

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF112918\  
 Data File : VF060885.D  
 Acq On : 30 Nov 2018 00:28  
 Operator : VA/AP  
 Sample : VSTDCCC050  
 Misc : 5.00µ/5mL/MSVOA-F/SOIL  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

apatel  
 12/3/2018 2:16:28 PM

Quant Time: Nov 30 06:54:11 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F112618S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 27 01:36:26 2018  
 Response via : Initial Calibration

| Internal Standards            | R.T.  | QIon | Response | Conc    | Units   | Dev(Min) |
|-------------------------------|-------|------|----------|---------|---------|----------|
| 1) Pentafluorobenzene         | 4.88  | 168  | 197002   | 50.00   | ug/l    | -0.03    |
| 34) 1,4-Difluorobenzene       | 5.60  | 114  | 334850   | 50.00   | ug/l    | -0.04    |
| 63) Chlorobenzene-d5          | 9.78  | 117  | 301095   | 50.00   | ug/l    | -0.03    |
| 72) 1,4-Dichlorobenzene-d4    | 12.55 | 152  | 152420   | 50.00   | ug/l    | -0.02    |
| System Monitoring Compounds   |       |      |          |         |         |          |
| 33) 1,2-Dichloroethane-d4     | 4.85  | 65   | 122832   | 52.93   | ug/l    | -0.03    |
| Spiked Amount 50.000          |       |      | Recovery | =       | 105.86% |          |
| 35) Dibromofluoromethane      | 4.12  | 113  | 124687   | 46.94   | ug/l    | -0.03    |
| Spiked Amount 50.000          |       |      | Recovery | =       | 93.88%  |          |
| 50) Toluene-d8                | 7.56  | 98   | 364632   | 46.60   | ug/l    | -0.03    |
| Spiked Amount 50.000          |       |      | Recovery | =       | 93.20%  |          |
| 62) 4-Bromofluorobenzene      | 11.42 | 95   | 167655   | 47.14   | ug/l    | -0.02    |
| Spiked Amount 50.000          |       |      | Recovery | =       | 94.28%  |          |
| Target Compounds              |       |      |          |         |         |          |
|                               |       |      |          |         | Qvalue  |          |
| 2) Dichlorodifluoromethane    | 0.96  | 85   | 139715   | 47.432  | ug/l    | 100      |
| 3) Chloromethane              | 1.10  | 50   | 90989    | 47.471  | ug/l    | 93       |
| 4) Vinyl Chloride             | 1.14  | 62   | 87427    | 48.899  | ug/l    | 98       |
| 5) Bromomethane               | 1.33  | 94   | 62877    | 49.874  | ug/l    | 99       |
| 6) Chloroethane               | 1.39  | 64   | 41610    | 53.840  | ug/l    | 100      |
| 7) Trichlorofluoromethane     | 1.49  | 101  | 191803   | 50.000  | ug/l    | 95       |
| 8) Diethyl Ether              | 1.63  | 74   | 27404    | 49.679  | ug/l    | 94       |
| 9) 1,1,2-Trichlorotrifluoroet | 1.83  | 101  | 96719    | 49.872  | ug/l    | 98       |
| 10) Methyl Iodide             | 1.90  | 142  | 152161m  | 51.619  | ug/l    |          |
| 11) Tert butyl alcohol        | 2.57  | 59   | 22431    | 235.785 | ug/l #  | 88       |
| 12) 1,1-Dichloroethene        | 1.79  | 96   | 76392    | 48.973  | ug/l    | 92       |
| 13) Acrolein                  | 2.00  | 56   | 19917    | 220.967 | ug/l    | 96       |
| 14) Allyl chloride            | 2.10  | 41   | 102687   | 52.816  | ug/l    | 99       |
| 15) Acrylonitrile             | 2.94  | 53   | 53719    | 251.870 | ug/l    | 97       |
| 16) Acetone                   | 2.24  | 43   | 95958    | 224.222 | ug/l    | 94       |
| 17) Carbon Disulfide          | 1.84  | 76   | 202816   | 48.492  | ug/l    | 96       |
| 18) Methyl Acetate            | 2.34  | 43   | 43500    | 60.948  | ug/l    | 95       |
| 19) Methyl tert-butyl Ether   | 2.43  | 73   | 178941   | 50.933  | ug/l    | 98       |
| 20) Methylene Chloride        | 2.25  | 84   | 76853m   | 48.951  | ug/l    |          |
| 21) trans-1,2-Dichloroethene  | 2.31  | 96   | 79591    | 52.925  | ug/l    | 99       |
| 22) Diisopropyl ether         | 2.80  | 45   | 277525   | 52.440  | ug/l    | 95       |
| 23) Vinyl Acetate             | 3.19  | 43   | 626928   | 259.155 | ug/l    | 99       |
| 24) 1,1-Dichloroethane        | 2.88  | 63   | 167596   | 53.228  | ug/l    | 99       |
| 25) 2-Butanone                | 4.34  | 43   | 176243   | 238.095 | ug/l    | 96       |
| 26) 2,2-Dichloropropane       | 3.61  | 77   | 90135    | 44.155  | ug/l    | 100      |
| 27) cis-1,2-Dichloroethene    | 3.48  | 96   | 119108   | 48.650  | ug/l    | 96       |
| 28) Bromochloromethane        | 3.73  | 49   | 74080    | 49.023  | ug/l    | 94       |
| 29) Tetrahydrofuran           | 4.07  | 42   | 73366    | 233.822 | ug/l    | 98       |
| 30) Chloroform                | 3.86  | 83   | 240174   | 49.562  | ug/l    | 98       |
| 31) Cyclohexane               | 3.70  | 56   | 154624m  | 47.318  | ug/l    |          |
| 32) 1,1,1-Trichloroethane     | 4.10  | 97   | 147556   | 43.905  | ug/l    | 95       |
| 36) 1,1-Dichloropropene       | 4.29  | 75   | 177558   | 47.807  | ug/l    | 97       |
| 37) Ethyl Acetate             | 4.12  | 43   | 71049    | 47.074  | ug/l #  | 93       |
| 38) Carbon Tetrachloride      | 3.99  | 117  | 151074   | 46.053  | ug/l    | 97       |

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 Sample : VSTDCCC050  
 Misc : 5.00µl/5mL/MSVOA-F/SOIL  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleID :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

apatel  
 12/3/2018 2:16:28 PM

Quant Time: Nov 30 06:54:11 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F112618S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 27 01:36:26 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 5.46  | 83   | 186957   | 48.033   | ug/l   | 98       |
| 40) Benzene                    | 4.64  | 78   | 393308   | 47.935   | ug/l   | 100      |
| 41) Methacrylonitrile          | 4.75  | 41   | 40332    | 51.748   | ug/l   | 91       |
| 42) 1,2-Dichloroethane         | 4.95  | 62   | 146000   | 48.740   | ug/l   | 98       |
| 43) Isopropyl Acetate          | 6.96  | 43   | 86347    | 46.160   | ug/l # | 94       |
| 44) Trichloroethene            | 5.51  | 130  | 123282   | 45.953   | ug/l   | 95       |
| 45) 1,2-Dichloropropane        | 6.24  | 63   | 100924   | 47.361   | ug/l   | 93       |
| 46) Dibromomethane             | 6.09  | 93   | 70435    | 48.725   | ug/l   | 97       |
| 47) Bromodichloromethane       | 6.39  | 83   | 183378   | 47.762   | ug/l   | 98       |
| 48) Methyl methacrylate        | 6.72  | 41   | 59078    | 43.243   | ug/l   | 94       |
| 49) 1,4-Dioxane                | 6.71  | 88   | 10047    | 1004.843 | ug/l # | 86       |
| 51) 4-Methyl-2-Pentanone       | 8.26  | 43   | 318494   | 228.835  | ug/l   | 97       |
| 52) Toluene                    | 7.63  | 92   | 253515   | 43.987   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 8.28  | 75   | 139437   | 44.648   | ug/l   | 95       |
| 54) cis-1,3-Dichloropropene    | 7.31  | 75   | 176470   | 45.643   | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane      | 8.50  | 97   | 79220    | 47.172   | ug/l   | 98       |
| 56) Ethyl methacrylate         | 8.63  | 69   | 84345    | 45.211   | ug/l   | 96       |
| 57) 1,3-Dichloropropane        | 8.85  | 76   | 132338   | 45.041   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 7.30  | 63   | 42138    | 220.825  | ug/l   | 95       |
| 59) 2-Hexanone                 | 9.50  | 43   | 213578   | 218.732  | ug/l   | 100      |
| 60) Dibromochloromethane       | 8.73  | 129  | 112204   | 44.842   | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 8.99  | 107  | 79834    | 44.005   | ug/l   | 94       |
| 64) Tetrachloroethene          | 8.15  | 164  | 113880   | 49.518   | ug/l   | 97       |
| 65) Chlorobenzene              | 9.80  | 112  | 281755   | 48.102   | ug/l   | 95       |
| 66) 1,1,1,2-Tetrachloroethane  | 9.94  | 131  | 125353   | 49.780   | ug/l   | 95       |
| 67) Ethyl Benzene              | 9.91  | 91   | 536963   | 49.241   | ug/l   | 100      |
| 68) m/p-Xylenes                | 10.14 | 106  | 375254   | 95.679   | ug/l   | 99       |
| 69) o-Xylene                   | 10.72 | 106  | 204742   | 47.341   | ug/l   | 94       |
| 70) Styrene                    | 10.80 | 104  | 286485   | 47.786   | ug/l   | 99       |
| 71) Bromoform                  | 10.78 | 173  | 57963    | 47.654   | ug/l # | 94       |
| 73) Isopropylbenzene           | 11.13 | 105  | 610123   | 50.653   | ug/l   | 97       |
| 74) N-amyl acetate             | 11.38 | 43   | 142415   | 51.203   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.70 | 83   | 101415   | 51.159   | ug/l   | 95       |
| 76) 1,2,3-Trichloropropane     | 11.79 | 75   | 75067    | 52.097   | ug/l   | 90       |
| 77) Bromobenzene               | 11.50 | 156  | 132173   | 50.052   | ug/l   | 86       |
| 78) n-propylbenzene            | 11.60 | 91   | 711576   | 50.446   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.73 | 91   | 396792   | 49.059   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.82 | 105  | 494839   | 50.606   | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-buten | 11.87 | 75   | 34895m   | 49.427   | ug/l   |          |
| 82) 4-Chlorotoluene            | 11.90 | 91   | 404063   | 47.472   | ug/l   | 97       |
| 83) tert-Butylbenzene          | 12.14 | 119  | 522451   | 52.452   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 12.21 | 105  | 488048   | 50.010   | ug/l   | 98       |
| 85) sec-Butylbenzene           | 12.31 | 105  | 677095   | 49.657   | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.47 | 119  | 553697   | 48.435   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.48 | 146  | 234752   | 46.735   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 12.57 | 146  | 240090   | 49.046   | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.85 | 91   | 561248   | 48.553   | ug/l   | 97       |
| 90) Hexachloroethane           | 12.92 | 117  | 139830   | 50.795   | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 12.95 | 146  | 232916   | 48.965   | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.65 | 75   | 19617    | 51.184   | ug/l   | 94       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF112918\  
Data File : VF060885.D  
Acq On : 30 Nov 2018 00:28  
Operator : VA/AP  
Sample : VSTDCCC050  
Misc : 5.00g/5mL/MSVOA-F/SOIL  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
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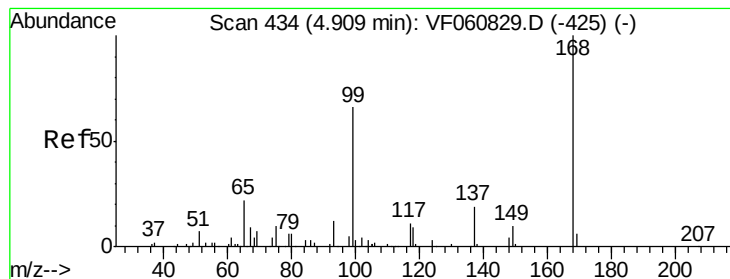
apatel  
12/3/2018 2:16:28 PM

Quant Time: Nov 30 06:54:11 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_F\METHODS\82F112618S.M  
Quant Title : SW846 8260  
QLast Update : Tue Nov 27 01:36:26 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.20 | 180  | 170935   | 51.429 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 14.19 | 225  | 112062   | 50.577 | ug/l  | 99       |
| 95) Naphthalene            | 14.46 | 128  | 337099   | 52.424 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.61 | 180  | 162415   | 52.628 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. -0.03 min

Lab File: VF060885.D

Acq: 30 Nov 2018 00:28

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 197002

Ion Ratio Lower Upper

168 100

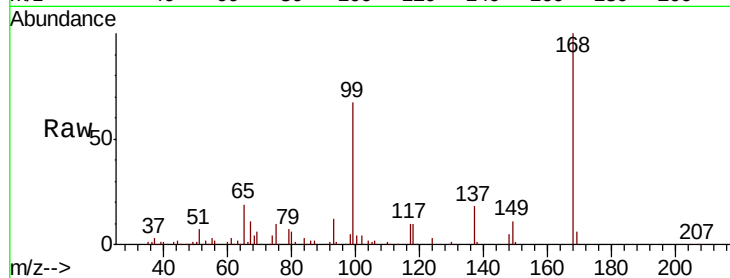
99 67.3 52.6 79.0

Manual Integrations

APPROVED

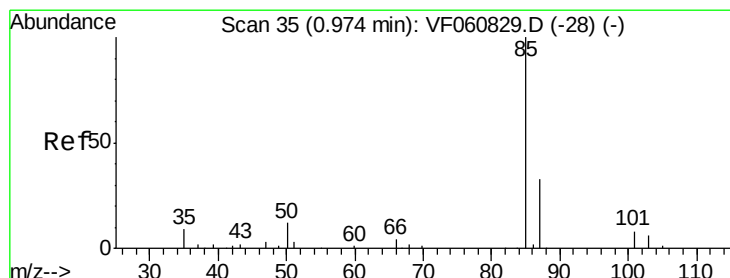
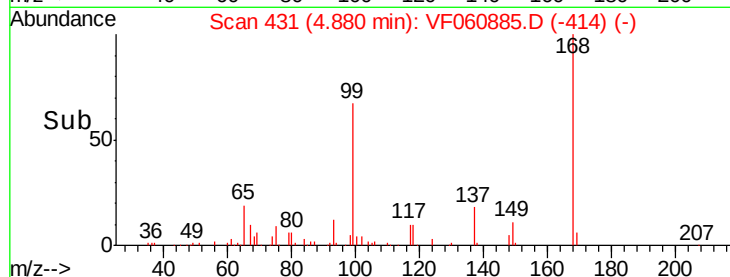
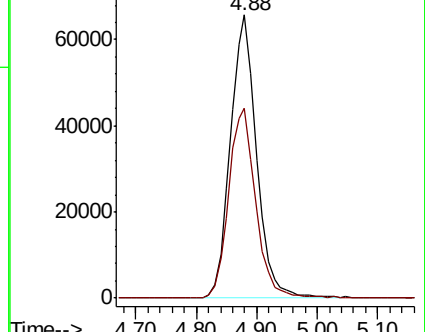
apatel

