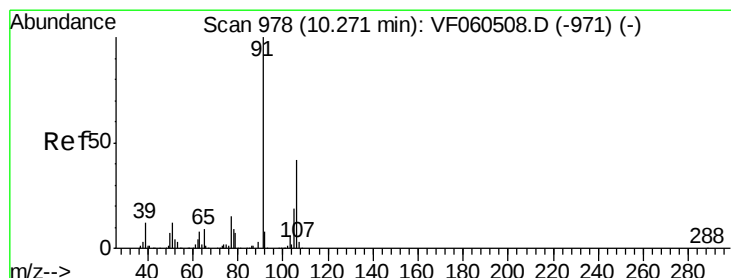
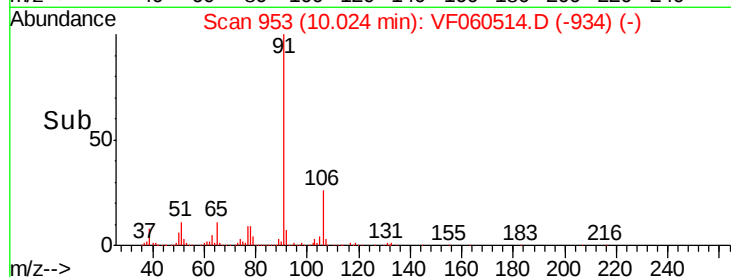
200000

100000

0

9.90 10.00 10.10 10.20

Time-->



#68

m/p-Xylenes

Concen: 90.616 ug/l

RT: 10.26 min Scan# 977

Delta R.T. -0.01 min

Lab File: VF060514.D

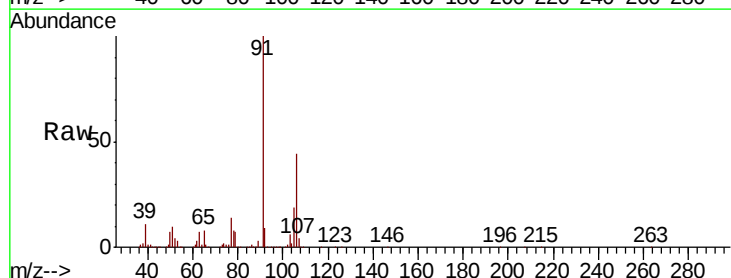
Acq: 26 Oct 2018 11:01

Tgt Ion:106 Resp: 398630

Ion Ratio Lower Upper

106 100

91 229.2 192.5 288.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0

500000

400000

300000

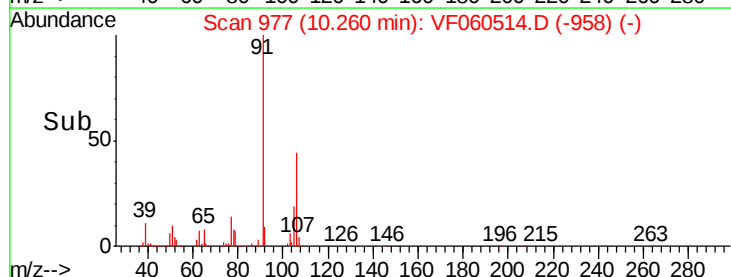
200000

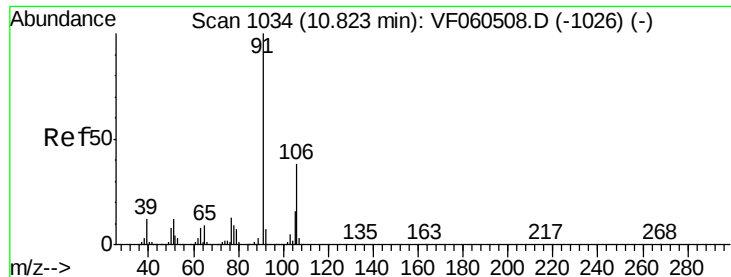
100000

0

10.10 10.20 10.30 10.40

Time-->





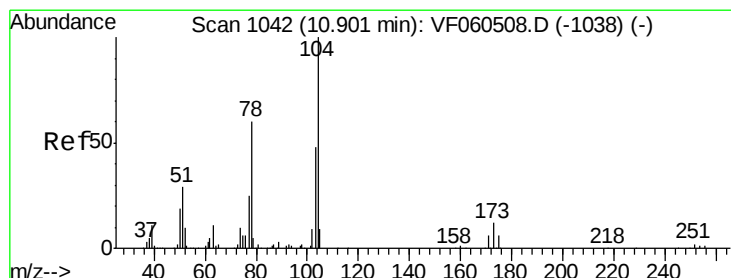
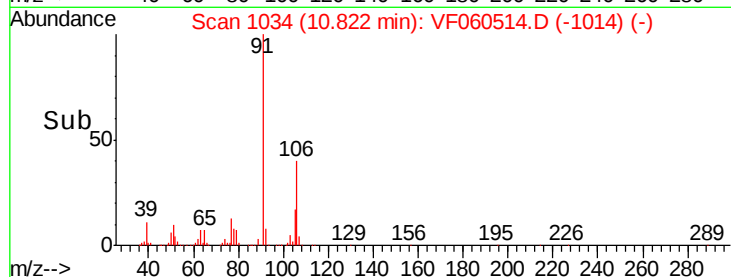
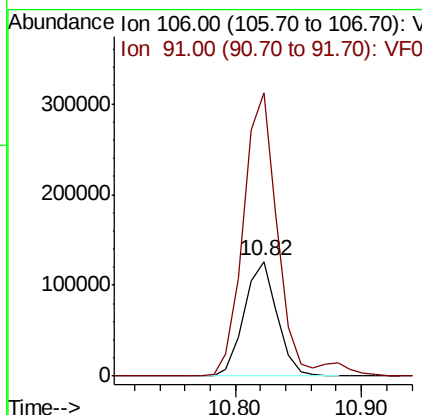
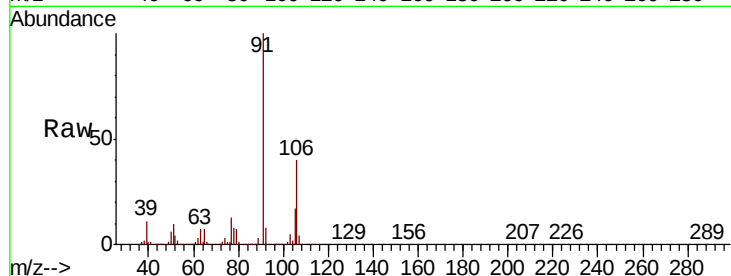
#69  
o-Xylene  
Concen: 46.212 ug/l  
RT: 10.82 min Scan# 1034  
Delta R.T. -0.00 min  
Lab File: VF060514.D  
Acq: 26 Oct 2018 11:01

Instrument :  
MSVOA\_F  
ClientSampleId :  
ICVVF102518

| Tot Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 106     | 100   |       | 228042 |       |       |
| 91      | 247.4 | 130.9 | 392.7  |       |       |

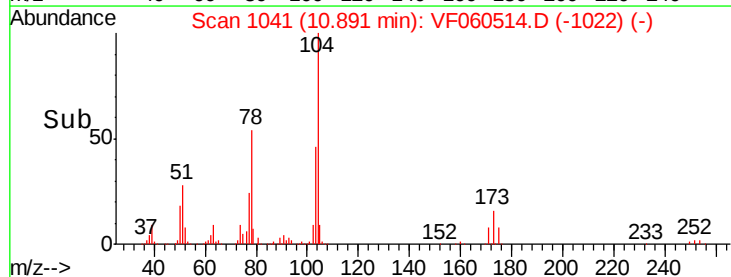
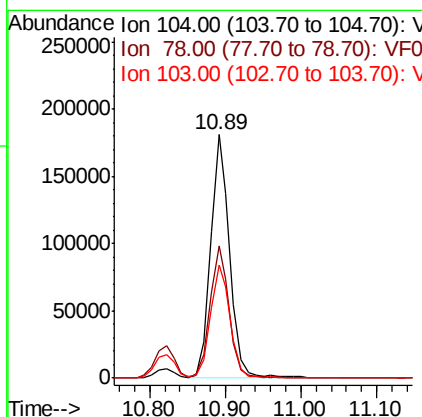
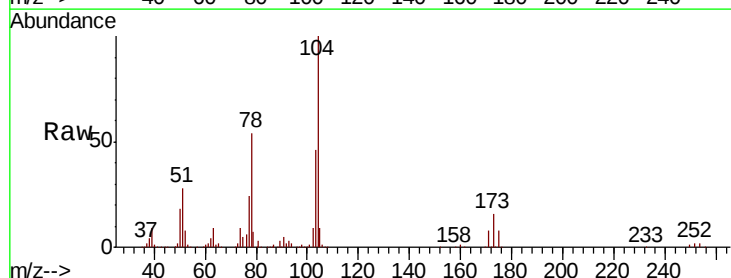
Manual Integrations  
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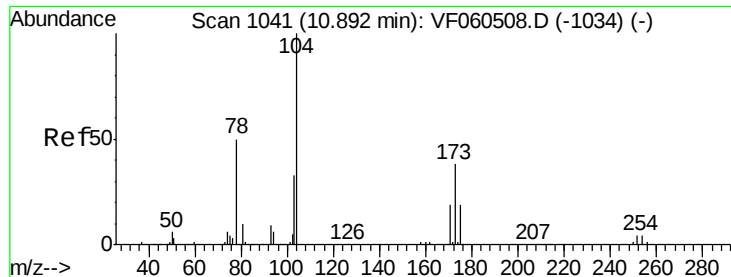
apatel  
10/29/2018 12:11:54 PM



#70  
Styrene  
Concen: 46.009 ug/l  
RT: 10.89 min Scan# 1041  
Delta R.T. -0.01 min  
Lab File: VF060514.D  
Acq: 26 Oct 2018 11:01

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 104     | 100  |       | 316964 |       |       |
| 78      | 54.4 | 48.7  | 73.1   |       |       |
| 103     | 46.5 | 38.8  | 58.2   |       |       |





#71

Bromoform

Concen: 41.216 ug/l

RT: 10.88 min Scan# 1040

Delta R.T. -0.01 min

Lab File: VF060514.D

Acq: 26 Oct 2018 11:01

Instrument :

MSVOA\_F

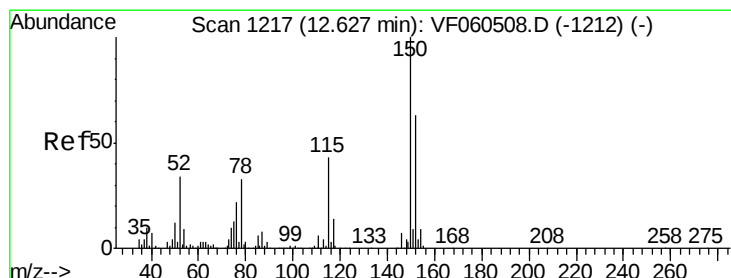
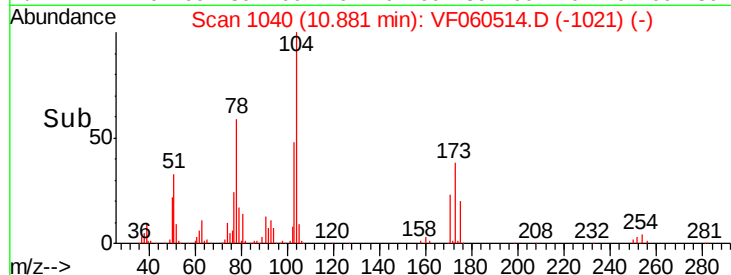
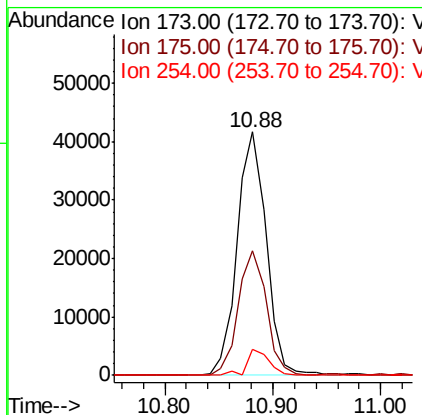
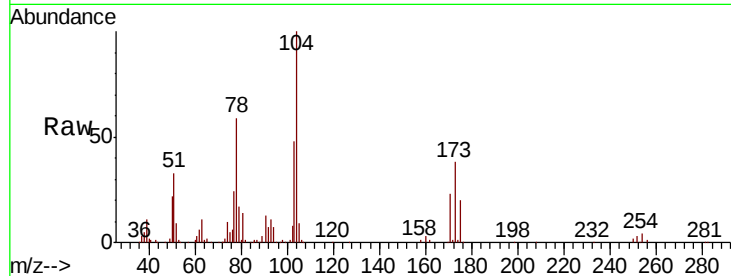
ClientSampleId :

ICVVF102518

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 51.1  | 25.5  | 76.5  |
| 254     | 10.9  | 0.0   | 0.0#  |

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

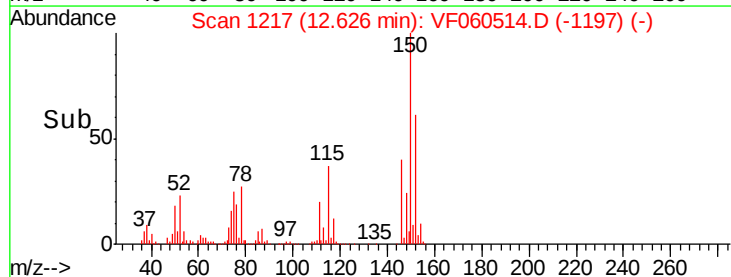
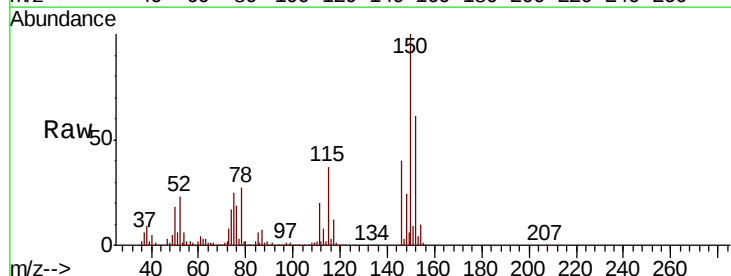
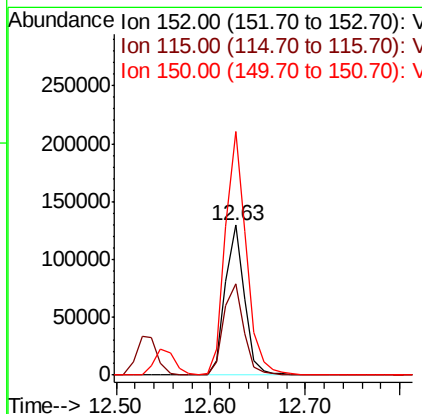
RT: 12.63 min Scan# 1217

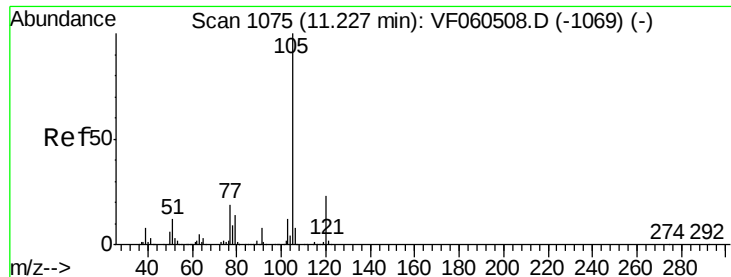
Delta R.T. -0.00 min

Lab File: VF060514.D

Acq: 26 Oct 2018 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 60.8  | 34.6  | 103.9 |
| 150     | 162.6 | 0.0   | 319.8 |





#73

Isopropylbenzene

Concen: 52.994 ug/l

RT: 11.22 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VF060514.D

Acq: 26 Oct 2018 11:01

Instrument :

MSVOA\_F

ClientSampleId :

ICVVF102518

Tot Ion: 105 Resp: 771831

Ion Ratio Lower Upper

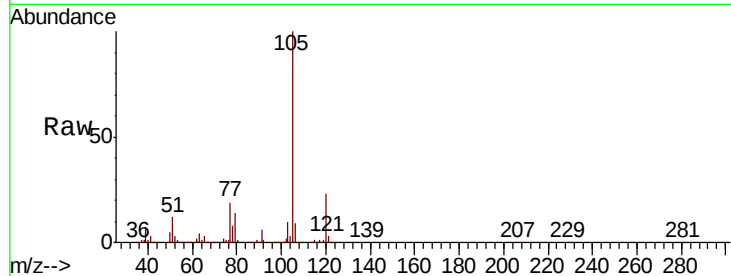
105 100

120 23.3 11.6 34.7

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.22

400000

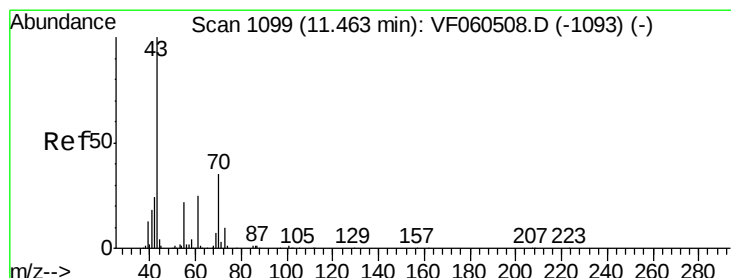
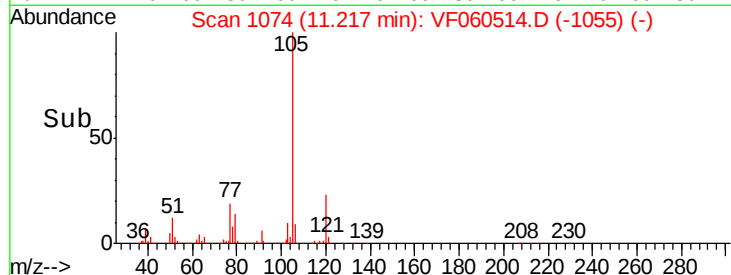
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 55.209 ug/l

RT: 11.45 min Scan# 1098

Delta R.T. -0.01 min

Lab File: VF060514.D

Acq: 26 Oct 2018 11:01

Tgt Ion: 43 Resp: 142795

Ion Ratio Lower Upper

43 100

70 34.9 28.2 42.2

55 22.5 17.9 26.9

61 24.2 19.9 29.9

Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

120000

100000

80000

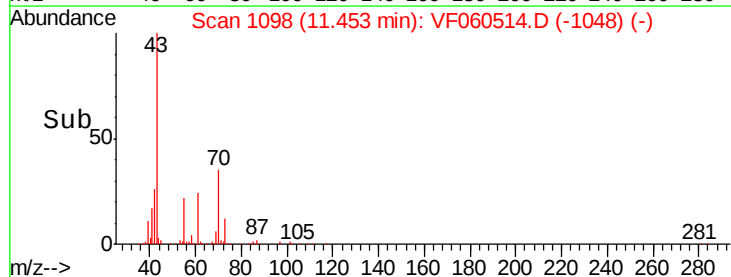
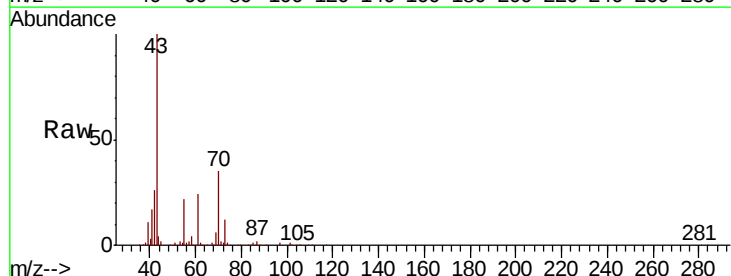
60000

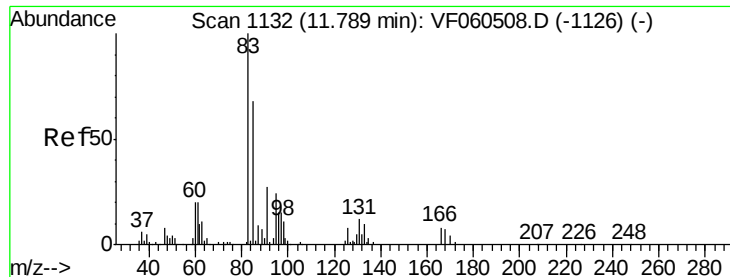
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 54.740 ug/l

RT: 11.78 min Scan# 1131

Delta R.T. -0.01 min

Lab File: VF060514.D

Acq: 26 Oct 2018 11:01

Instrument :