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#2

Dichlorodifluoromethane

Concen: 47.432 ug/l

RT: 0.96 min Scan# 34

Delta R.T. -0.01 min

Lab File: VF060885.D

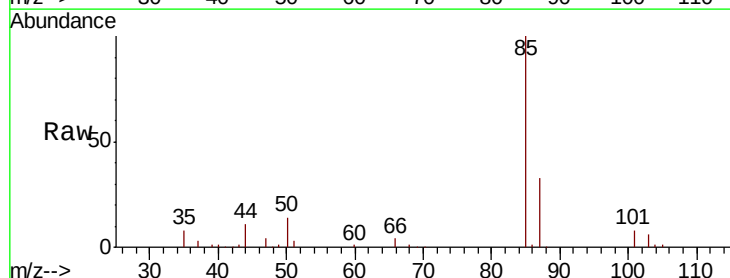
Acq: 30 Nov 2018 00:28

Tgt Ion: 85 Resp: 139715

Ion Ratio Lower Upper

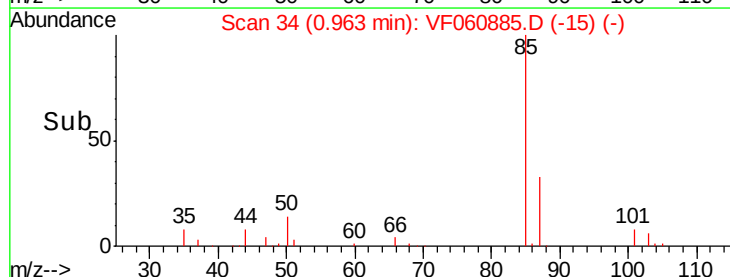
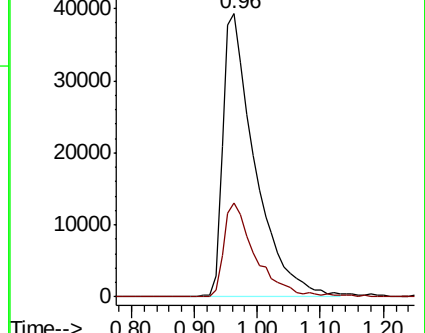
85 100

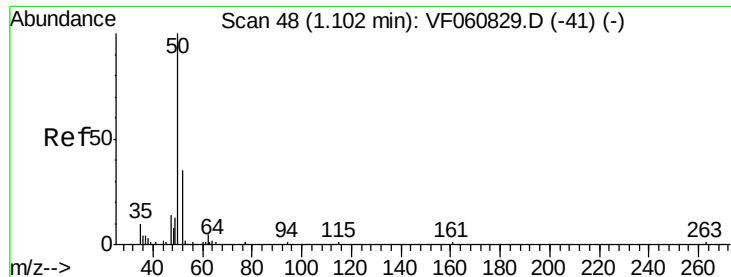
87 33.2 16.7 50.0



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0





#3

Chloromethane

Concen: 47.471 ug/l

RT: 1.10 min Scan# 48

Delta R.T. -0.00 min

Lab File: VF060885.D

Acq: 30 Nov 2018 00:28

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 90989

Ion Ratio Lower Upper

50 100

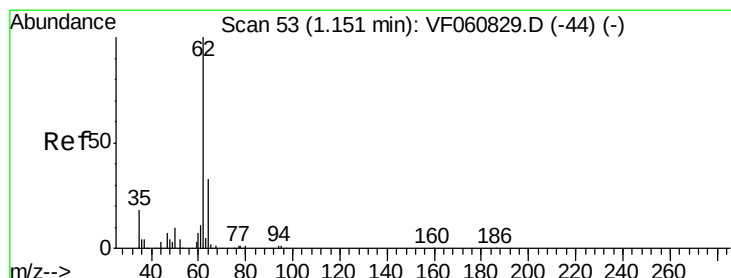
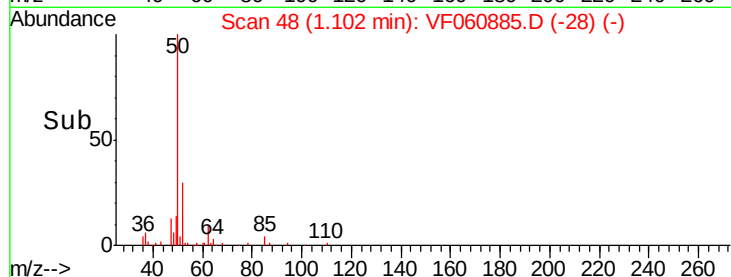
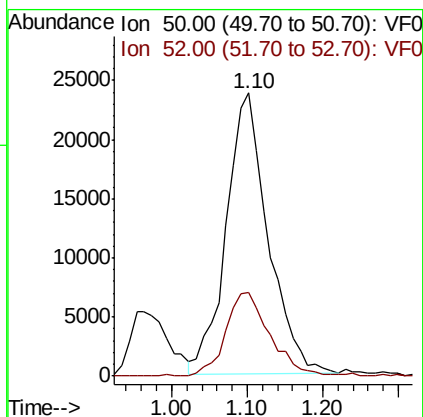
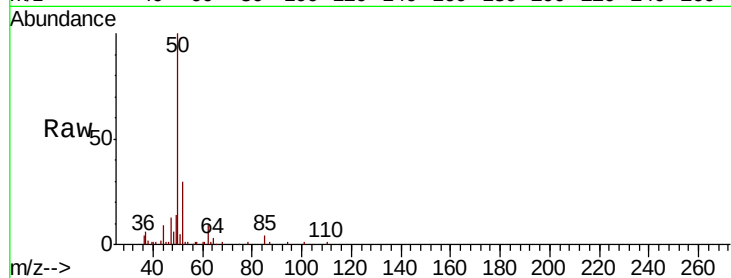
52 29.5 27.0 40.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 48.899 ug/l

RT: 1.14 min Scan# 52

Delta R.T. -0.01 min

Lab File: VF060885.D

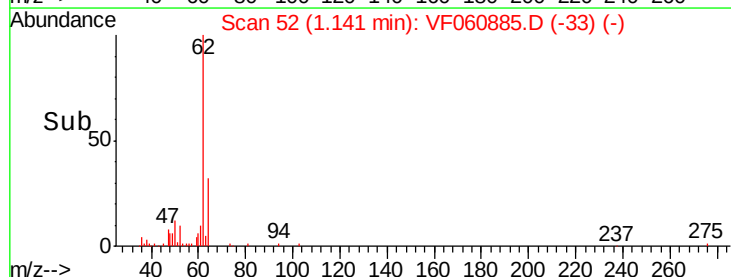
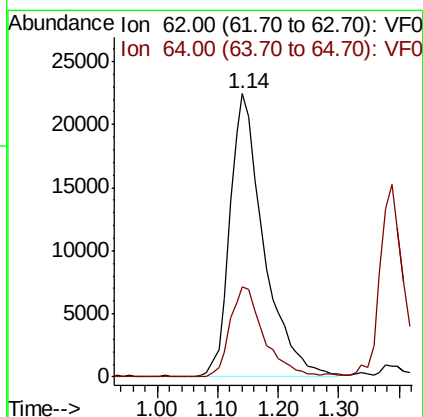
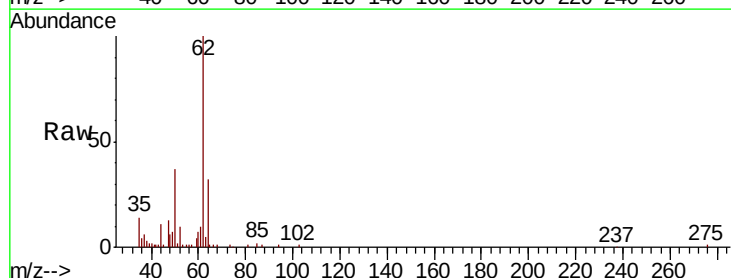
Acq: 30 Nov 2018 00:28

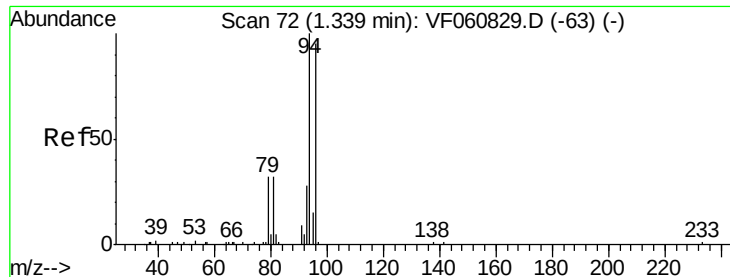
Tgt Ion: 62 Resp: 87427

Ion Ratio Lower Upper

62 100

64 31.8 26.4 39.6





#5

Bromomethane

Concen: 49.874 ug/l

RT: 1.33 min Scan# 71

Delta R.T. -0.01 min

Lab File: VF060885.D

Acq: 30 Nov 2018 00:28

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 62877

Ion Ratio Lower Upper

94 100

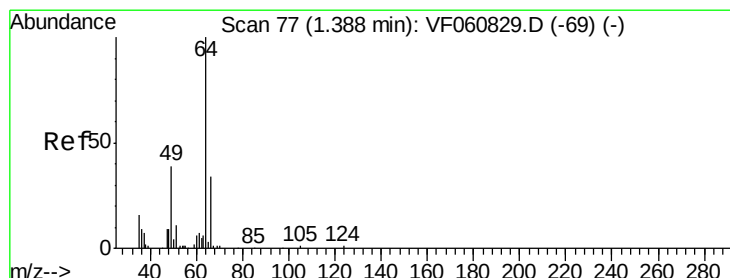
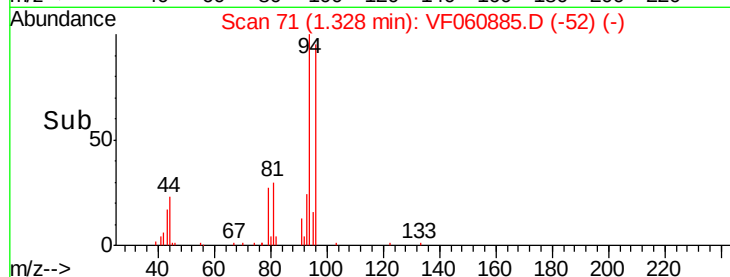
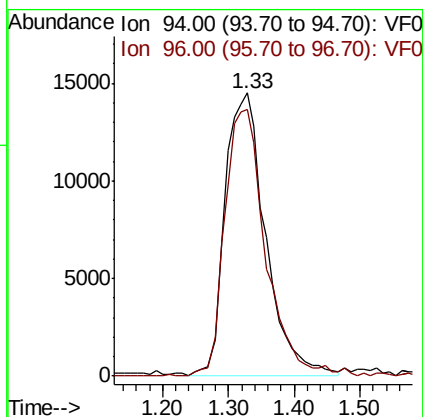
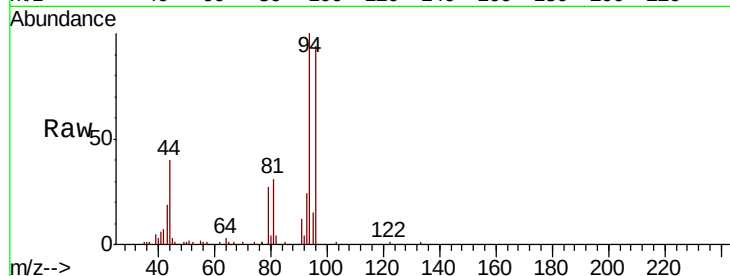
96 94.3 75.9 113.9

Manual Integrations

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#6

Chloroethane

Concen: 53.840 ug/l

RT: 1.39 min Scan# 77

Delta R.T. -0.00 min

Lab File: VF060885.D

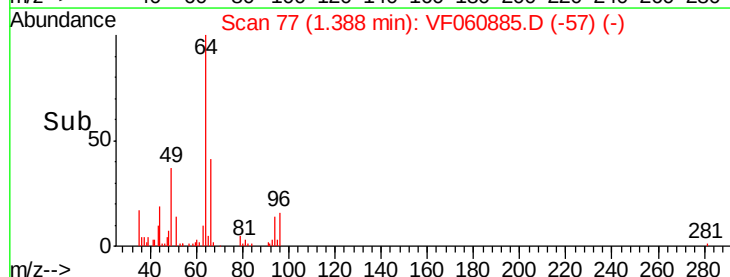
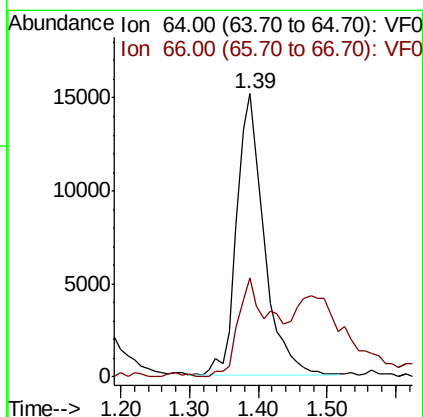
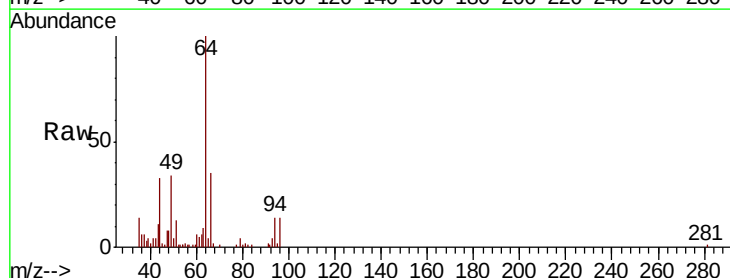
Acq: 30 Nov 2018 00:28

Tgt Ion: 64 Resp: 41610

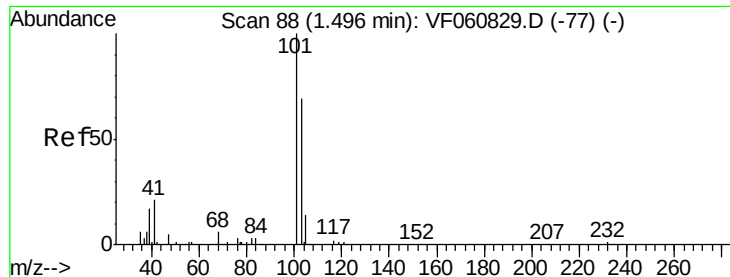
Ion Ratio Lower Upper

64 100

66 35.1 28.1 42.1







#7

Trichlorofluoromethane

Concen: 50.000 ug/l

RT: 1.49 min Scan# 87

Delta R.T. -0.01 min

Lab File: VF060885.D

Acq: 30 Nov 2018 00:28

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050EC

Tot Ion:101 Resp: 191803

Ion Ratio Lower Upper

101 100

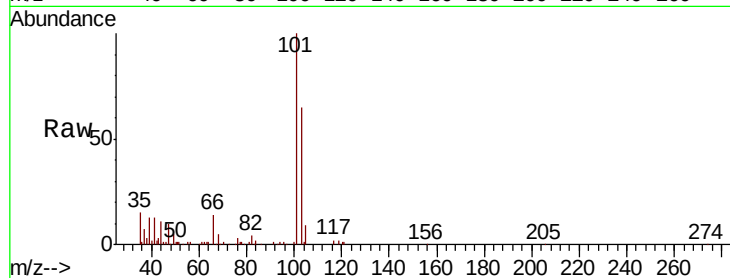
103 64.9 55.4 83.0

Manual Integrations

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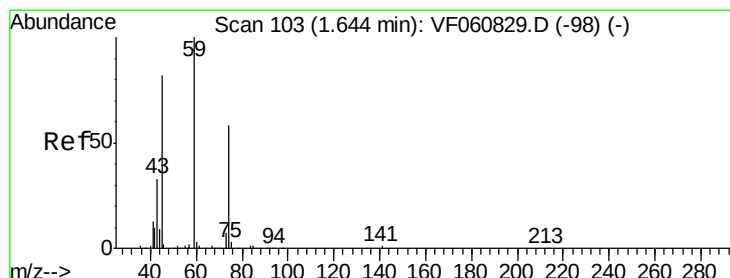
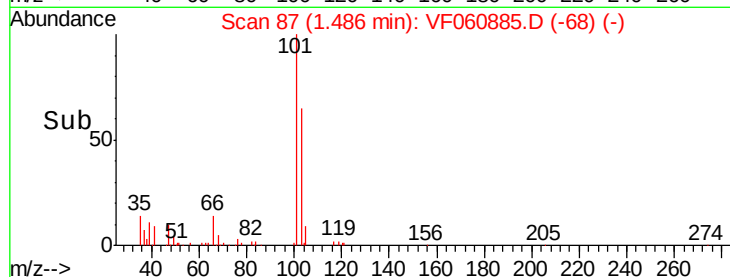
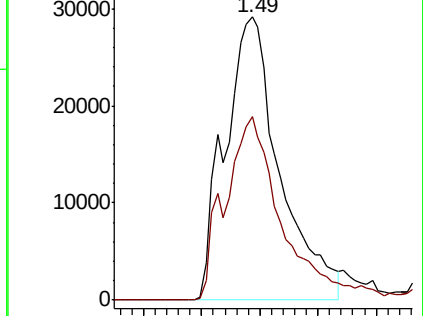
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Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

Diethyl Ether

Concen: 49.679 ug/l

RT: 1.63 min Scan# 102

Delta R.T. -0.01 min

Lab File: VF060885.D

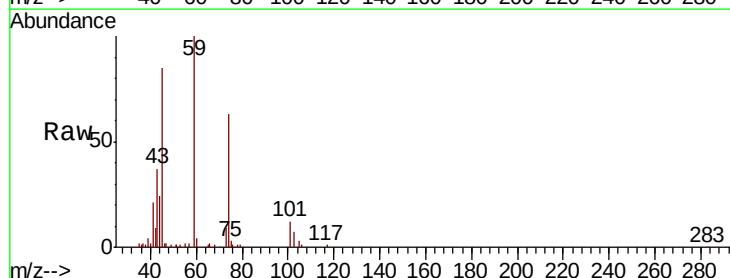
Acq: 30 Nov 2018 00:28

Tgt Ion: 74 Resp: 27404

Ion Ratio Lower Upper

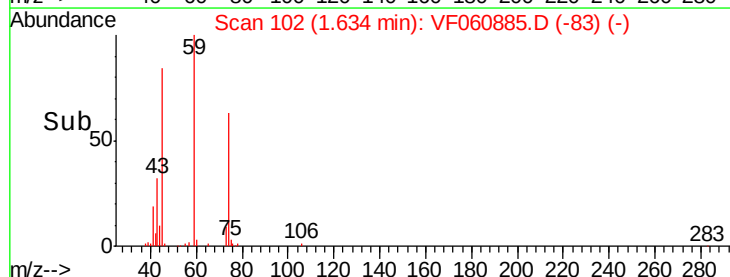
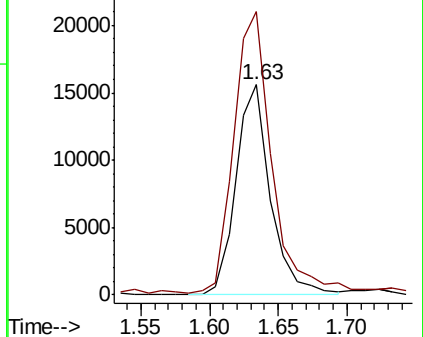
74 100

45 134.8 71.0 212.8

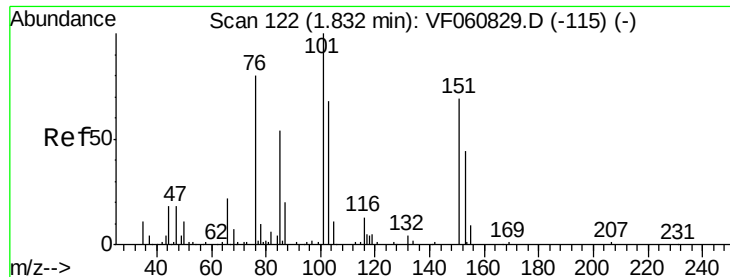


Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0







#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.872 ug/l

RT: 1.83 min Scan# 122

Delta R.T. -0.00 min

Lab File: VF060885.D

Acq: 30 Nov 2018 00:28

Instrument :

MSVOA\_F

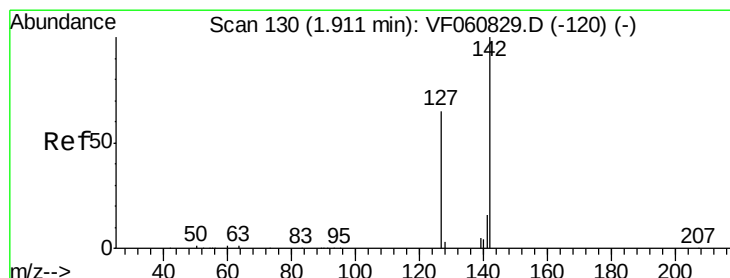
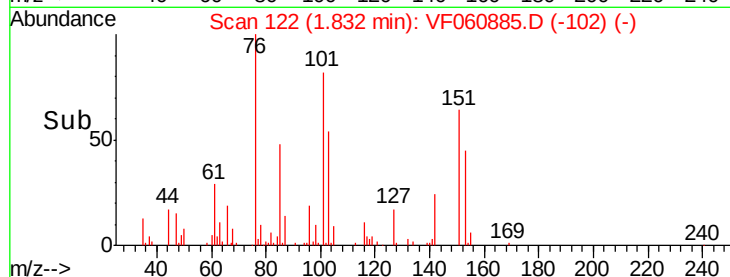
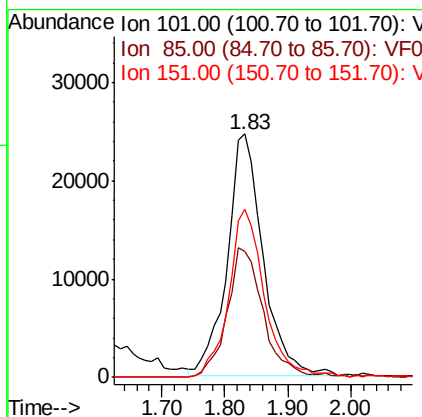
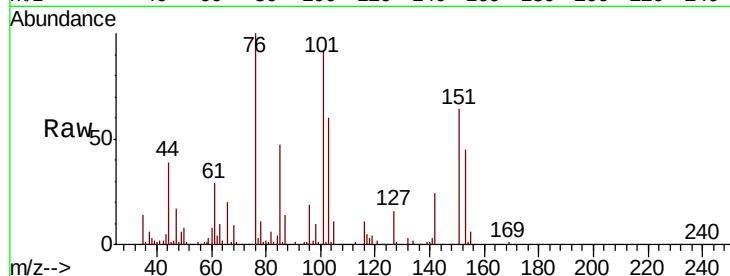
ClientSampleId :

VSTDCCC050EC

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 96719 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 51.7  | 42.8  | 64.2  |
| 151       | 69.3  | 54.4  | 81.6  |

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#10

Methyl Iodide

Concen: 51.619 ug/l m

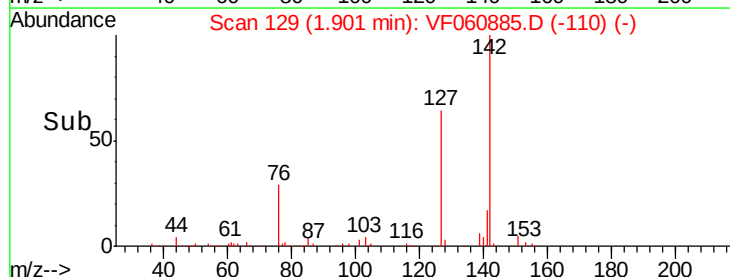
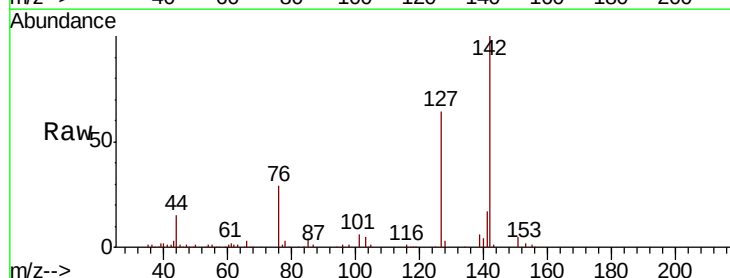
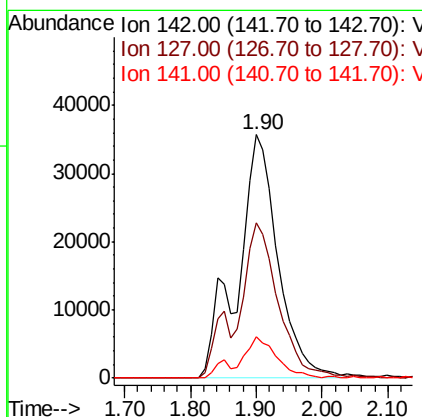
RT: 1.90 min Scan# 129

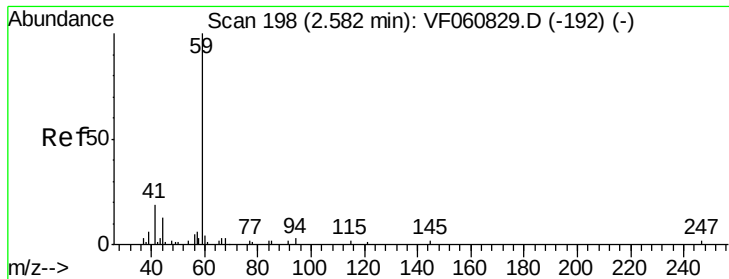
Delta R.T. -0.01 min

Lab File: VF060885.D

Acq: 30 Nov 2018 00:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 152161 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 64.0  | 51.9  | 77.9   |
| 141       | 16.8  | 12.7  | 19.1   |