MSVOA\_F

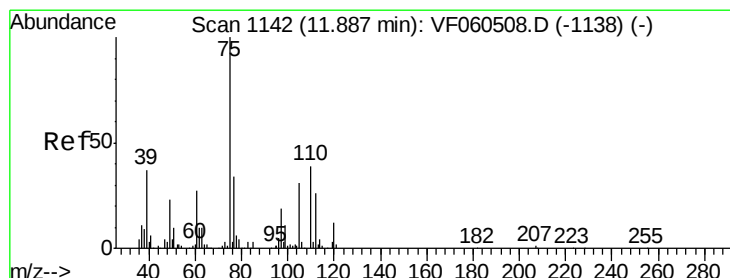
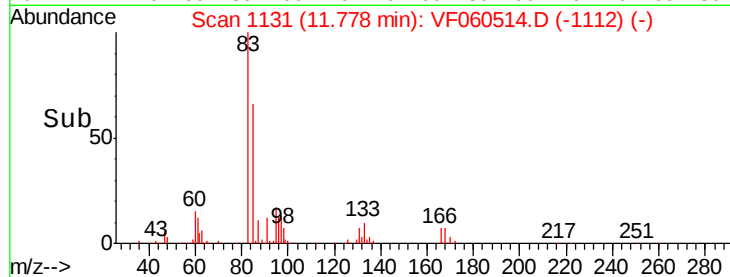
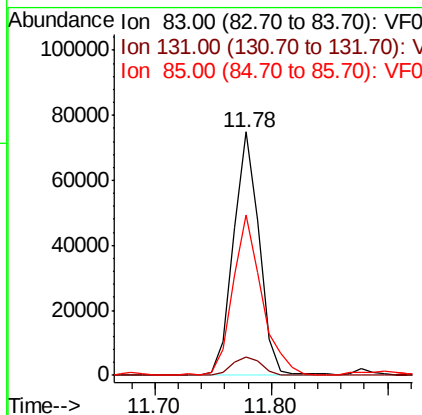
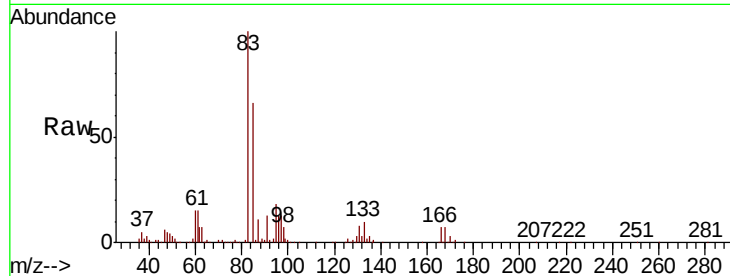
ClientSampleId :

ICVVF102518

| Tot Ion   | 83   | Resp  | 114878 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 83        | 100  |       |        |
| 131       | 7.6  | 5.8   | 17.4   |
| 85        | 65.8 | 34.2  | 102.6  |

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#76

1,2,3-Trichloropropane

Concen: 47.347 ug/l

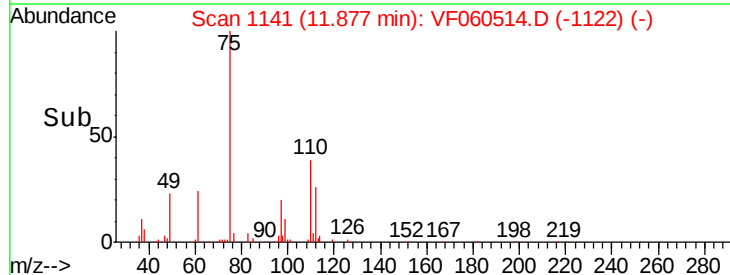
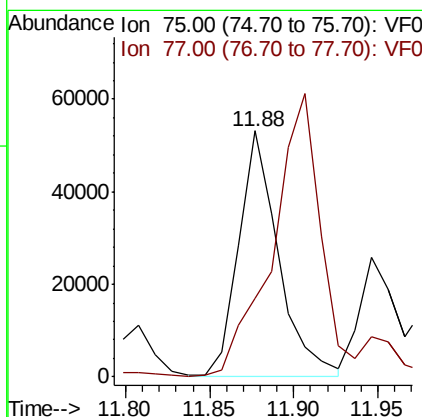
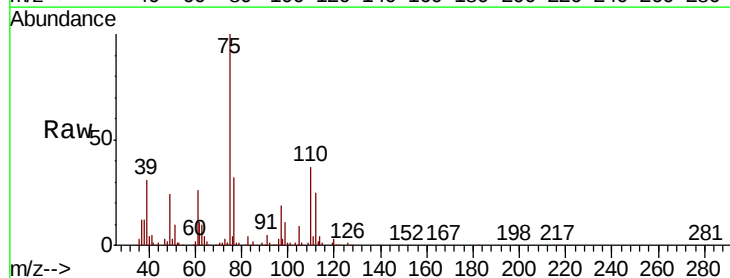
RT: 11.88 min Scan# 1141

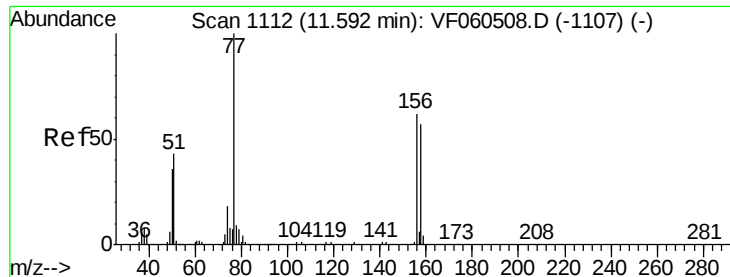
Delta R.T. -0.01 min

Lab File: VF060514.D

Acq: 26 Oct 2018 11:01

| Tgt Ion   | 75   | Resp  | 86752 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 75        | 100  |       |       |
| 77        | 31.8 | 17.2  | 51.5  |





#77

Bromobenzene

Concen: 51.327 ug/l

RT: 11.59 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VF060514.D

Acq: 26 Oct 2018 11:01

Instrument :

MSVOA\_F

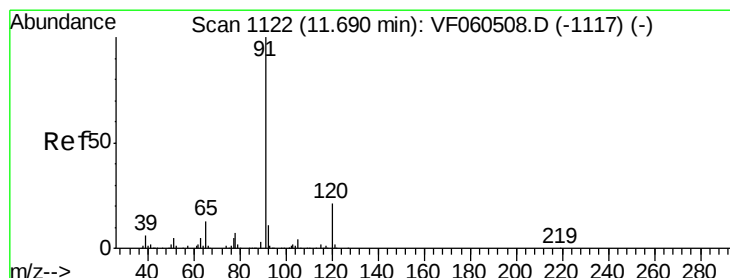
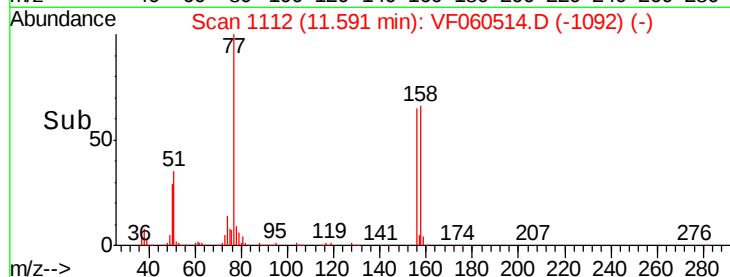
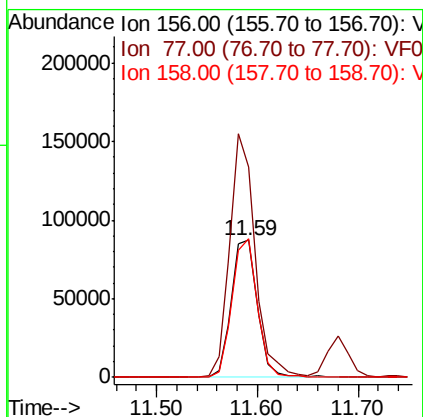
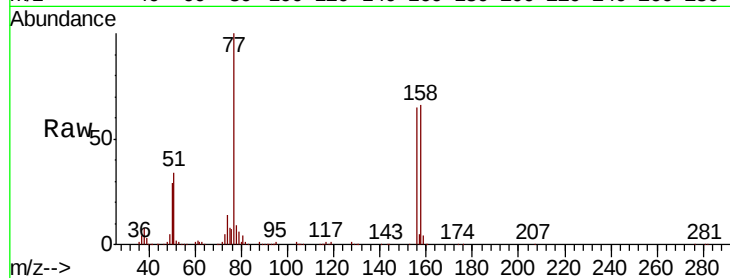
ClientSampleId :

ICVVF102518

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 155856 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 153.4 | 80.1  | 240.3  |
| 158       | 101.6 | 45.9  | 137.6  |

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#78

n-propylbenzene

Concen: 50.621 ug/l

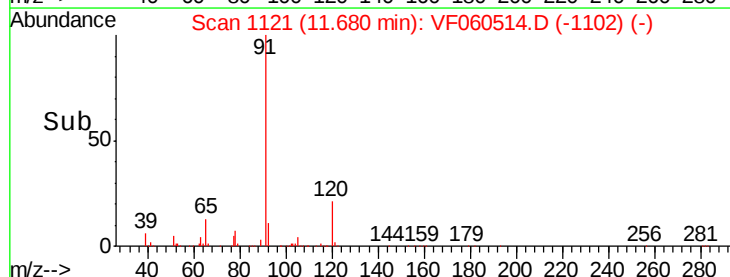
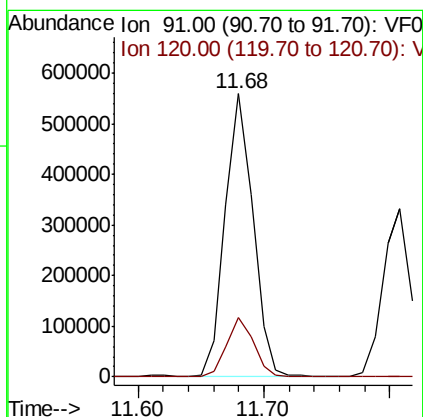
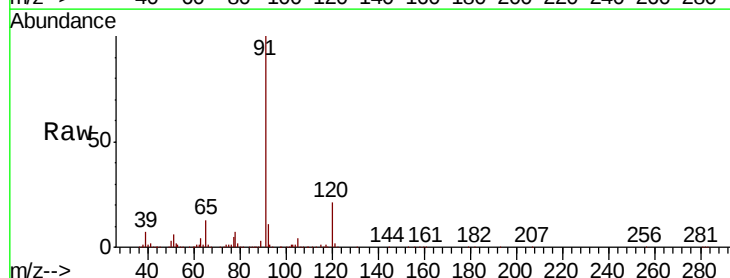
RT: 11.68 min Scan# 1121