#11

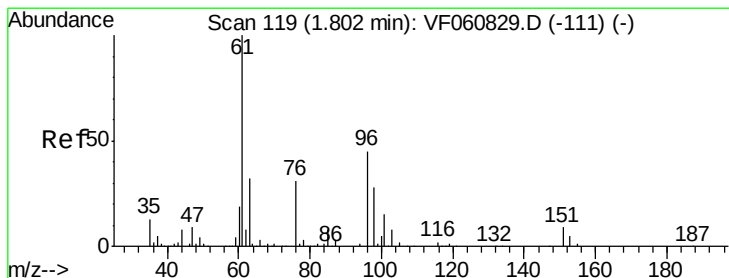
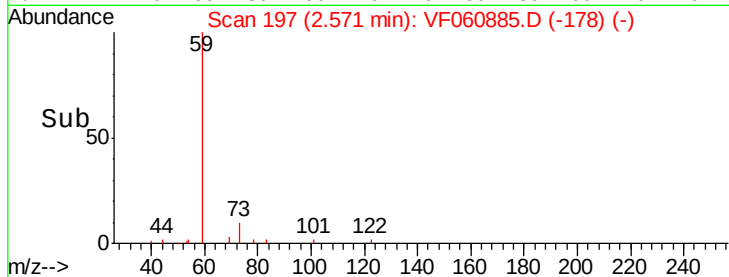
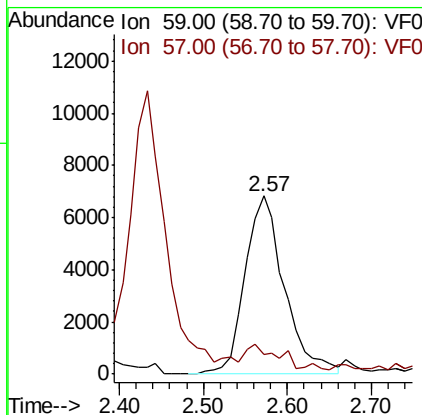
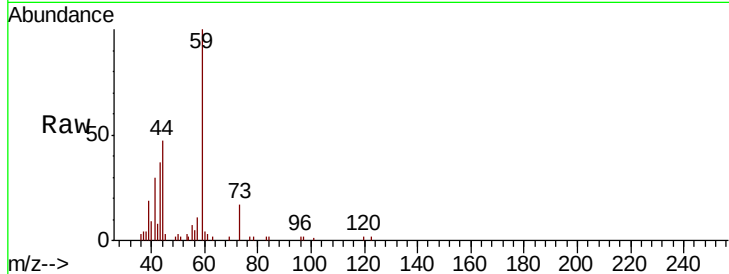
Tert butyl alcohol  
Concen: 235.785 ug/l  
RT: 2.57 min Scan# 197  
Delta R.T. -0.01 min  
Lab File: VF060885.D  
Acq: 30 Nov 2018 00:28

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 59 Resp: 22431  
Ion Ratio Lower Upper  
59 100  
57 11.0 12.7 19.1#

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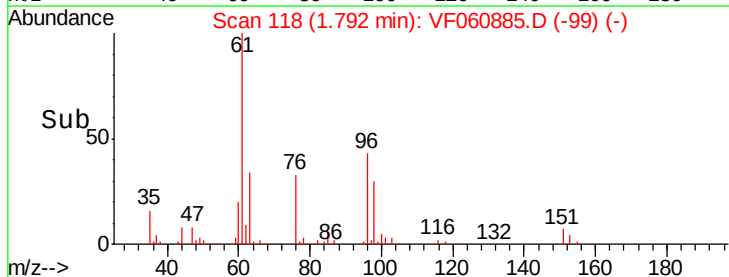
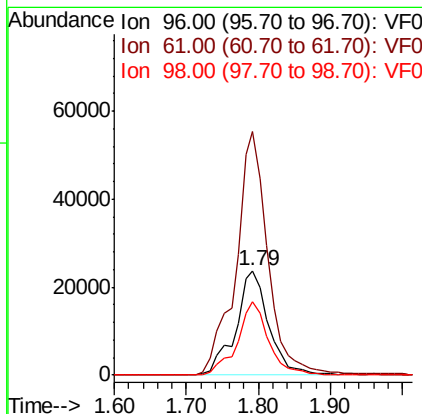
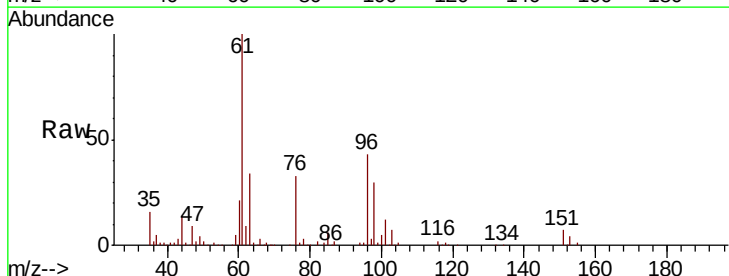
apatel  
12/3/2018 2:16:28 PM

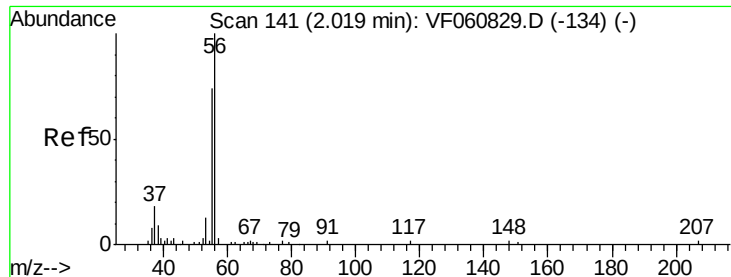


#12

1,1-Dichloroethene  
Concen: 48.973 ug/l  
RT: 1.79 min Scan# 118  
Delta R.T. -0.01 min  
Lab File: VF060885.D  
Acq: 30 Nov 2018 00:28

Tgt Ion: 96 Resp: 76392  
Ion Ratio Lower Upper  
96 100  
61 233.1 177.3 265.9  
98 69.7 49.6 74.4





#13

Acrolein

Concen: 220.967 ug/l

RT: 2.00 min Scan# 139

Delta R.T. -0.02 min

Lab File: VF060885.D

Acq: 30 Nov 2018 00:28

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 19917

Ion Ratio Lower Upper

56 100

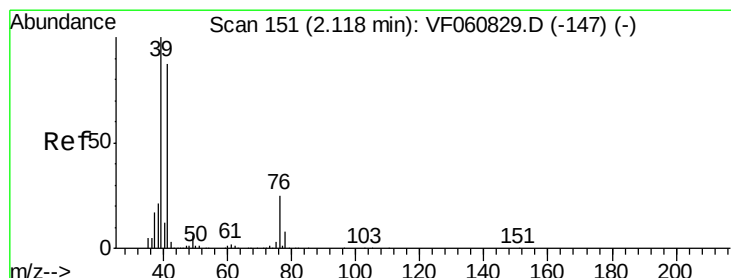
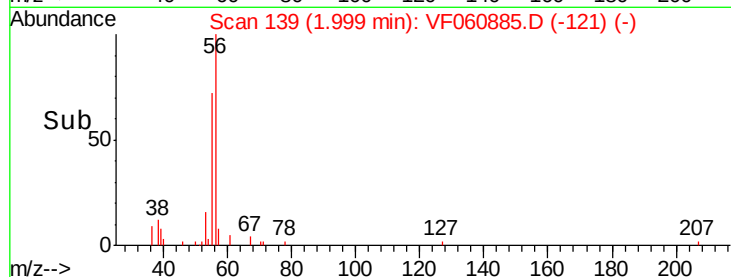
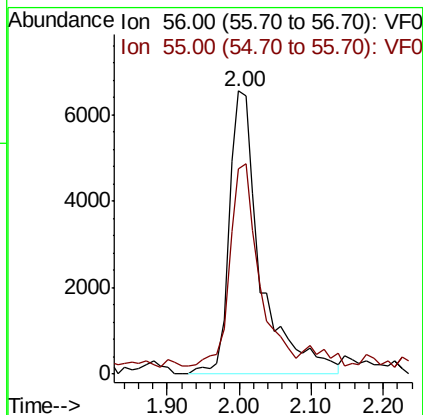
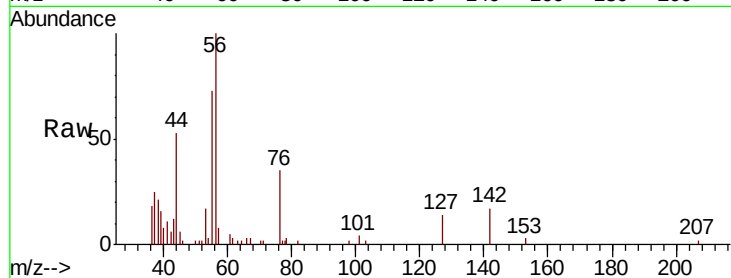
55 72.7 61.2 91.8

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#14

Allyl chloride

Concen: 52.816 ug/l

RT: 2.10 min Scan# 149

Delta R.T. -0.02 min

Lab File: VF060885.D

Acq: 30 Nov 2018 00:28

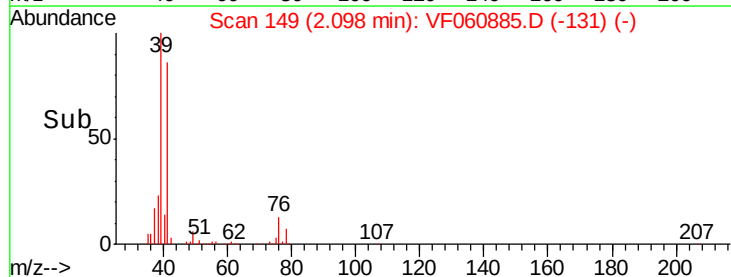
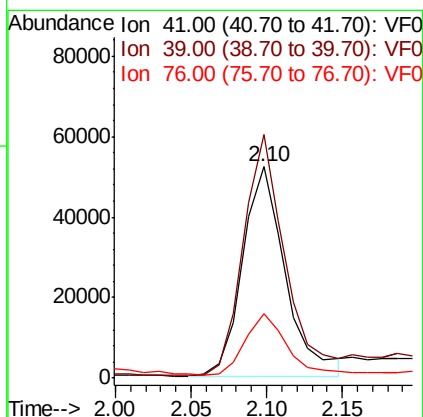
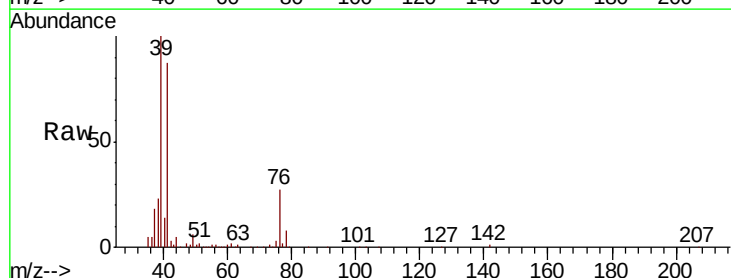
Tgt Ion: 41 Resp: 102687

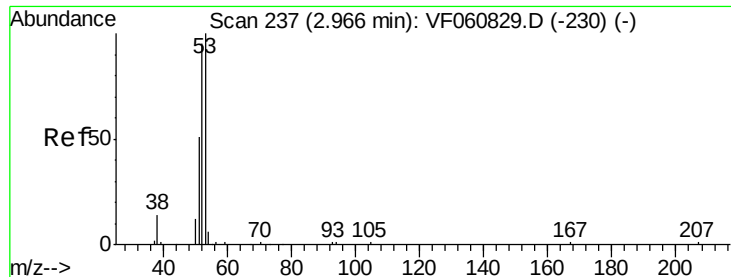
Ion Ratio Lower Upper

41 100

39 115.4 91.7 137.5

76 30.7 23.5 35.3





#15

Acrylonitrile

Concen: 251.870 ug/l

RT: 2.94 min Scan# 234

Delta R.T. -0.03 min

Lab File: VF060885.D

Acq: 30 Nov 2018 00:28

Instrument :

MSVOA\_F

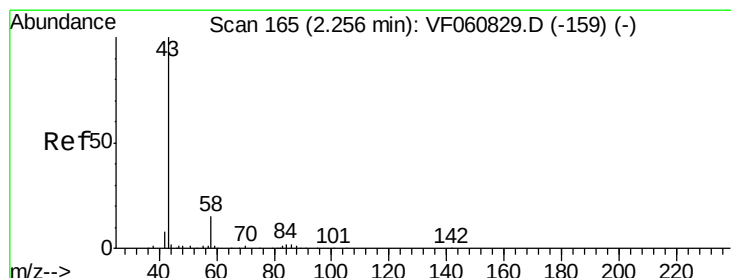
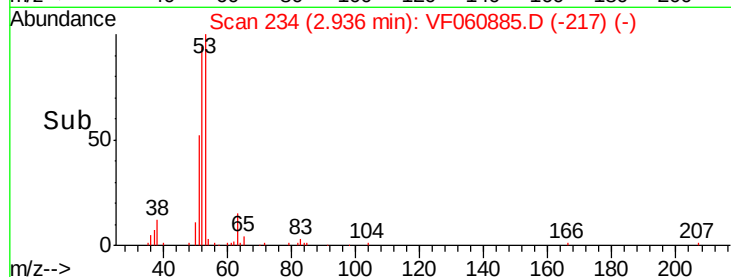
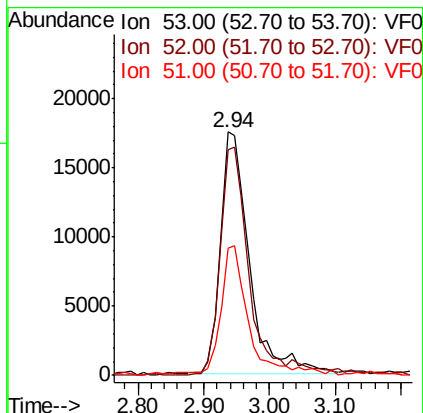
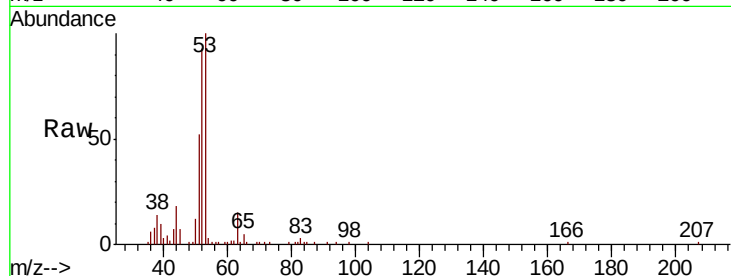
ClientSampleId :

VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 53    | Resp: | 53719 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 92.5  | 76.5  | 114.7 |
| 51       | 52.3  | 40.7  | 61.1  |

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#16

Acetone

Concen: 224.222 ug/l

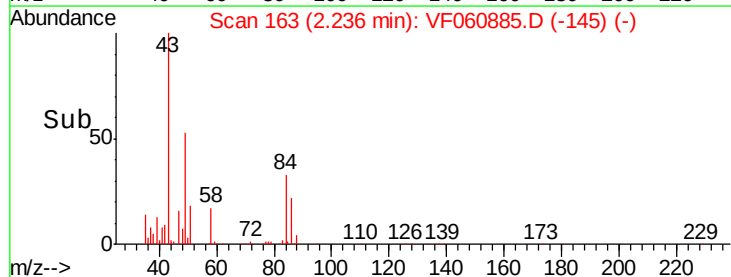
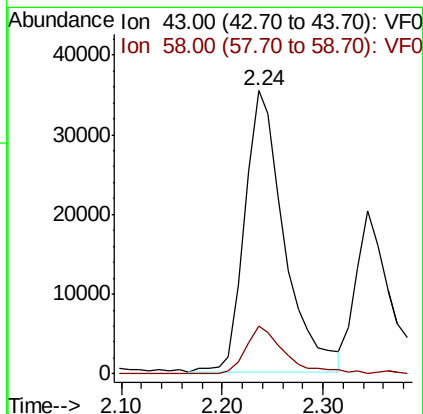
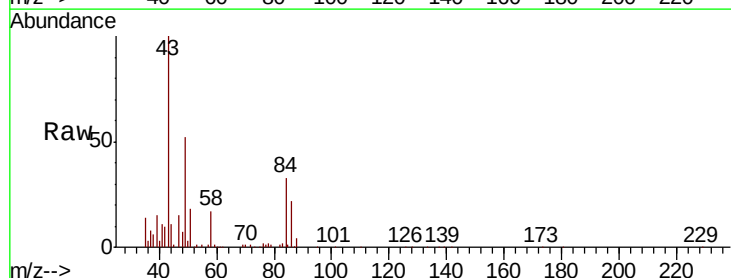
RT: 2.24 min Scan# 163

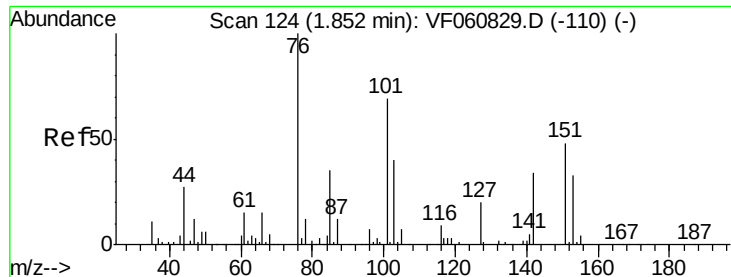
Delta R.T. -0.02 min

Lab File: VF060885.D

Acq: 30 Nov 2018 00:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 95958 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 17.0  | 11.4  | 17.2  |





#17

Carbon Disulfide

Concen: 48.492 ug/l

RT: 1.84 min Scan# 123

Delta R.T. -0.01 min

Lab File: VF060885.D

Acq: 30 Nov 2018 00:28

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 202816

Ion Ratio Lower Upper

76 100

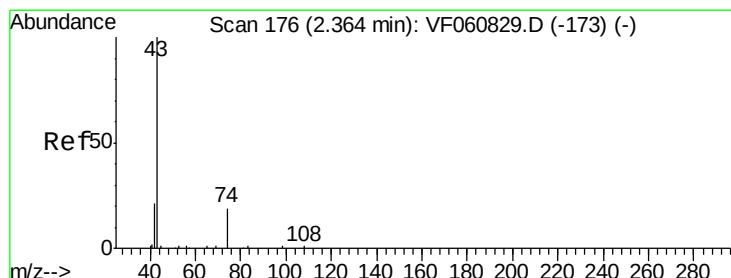
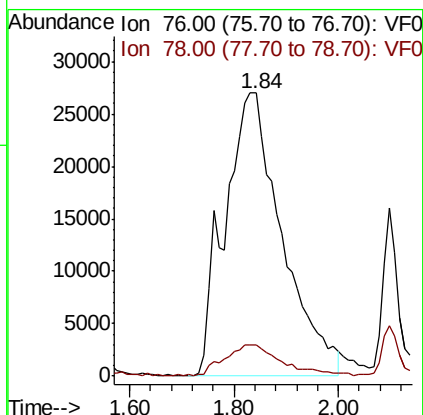
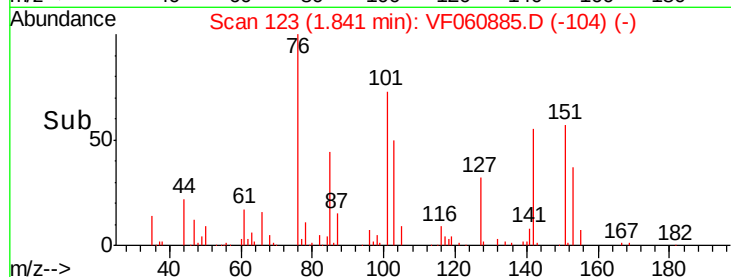
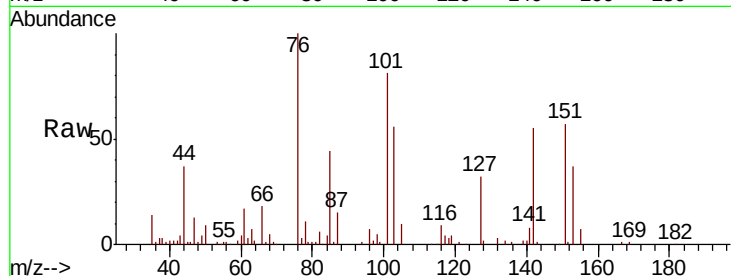
78 11.1 10.2 15.2

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#18

Methyl Acetate

Concen: 60.948 ug/l

RT: 2.34 min Scan# 174

Delta R.T. -0.02 min

Lab File: VF060885.D

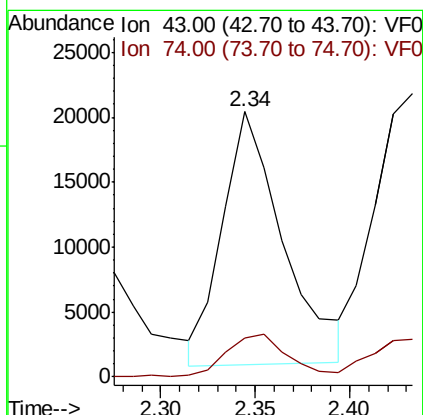
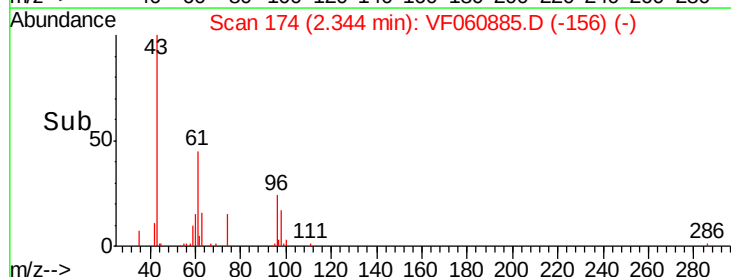
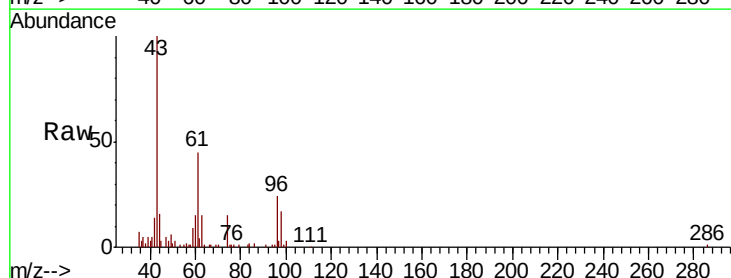
Acq: 30 Nov 2018 00:28

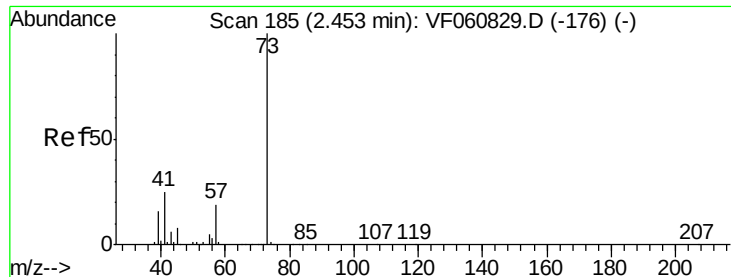
Tgt Ion: 43 Resp: 43500

Ion Ratio Lower Upper

43 100

74 14.5 13.3 19.9





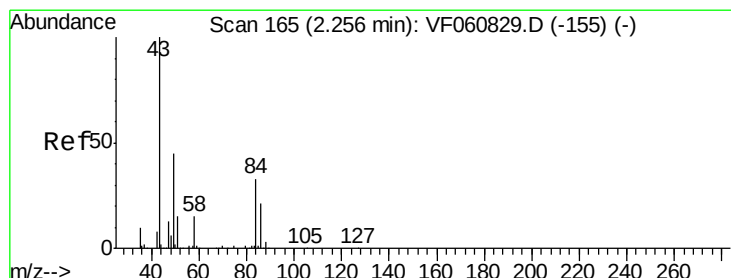
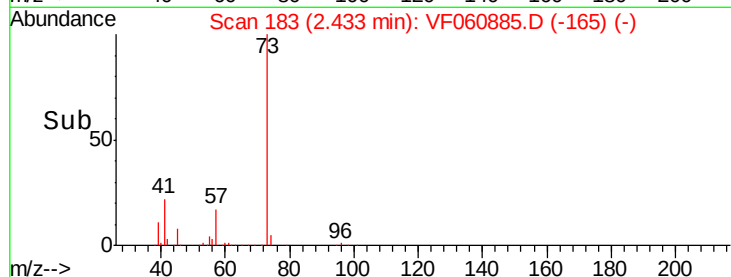
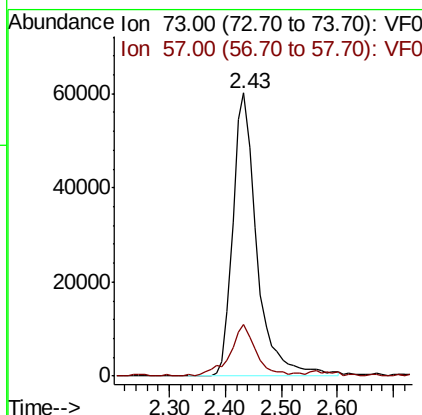
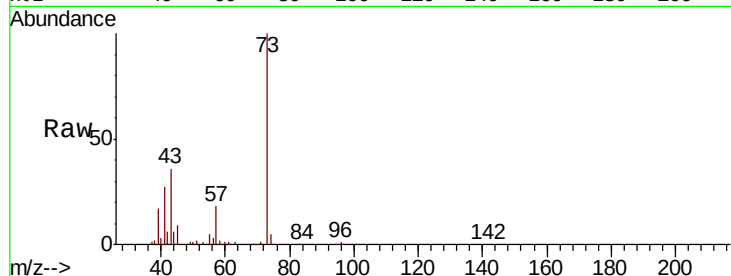
#19  
Methyl tert-butyl Ether  
Concen: 50.933 ug/l  
RT: 2.43 min Scan# 183  
Delta R.T. -0.02 min  
Lab File: VF060885.D  
Acq: 30 Nov 2018 00:28

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 18.0  | 15.3  | 22.9  |

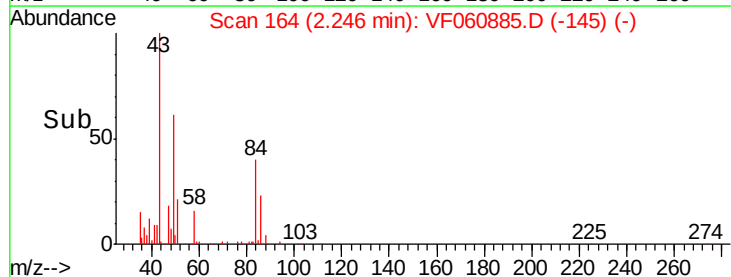
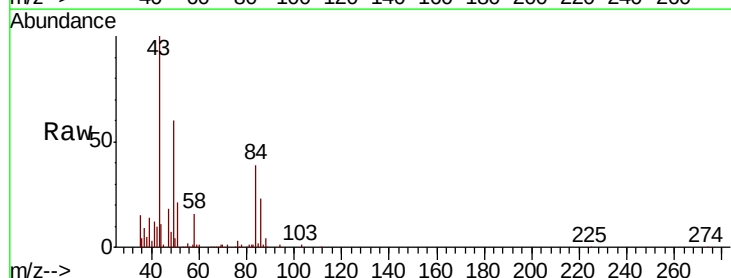
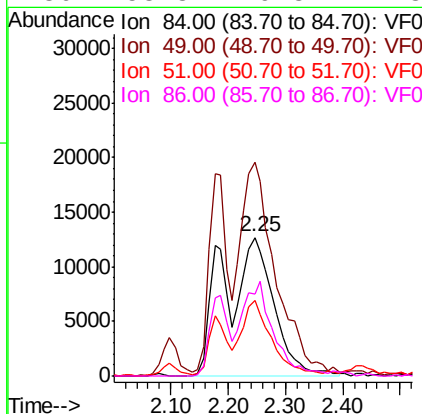
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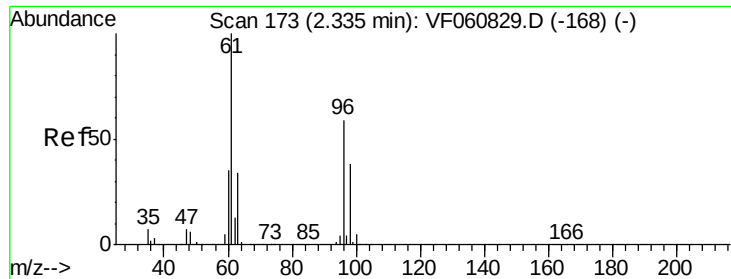
apatel  
12/3/2018 2:16:28 PM



#20  
Methylene Chloride  
Concen: 48.951 ug/l m  
RT: 2.25 min Scan# 164  
Delta R.T. -0.01 min  
Lab File: VF060885.D  
Acq: 30 Nov 2018 00:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 154.2 | 111.3 | 166.9 |
| 51      | 54.4  | 38.0  | 57.0  |
| 86      | 58.8  | 49.8  | 74.8  |





#21

trans-1,2-Dichloroethene

Concen: 52.925 ug/l

RT: 2.31 min Scan# 171

Delta R.T. -0.02 min

Lab File: VF060885.D

Acq: 30 Nov 2018 00:28

Instrument :

MSVOA\_F

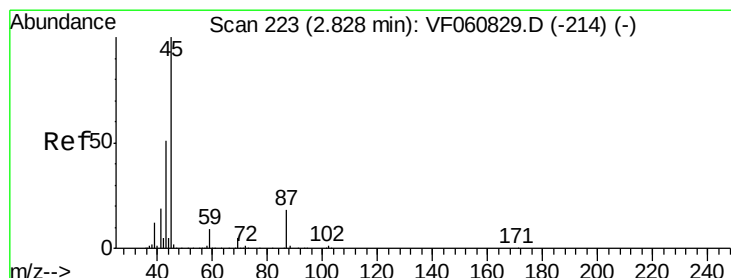
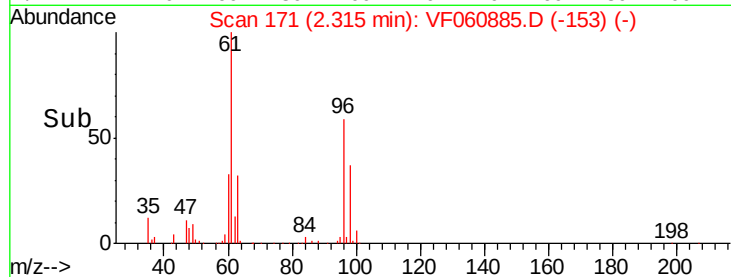
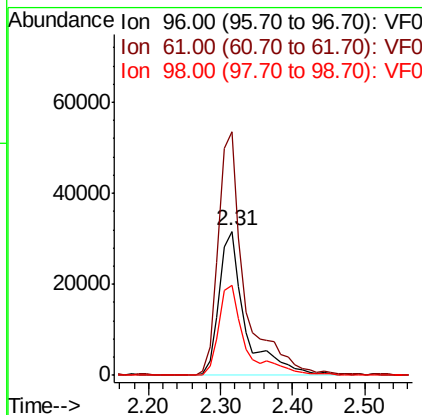
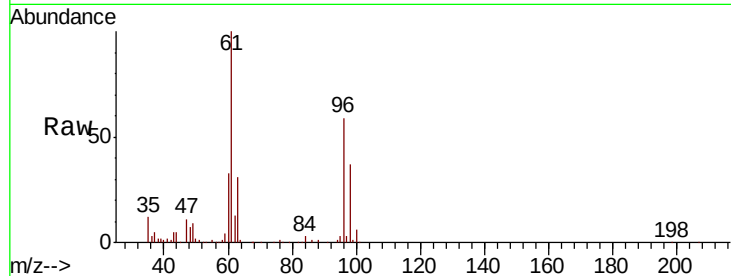
ClientSampleId :

VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 79591 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 169.3 | 134.5 | 201.7 |
| 98       | 62.7  | 51.6  | 77.4  |

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#22

Diisopropyl ether

Concen: 52.440 ug/l

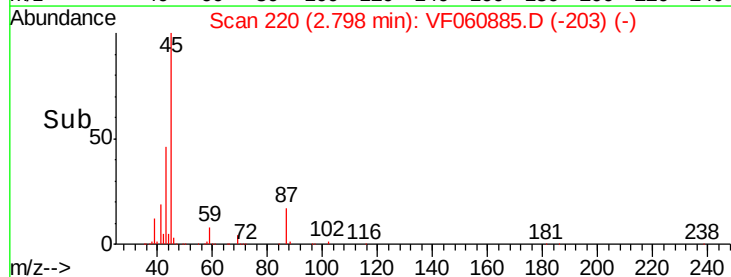
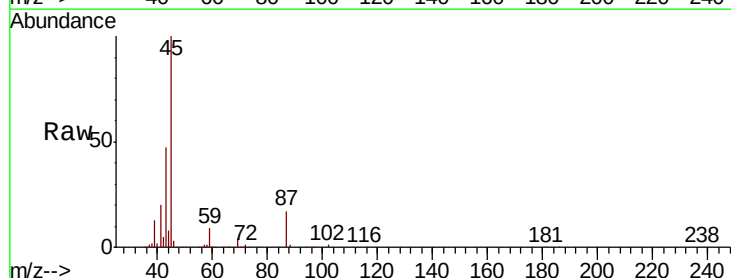
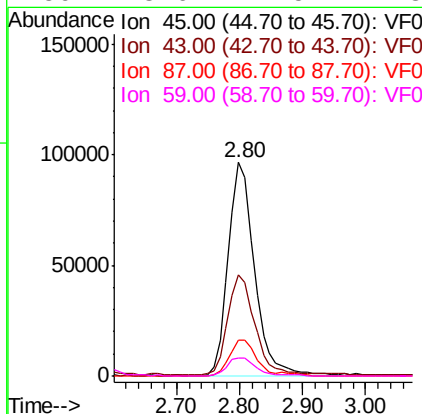
RT: 2.80 min Scan# 220

Delta R.T. -0.03 min

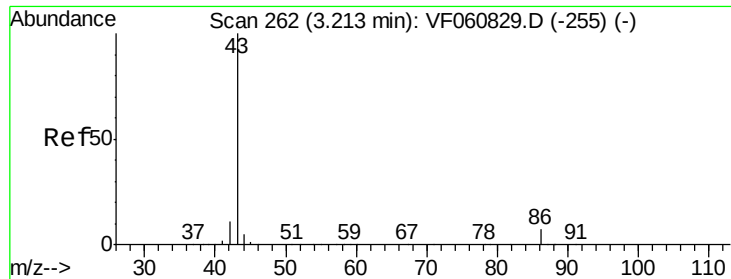
Lab File: VF060885.D

Acq: 30 Nov 2018 00:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 277525 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 47.3  | 41.0  | 61.6   |
| 87       | 17.0  | 14.6  | 22.0   |
| 59       | 8.6   | 7.5   | 11.3   |







#23

Vinyl Acetate

Concen: 259.155 ug/l

RT: 3.19 min Scan# 260

Delta R.T. -0.02 min

Lab File: VF060885.D

Acq: 30 Nov 2018 00:28

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 626928

Ion Ratio Lower Upper

43 100

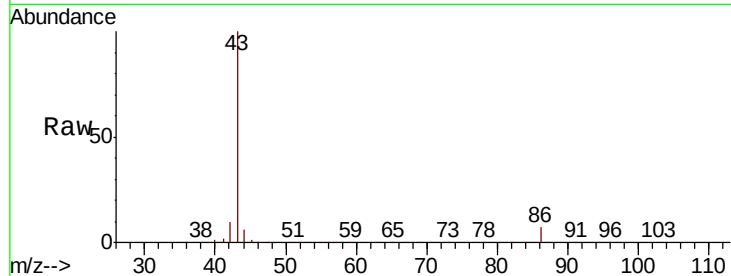
86 7.2 5.4 8.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

250000

200000

150000

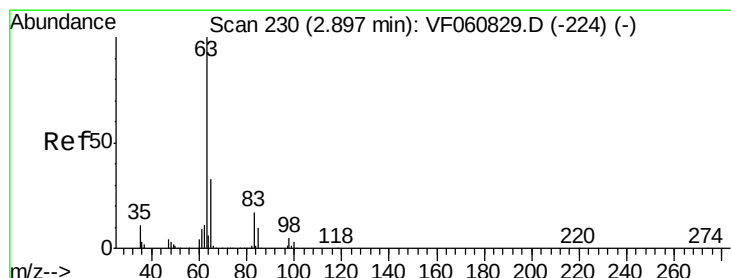
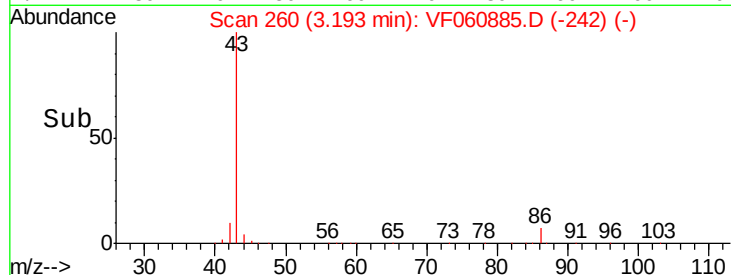
100000

50000

0

3.00 3.10 3.20 3.30 3.40

Time-->



#24

1,1-Dichloroethane

Concen: 53.228 ug/l

RT: 2.88 min Scan# 228

Delta R.T. -0.02 min

Lab File: VF060885.D

Acq: 30 Nov 2018 00:28

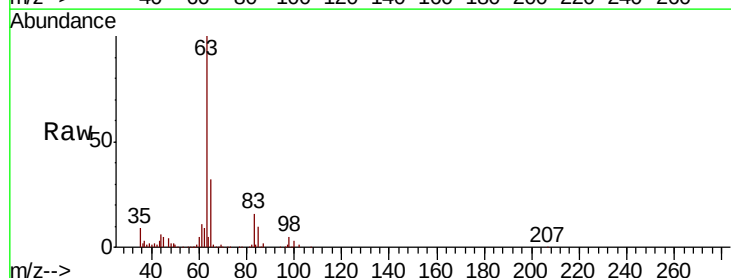
Tgt Ion: 63 Resp: 167596

Ion Ratio Lower Upper

63 100

98 4.8 2.7 8.1

100 3.0 1.5 4.5



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

80000

60000

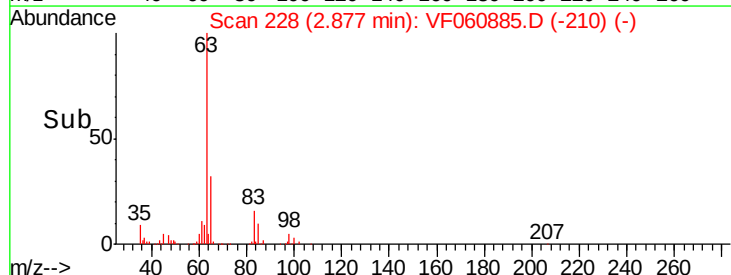
40000

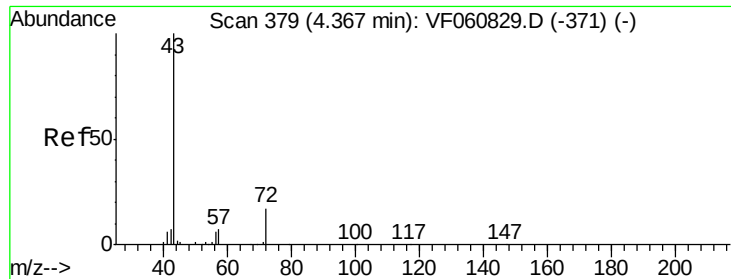
20000

0

2.70 2.80 2.90 3.00 3.10

Time-->





#25

2-Butanone

Concen: 238.095 ug/l

RT: 4.34 min Scan# 376

Delta R.T. -0.03 min

Lab File: VF060885.D

Acq: 30 Nov 2018 00:28

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 176243

Ion Ratio Lower Upper

43 100

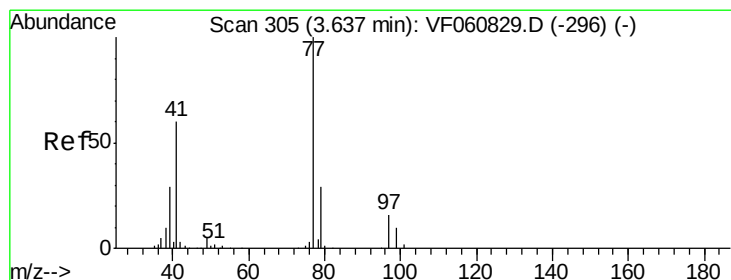
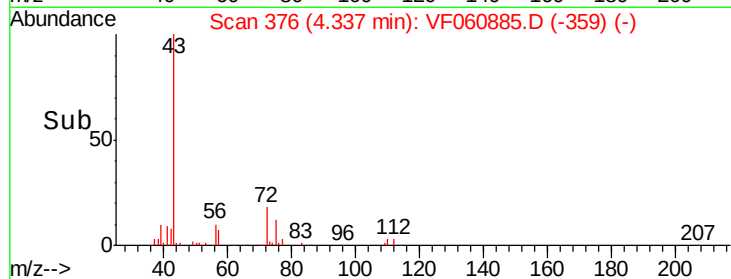
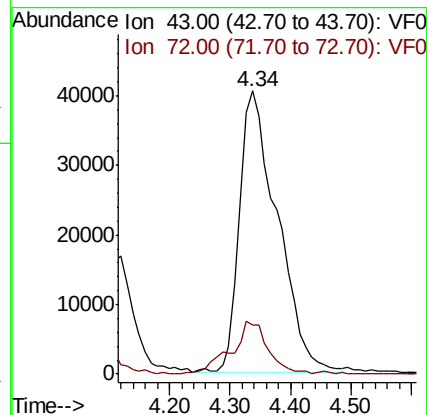
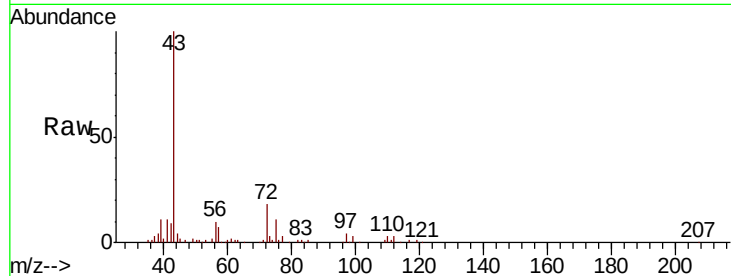
72 17.5 15.4 23.2