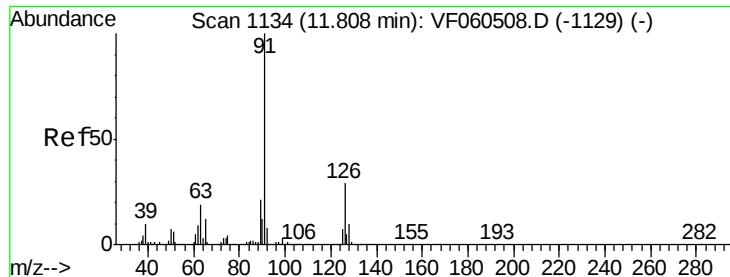
Delta R.T. -0.01 min

Lab File: VF060514.D

Acq: 26 Oct 2018 11:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 861941 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 20.9  | 10.3  | 30.9   |





#79

2-Chlorotoluene

Concen: 49.902 ug/l

RT: 11.81 min Scan# 1134

Delta R.T. -0.00 min

Lab File: VF060514.D

Acq: 26 Oct 2018 11:01

Instrument :

MSVOA\_F

ClientSampleId :

ICVVF102518

Tot Ion: 91 Resp: 514923

Ion Ratio Lower Upper

91 100

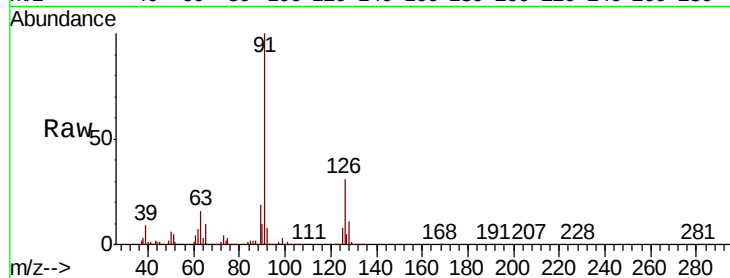
126 31.5 14.4 43.2

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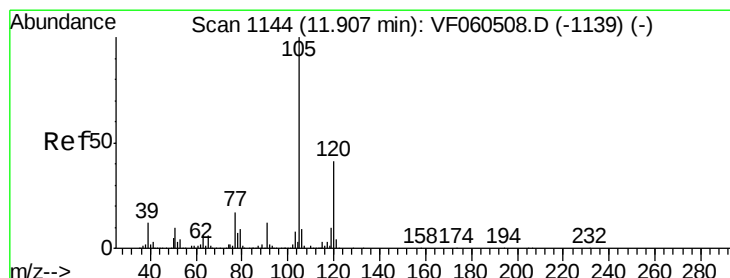
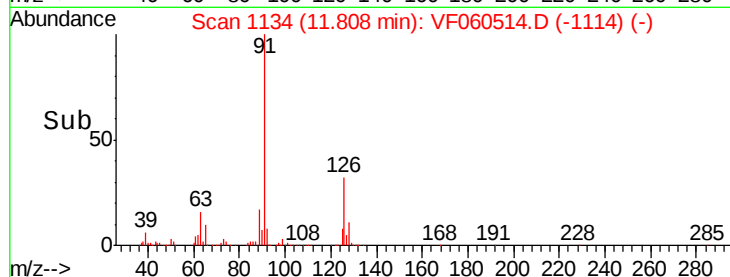
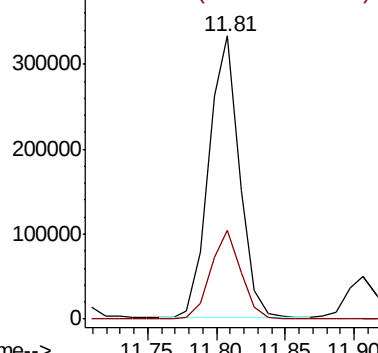
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Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V



#80

1,3,5-Trimethylbenzene

Concen: 50.074 ug/l

RT: 11.91 min Scan# 1144

Delta R.T. -0.00 min

Lab File: VF060514.D

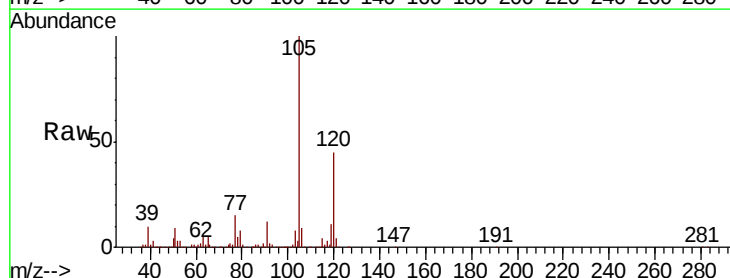
Acq: 26 Oct 2018 11:01

Tgt Ion: 105 Resp: 640487

Ion Ratio Lower Upper

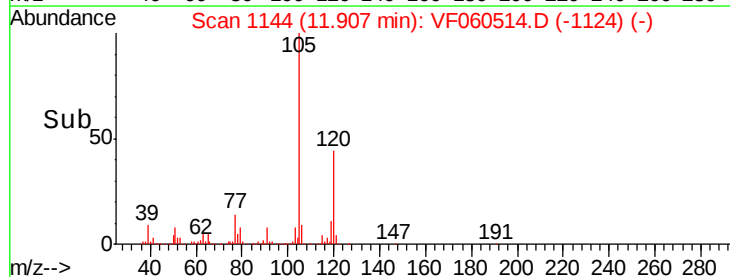
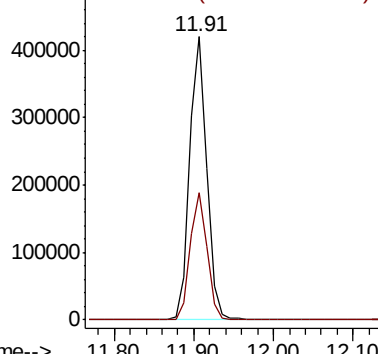
105 100

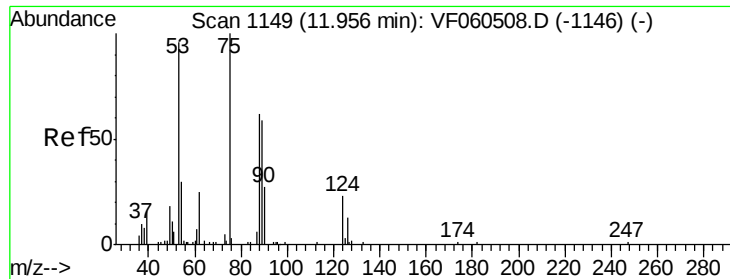
120 44.8 20.6 61.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





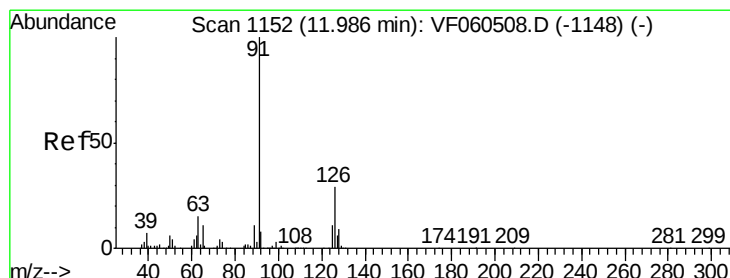
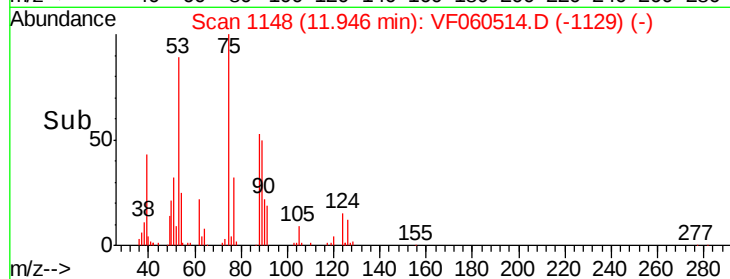
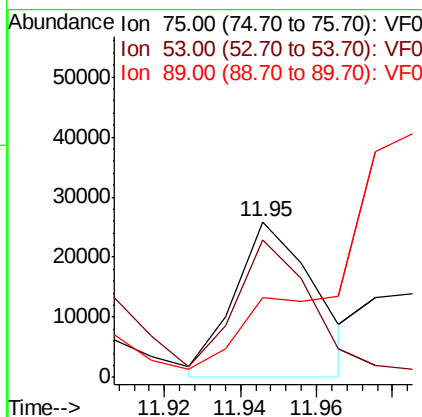
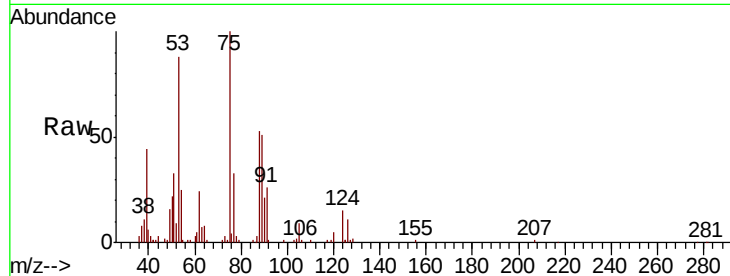
#81  
trans-1,4-Dichloro-2-butene  
Concen: 48.789 ug/l m  
RT: 11.95 min Scan# 1148  
Delta R.T. -0.01 min  
Lab File: VF060514.D  
Acq: 26 Oct 2018 11:01

Instrument :  
MSVOA\_F  
ClientSampleId :  
ICVVF102518

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 88.5  | 85.0  | 127.6 |
| 89      | 51.3  | 50.2  | 75.4  |