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#26

2,2-Dichloropropane

Concen: 44.155 ug/l

RT: 3.61 min Scan# 302

Delta R.T. -0.03 min

Lab File: VF060885.D

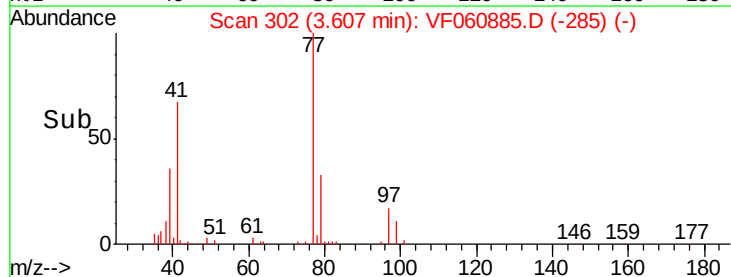
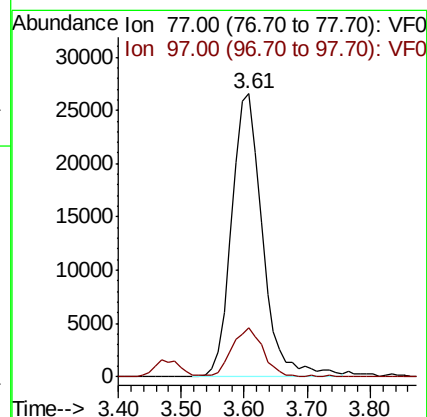
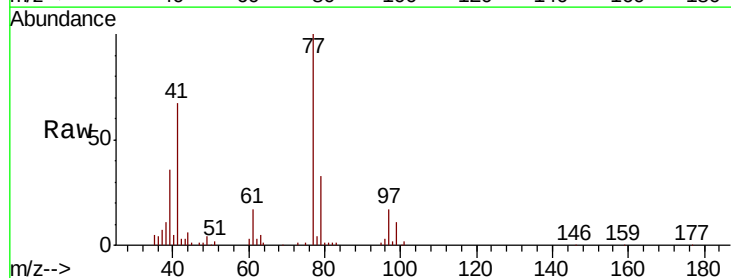
Acq: 30 Nov 2018 00:28

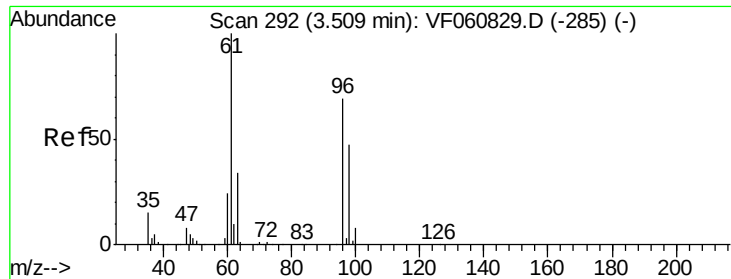
Tgt Ion: 77 Resp: 90135

Ion Ratio Lower Upper

77 100

97 17.4 8.6 25.8





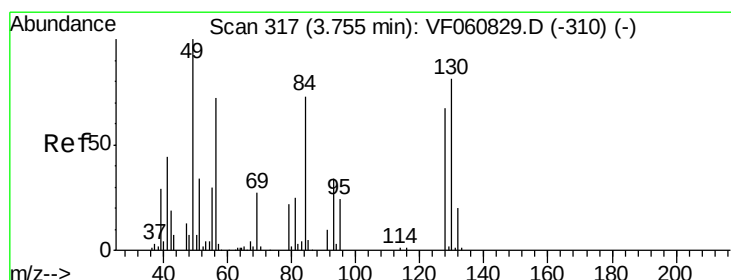
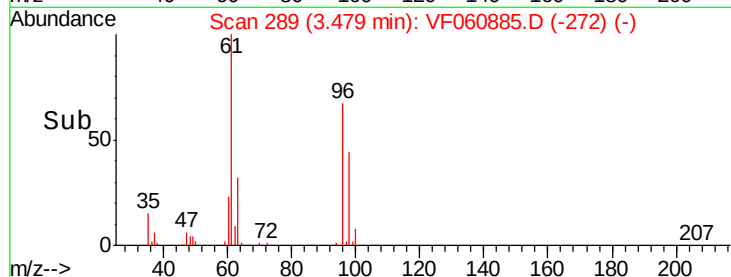
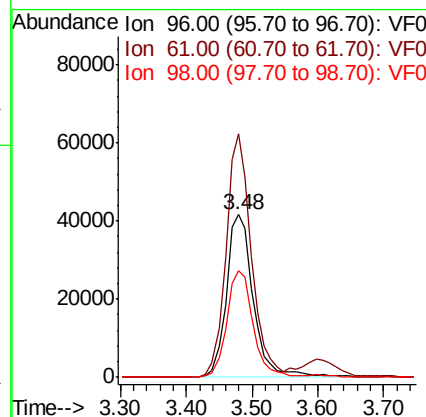
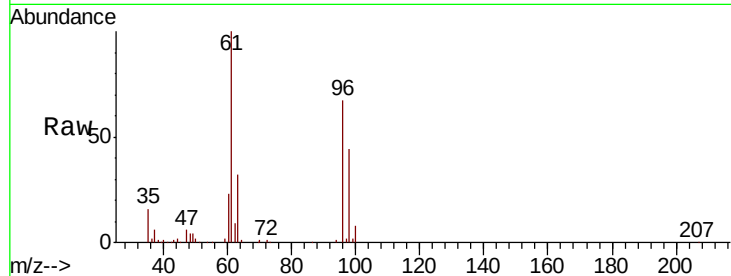
#27  
 cis-1,2-Dichloroethene  
 Concen: 48.650 ug/l  
 RT: 3.48 min Scan# 289  
 Delta R.T. -0.03 min  
 Lab File: VF060885.D  
 Acq: 30 Nov 2018 00:28

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 119108 |       |       |
| 61      | 149.5 | 0.0    | 290.6 |       |
| 98      | 65.5  | 0.0    | 137.8 |       |

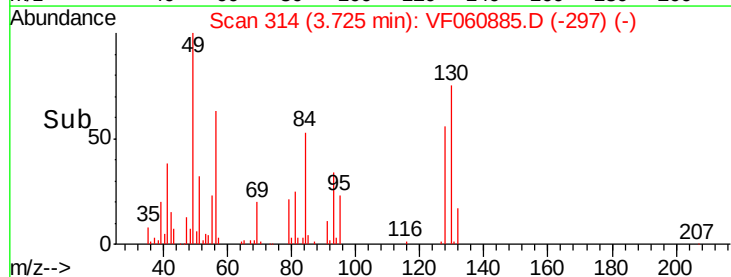
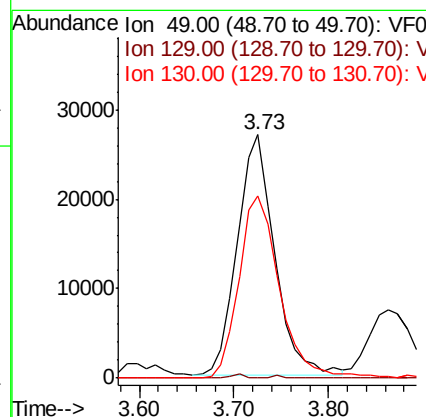
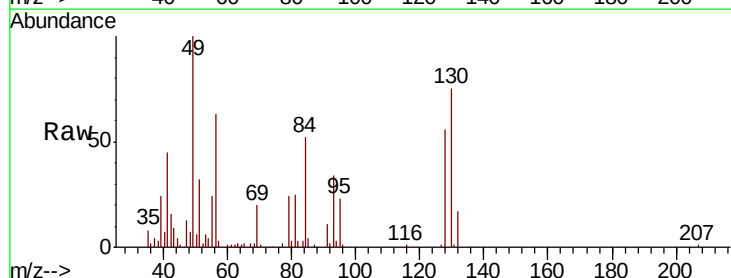
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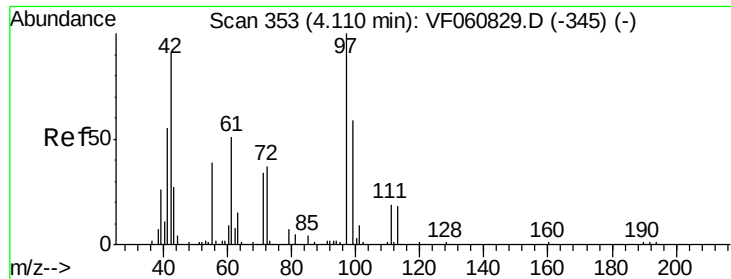
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#28  
 Bromochloromethane  
 Concen: 49.023 ug/l  
 RT: 3.73 min Scan# 314  
 Delta R.T. -0.03 min  
 Lab File: VF060885.D  
 Acq: 30 Nov 2018 00:28

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 49      | 100   | 74080 |       |       |
| 129     | 0.0   | 0.0   | 4.4   |       |
| 130     | 74.9  | 64.2  | 96.4  |       |





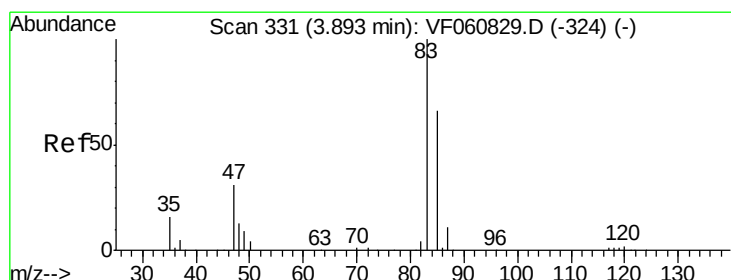
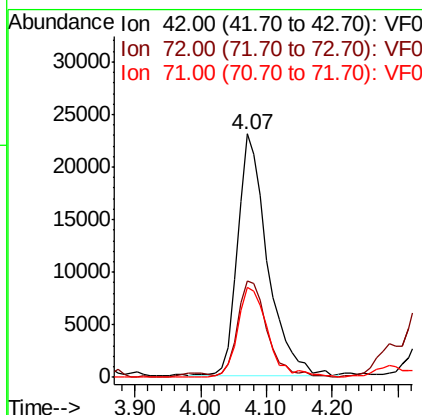
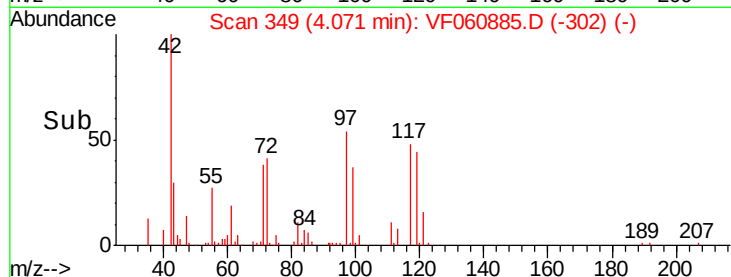
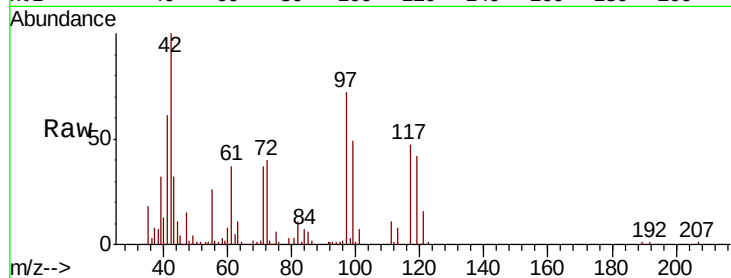
#29  
Tetrahydrofuran  
Concen: 233.822 ug/l  
RT: 4.07 min Scan# 349  
Delta R.T. -0.04 min  
Lab File: VF060885.D  
Acq: 30 Nov 2018 00:28

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 39.7  | 31.9  | 47.9  |
| 71      | 38.0  | 28.7  | 43.1  |