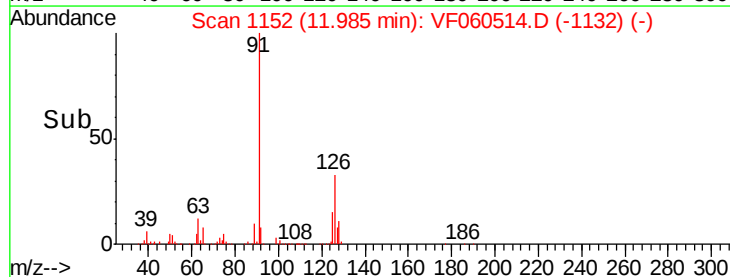
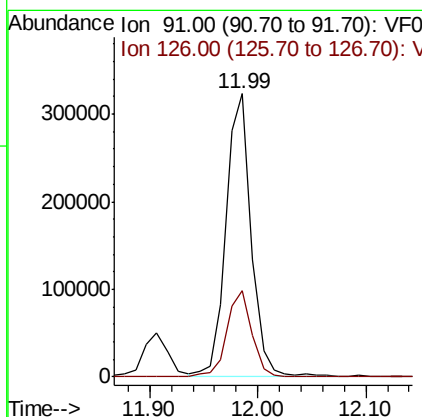
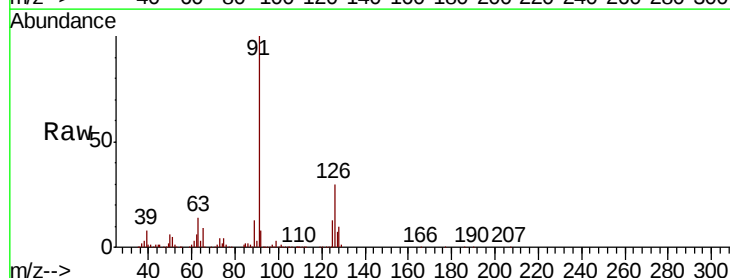
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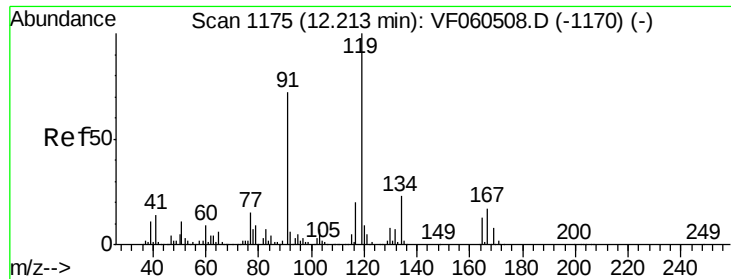
apatel  
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#82  
4-Chlorotoluene  
Concen: 47.572 ug/l  
RT: 11.99 min Scan# 1152  
Delta R.T. -0.00 min  
Lab File: VF060514.D  
Acq: 26 Oct 2018 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 30.5  | 14.8  | 44.4  |





#83

tert-Butylbenzene

Concen: 50.209 ug/l

RT: 12.21 min Scan# 1175

Delta R.T. -0.00 min

Lab File: VF060514.D

Acq: 26 Oct 2018 11:01

Instrument :

MSVOA\_F

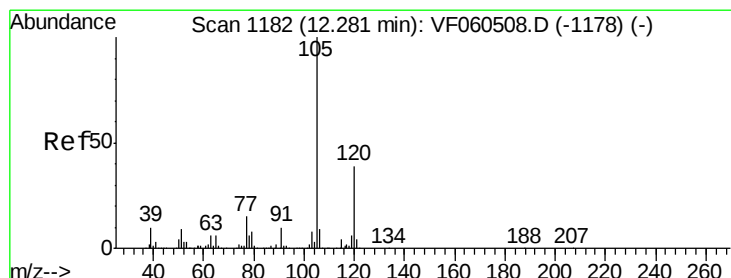
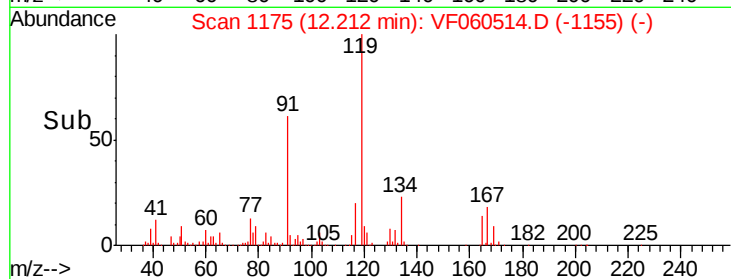
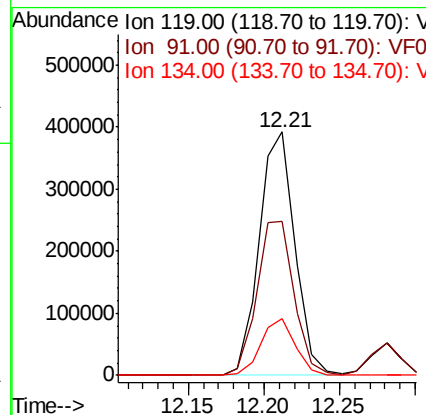
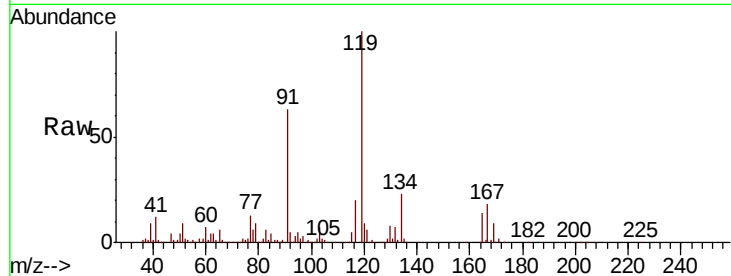
ClientSampleId :

ICVVF102518

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 63.1  | 36.3  | 108.9 |
| 134     | 23.2  | 11.4  | 34.2  |

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#84

1,2,4-Trimethylbenzene

Concen: 49.691 ug/l

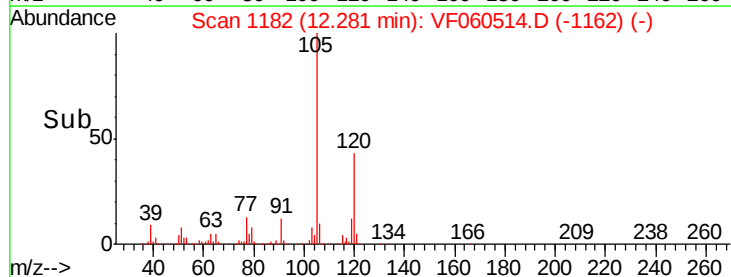
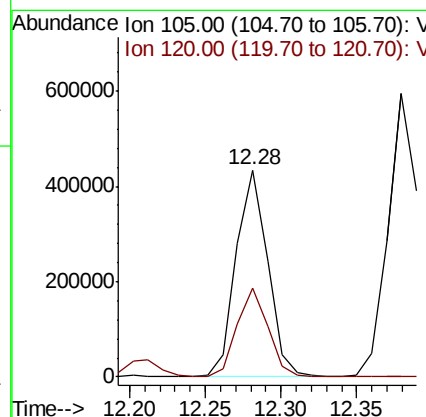
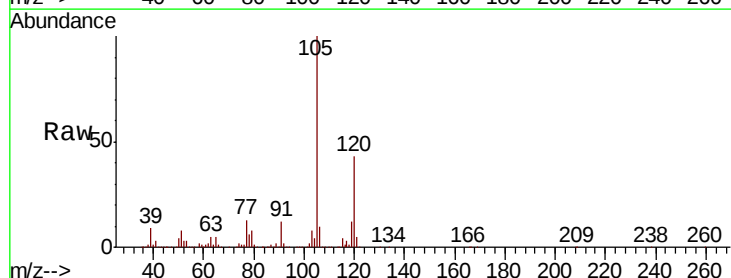
RT: 12.28 min Scan# 1182

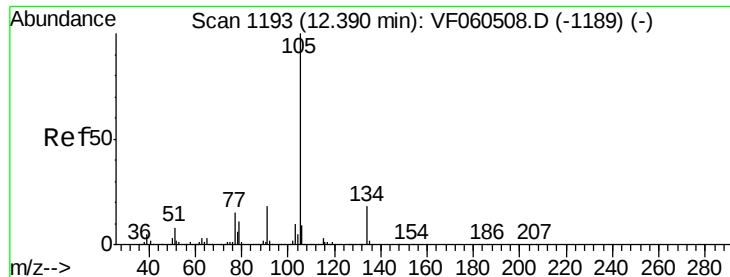
Delta R.T. -0.00 min

Lab File: VF060514.D

Acq: 26 Oct 2018 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 43.1  | 19.4  | 58.1  |





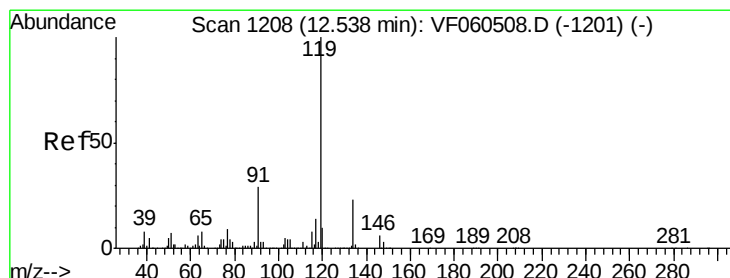
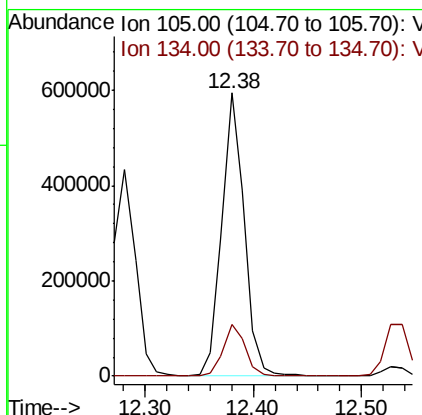
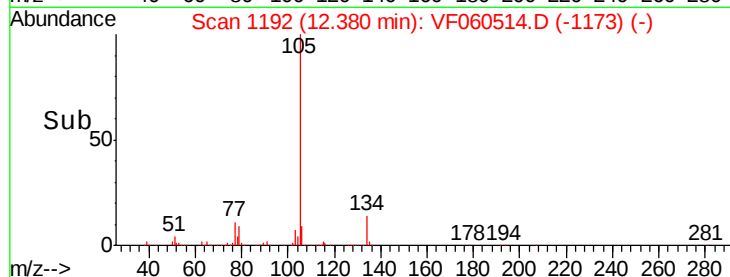
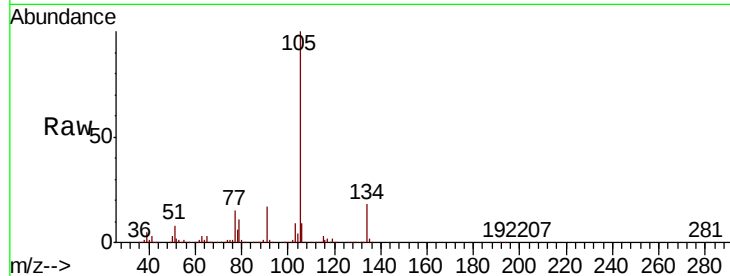
#85  
 sec-Butylbenzene  
 Concen: 49.007 ug/l  
 RT: 12.38 min Scan# 1192  
 Delta R.T. -0.01 min  
 Lab File: VF060514.D  
 Acq: 26 Oct 2018 11:01

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 ICVVF102518

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 134     | 18.2  | 9.2   | 27.4  |

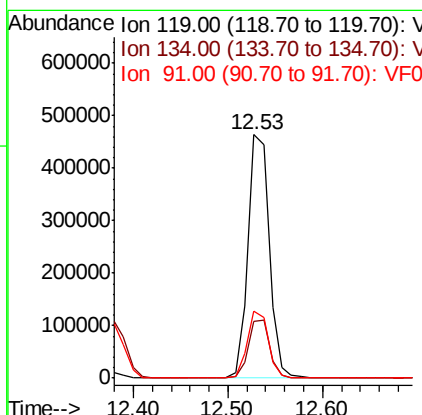
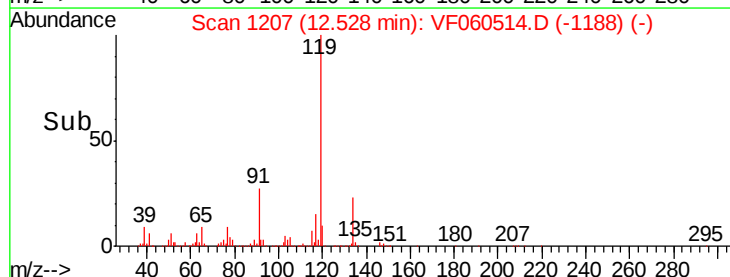
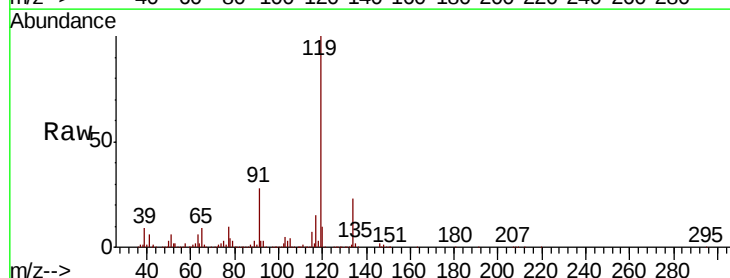
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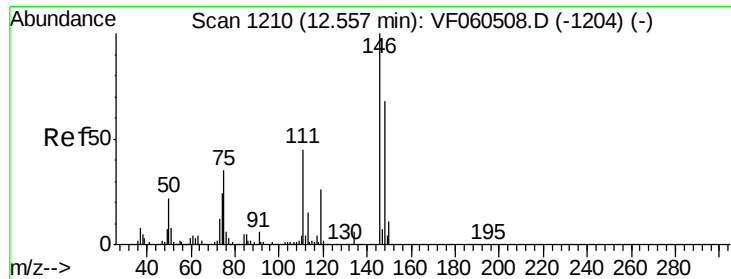
apatel  
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#86  
 p-Isopropyltoluene  
 Concen: 49.185 ug/l  
 RT: 12.53 min Scan# 1207  
 Delta R.T. -0.01 min  
 Lab File: VF060514.D  
 Acq: 26 Oct 2018 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 23.4  | 11.7  | 35.0  |
| 91      | 27.6  | 14.4  | 43.4  |





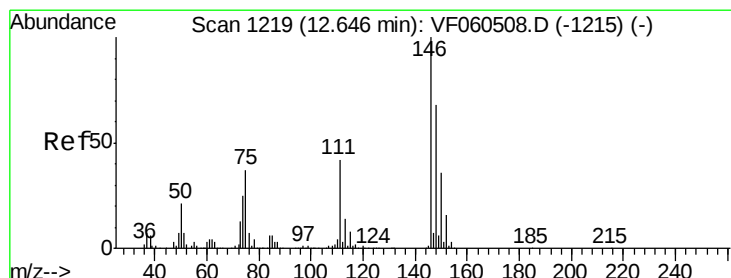
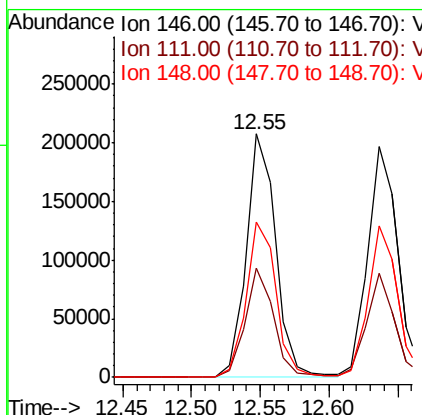
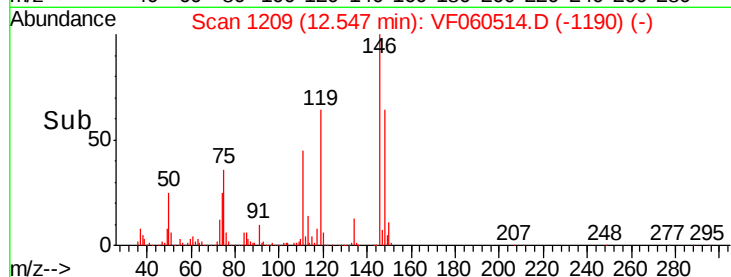
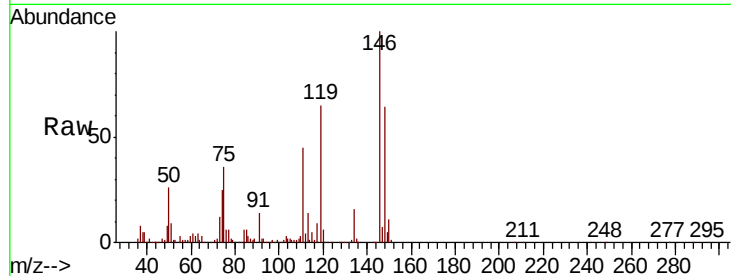
#87  
 1,3-Dichlorobenzene  
 Concen: 50.577 ug/l  
 RT: 12.55 min Scan# 1209  
 Delta R.T. -0.01 min  
 Lab File: VF060514.D  
 Acq: 26 Oct 2018 11:01

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 ICVVF102518

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 45.0  | 22.3  | 66.8  |
| 148     | 63.8  | 34.1  | 102.3 |

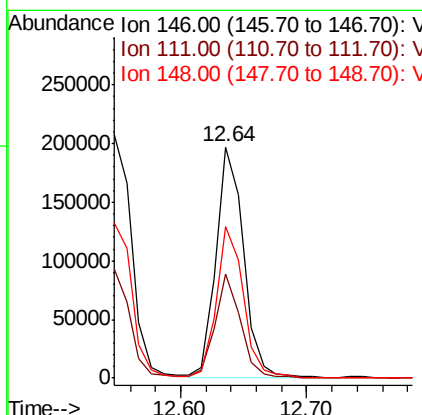
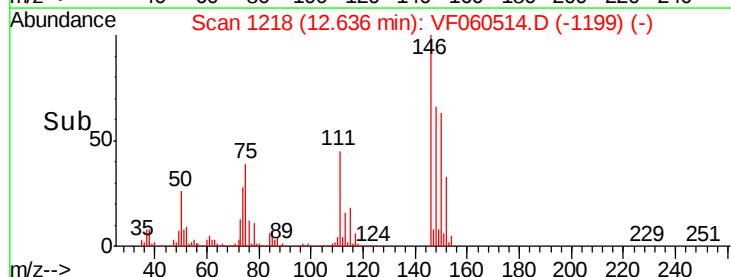
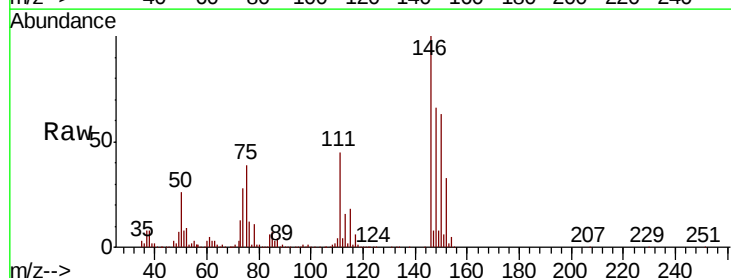
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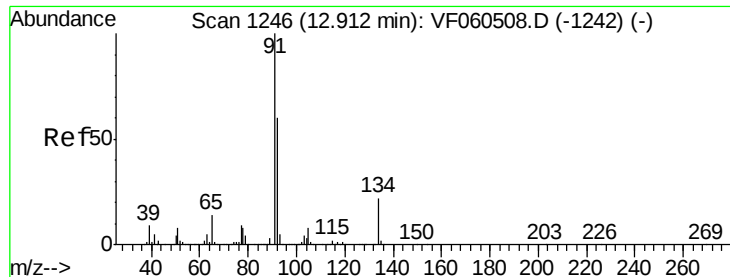
apatel  
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#88  
 1,4-Dichlorobenzene  
 Concen: 50.038 ug/l  
 RT: 12.64 min Scan# 1218  
 Delta R.T. -0.01 min  
 Lab File: VF060514.D  
 Acq: 26 Oct 2018 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 45.2  | 21.1  | 63.3  |
| 148     | 65.6  | 33.9  | 101.7 |





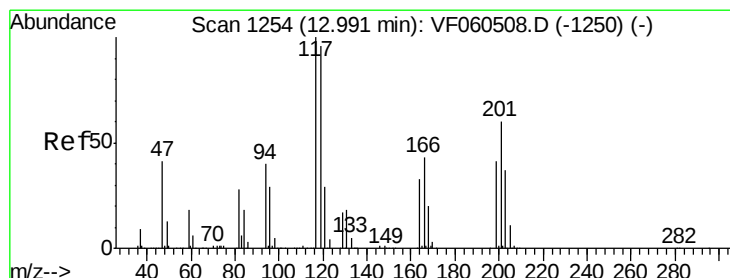
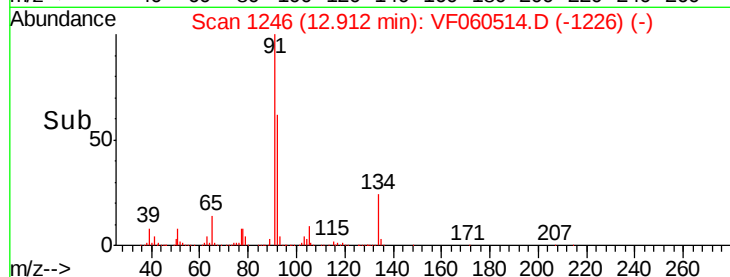
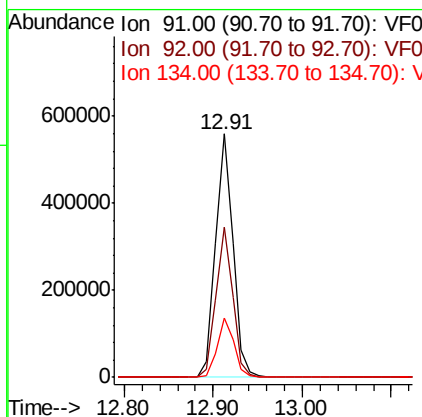
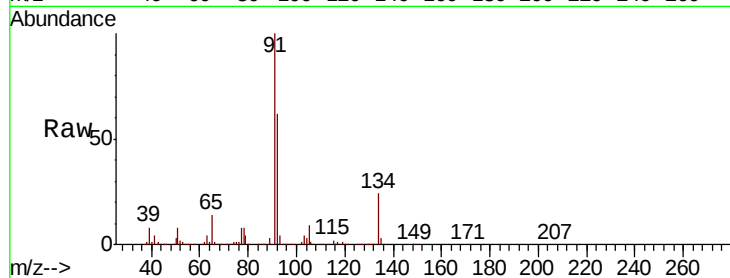
#89  
n-Butylbenzene  
Concen: 48.929 ug/l  
RT: 12.91 min Scan# 1246  
Delta R.T. -0.00 min  
Lab File: VF060514.D  
Acq: 26 Oct 2018 11:01

Instrument :  
MSVOA\_F  
ClientSampleId :  
ICVVF102518

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 61.6  | 29.8  | 89.3  |
| 134     | 24.3  | 10.9  | 32.7  |

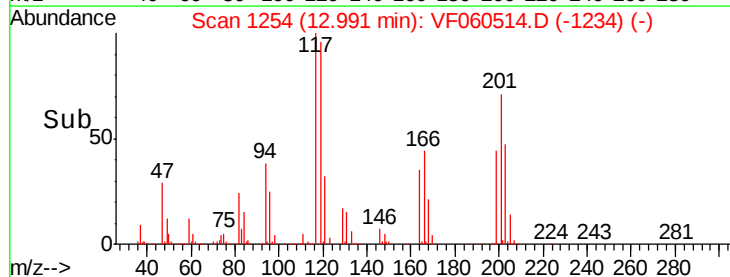
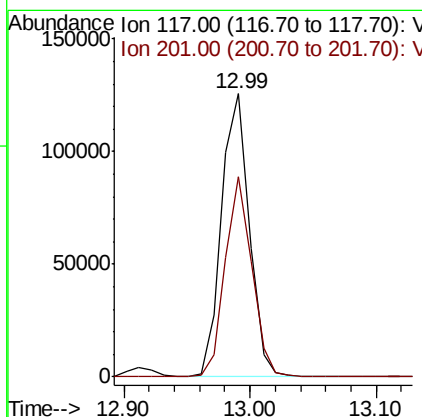
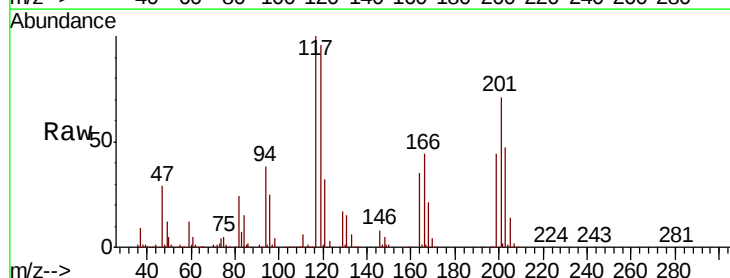
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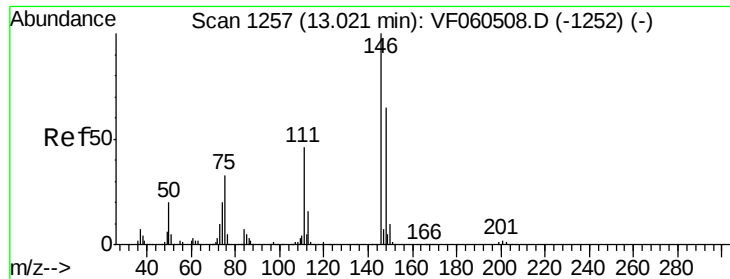
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#90  
Hexachloroethane  
Concen: 49.608 ug/l  
RT: 12.99 min Scan# 1254  
Delta R.T. -0.00 min  
Lab File: VF060514.D  
Acq: 26 Oct 2018 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 70.9  | 30.1  | 90.5  |





#91

1,2-Dichlorobenzene

Concen: 50.489 ug/l

RT: 13.01 min Scan# 1256

Delta R.T. -0.01 min

Lab File: VF060514.D

Acq: 26 Oct 2018 11:01

Instrument :

MSVOA\_F

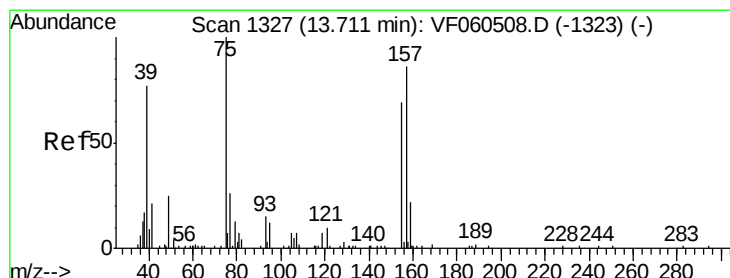
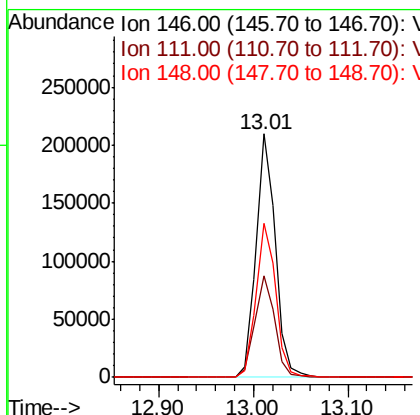
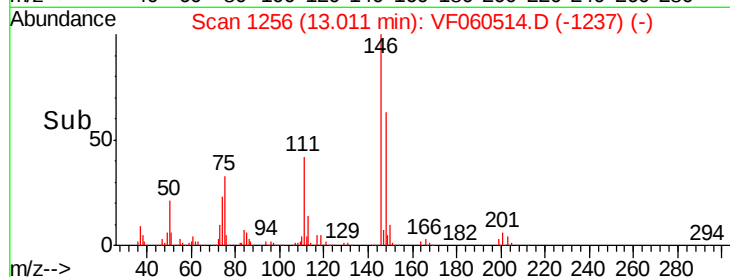
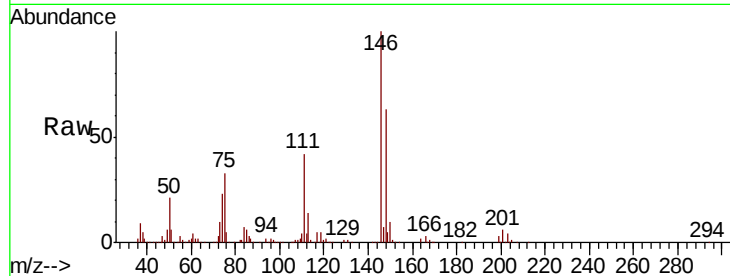
ClientSampleId :

ICVVF102518

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 298864 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 41.6  | 22.8  | 68.4   |
| 148       | 63.2  | 32.3  | 96.9   |

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#92

1,2-Dibromo-3-Chloropropane

Concen: 51.064 ug/l

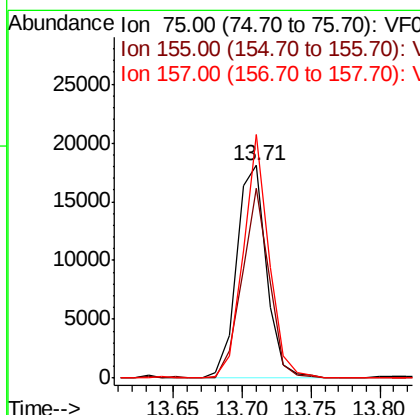
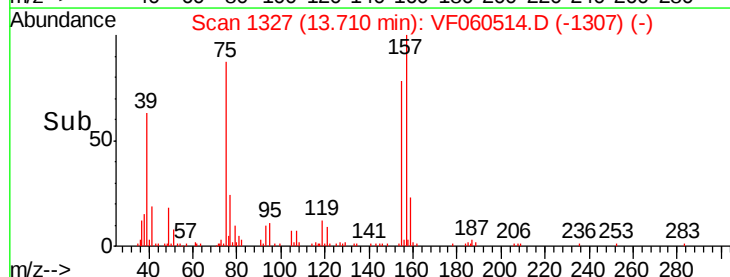
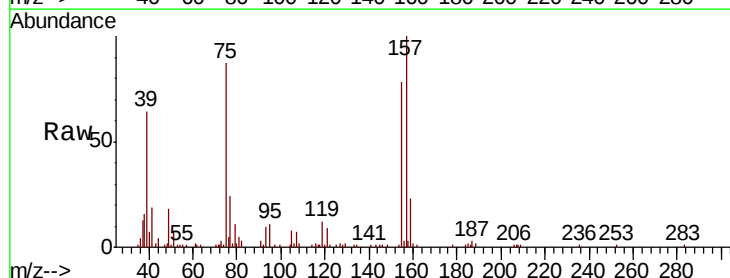
RT: 13.71 min Scan# 1327

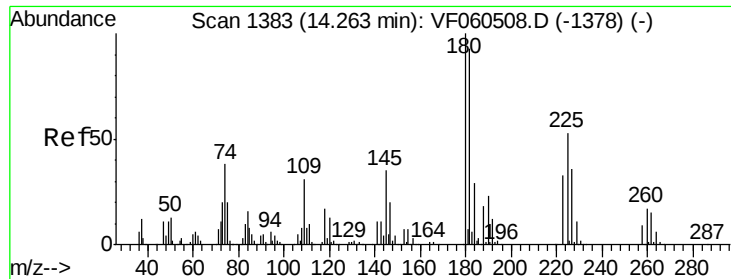
Delta R.T. -0.00 min

Lab File: VF060514.D

Acq: 26 Oct 2018 11:01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 27318 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 89.1  | 34.7  | 104.1 |
| 157       | 114.6 | 42.9  | 128.5 |





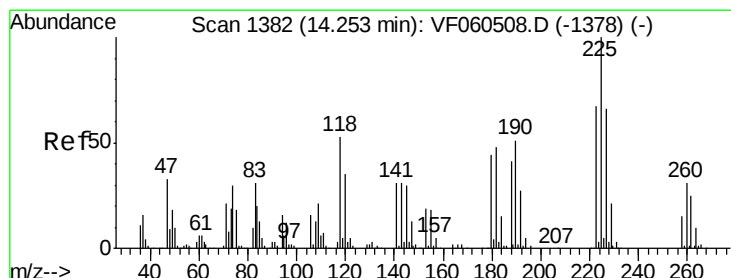
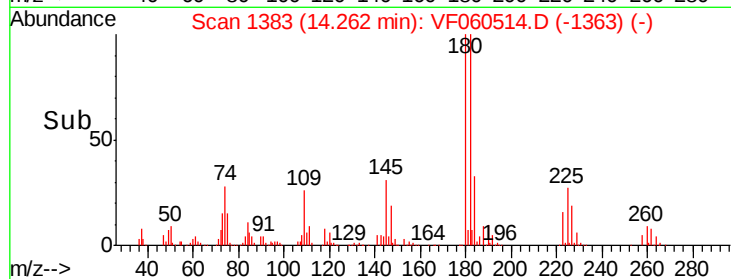
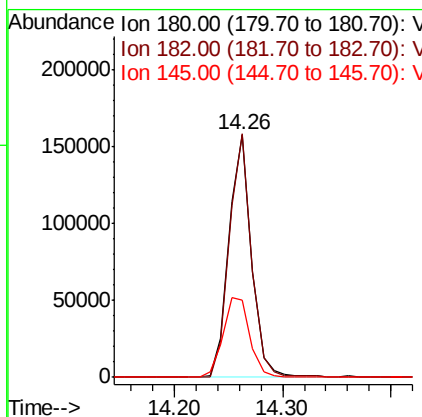
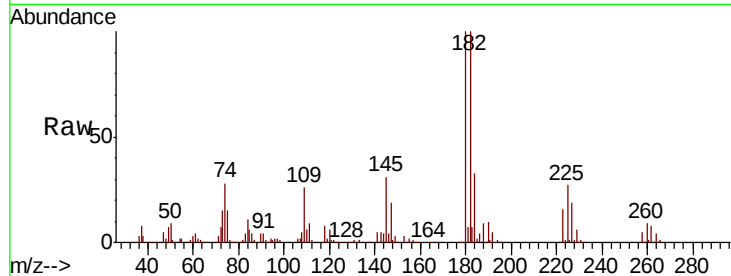
#93  
 1,2,4-Trichlorobenzene  
 Concen: 47.854 ug/l  
 RT: 14.26 min Scan# 1383  
 Delta R.T. -0.00 min  
 Lab File: VF060514.D  
 Acq: 26 Oct 2018 11:01

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 ICVVF102518

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 230647 |       |       |
| 182     | 100.4 | 46.7   | 140.0 |       |
| 145     | 31.6  | 17.3   | 52.0  |       |

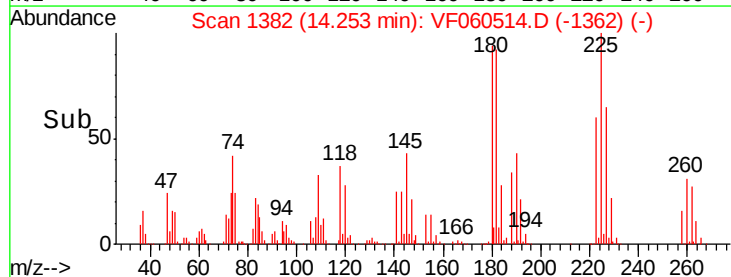
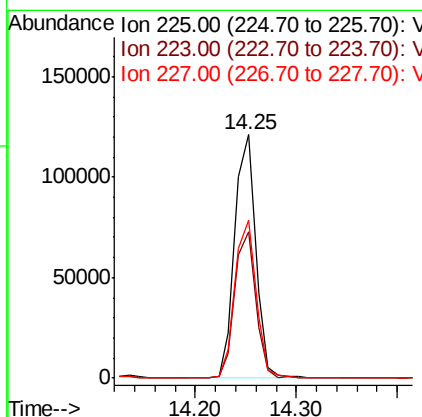
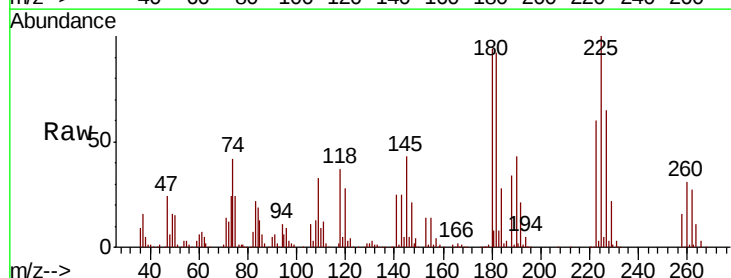
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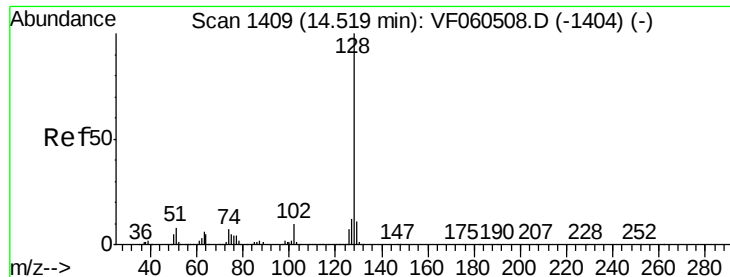
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#94  
 Hexachlorobutadiene  
 Concen: 48.759 ug/l  
 RT: 14.25 min Scan# 1382  
 Delta R.T. -0.00 min  
 Lab File: VF060514.D  
 Acq: 26 Oct 2018 11:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 175768 |       |       |
| 223     | 60.2  | 33.4   | 100.2 |       |
| 227     | 64.9  | 32.9   | 98.6  |       |





#95

Naphthalene

Concen: 54.333 ug/l

RT: 14.52 min Scan# 1409

Delta R.T. -0.00 min

Lab File: VF060514.D

Acq: 26 Oct 2018 11:01

Instrument :

MSVOA\_F

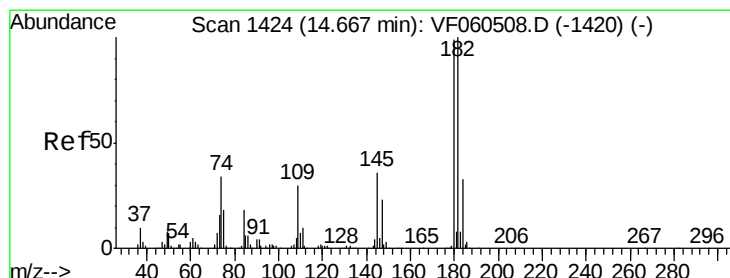
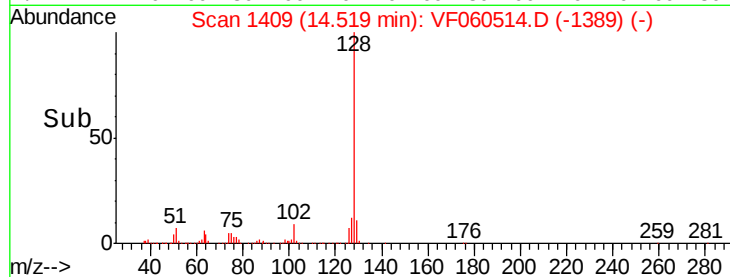
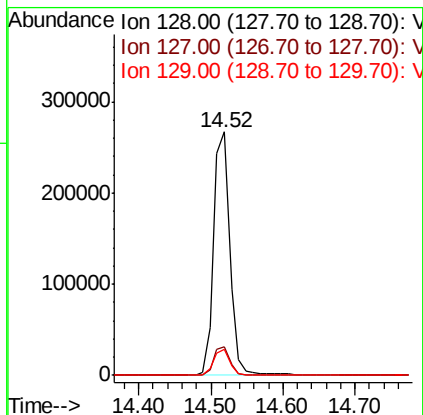
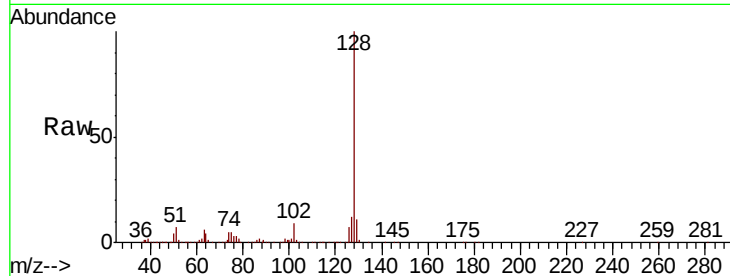
ClientSampleId :

ICVVF102518

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 413038 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 11.7  | 10.0  | 15.0   |
| 129       | 10.9  | 8.9   | 13.3   |

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#96

1,2,3-Trichlorobenzene

Concen: 49.473 ug/l

RT: 14.66 min Scan# 1423

Delta R.T. -0.01 min

Lab File: VF060514.D

Acq: 26 Oct 2018 11:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 219330 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 99.6  | 50.7  | 152.1  |
| 145       | 37.8  | 18.1  | 54.4   |