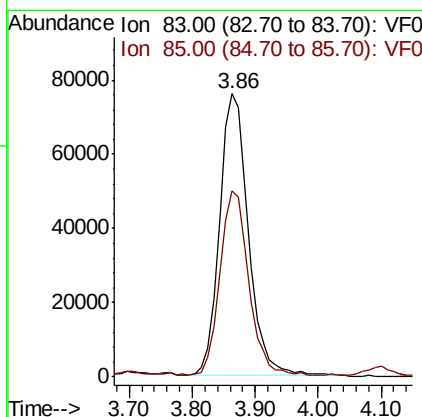
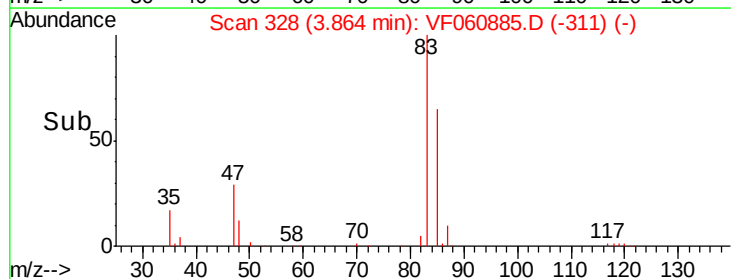
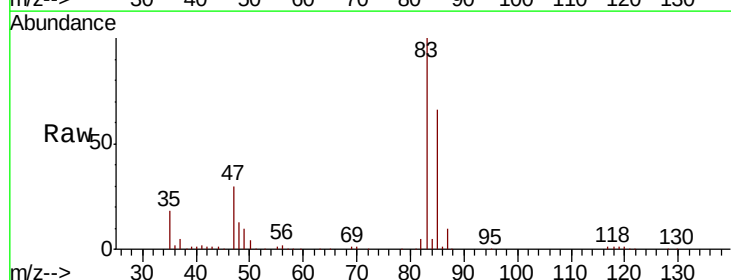
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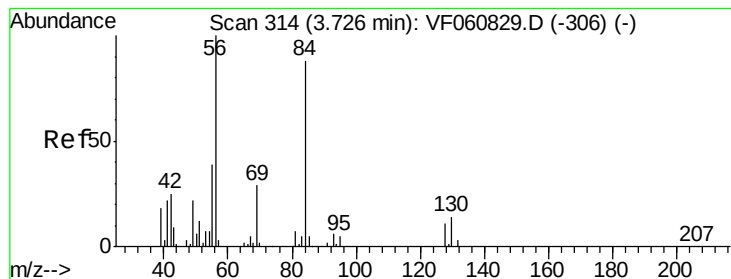
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#30  
Chloroform  
Concen: 49.562 ug/l  
RT: 3.86 min Scan# 328  
Delta R.T. -0.03 min  
Lab File: VF060885.D  
Acq: 30 Nov 2018 00:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.5  | 53.4  | 80.2  |





#31

Cyclohexane

Concen: 47.318 ug/l m

RT: 3.70 min Scan# 311

Delta R.T. -0.03 min

Lab File: VF060885.D

Acq: 30 Nov 2018 00:28

Instrument :

MSVOA\_F

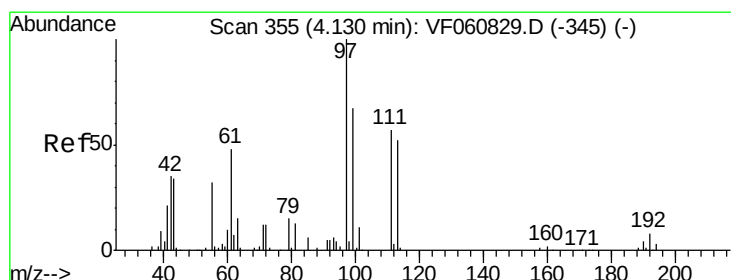
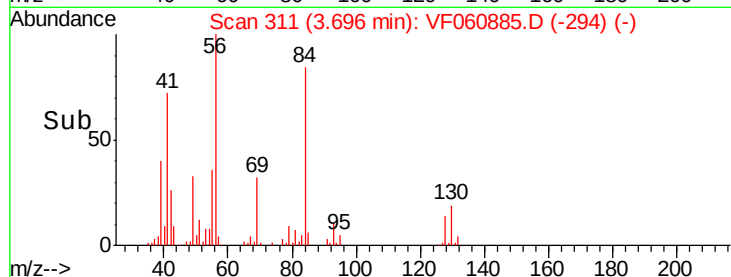
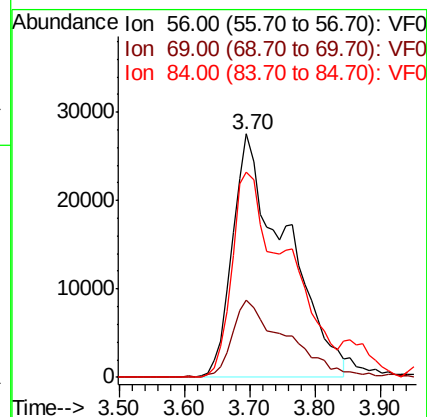
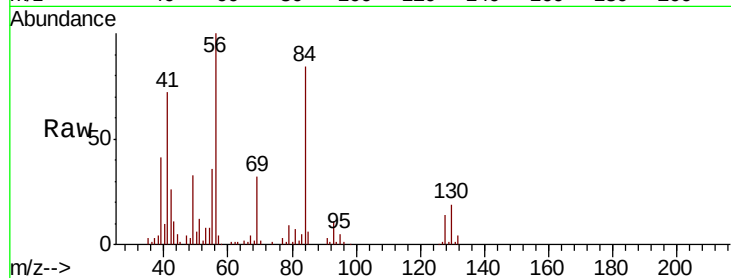
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 56    | Resp: | 154624 |
| Ion Ratio | Lower | Upper |        |
| 56        | 100   |       |        |
| 69        | 31.5  | 23.0  | 34.4   |
| 84        | 84.0  | 70.4  | 105.6  |

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#32

1,1,1-Trichloroethane

Concen: 43.905 ug/l

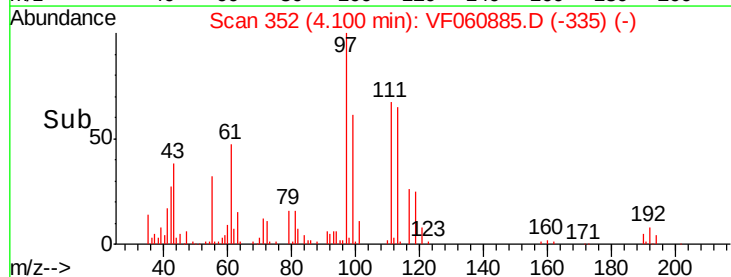
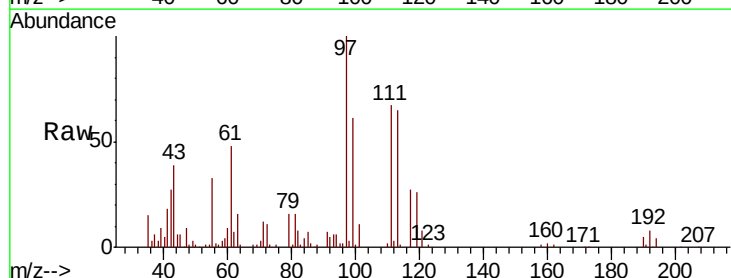
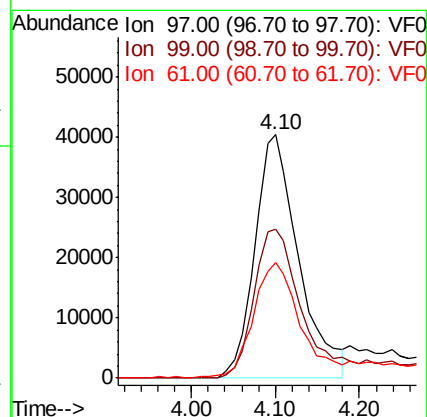
RT: 4.10 min Scan# 352

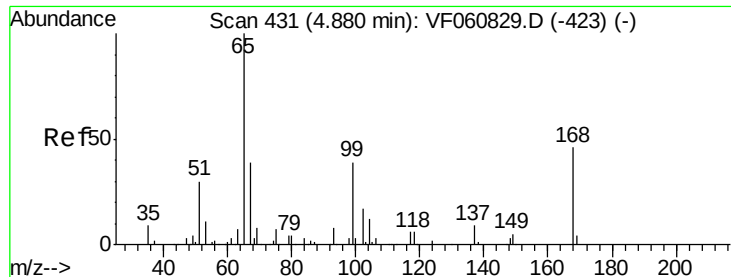
Delta R.T. -0.03 min

Lab File: VF060885.D

Acq: 30 Nov 2018 00:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 97    | Resp: | 147556 |
| Ion Ratio | Lower | Upper |        |
| 97        | 100   |       |        |
| 99        | 60.9  | 53.5  | 80.3   |
| 61        | 47.5  | 38.6  | 58.0   |





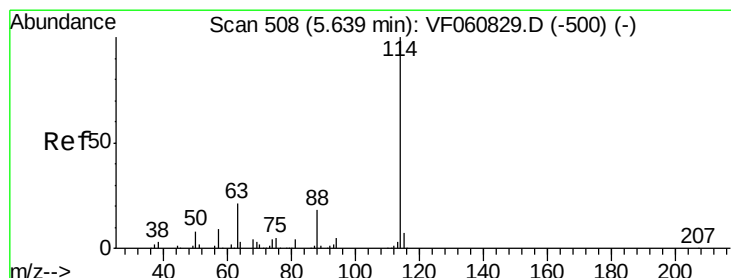
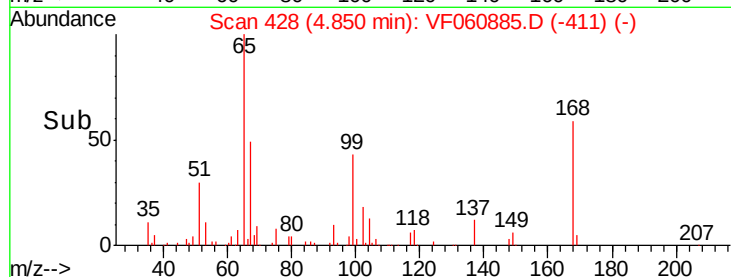
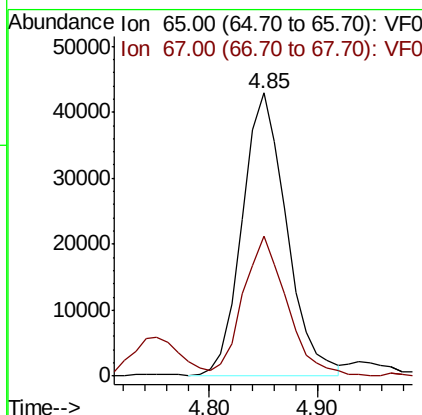
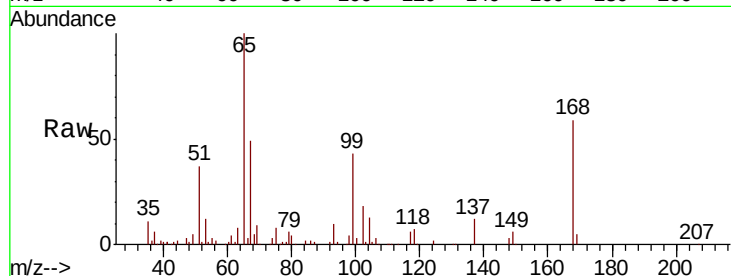
#33  
 1,2-Dichloroethane-d4  
 Concen: 52.928 ug/l  
 RT: 4.85 min Scan# 428  
 Delta R.T. -0.03 min  
 Lab File: VF060885.D  
 Acq: 30 Nov 2018 00:28

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 122832 |       |       |
| 67      | 49.3  | 0.0    | 96.4  |       |

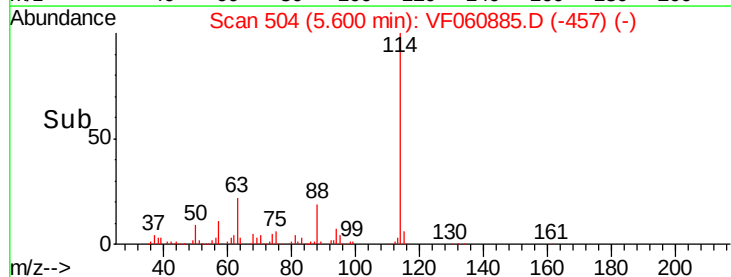
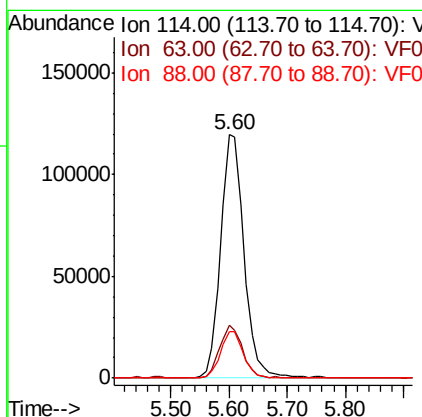
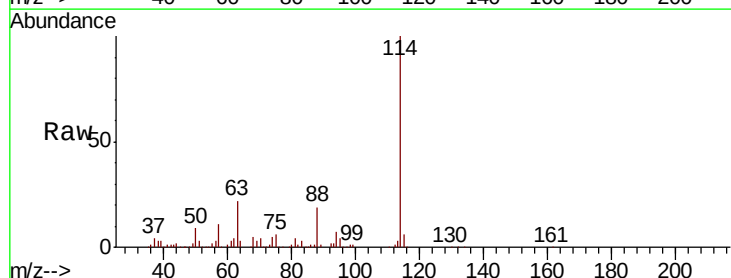
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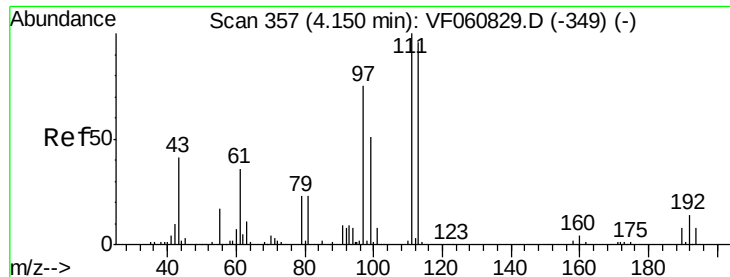
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.60 min Scan# 504  
 Delta R.T. -0.04 min  
 Lab File: VF060885.D  
 Acq: 30 Nov 2018 00:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 334850 |       |       |
| 63      | 21.6  | 0.0    | 41.6  |       |
| 88      | 19.2  | 0.0    | 36.6  |       |





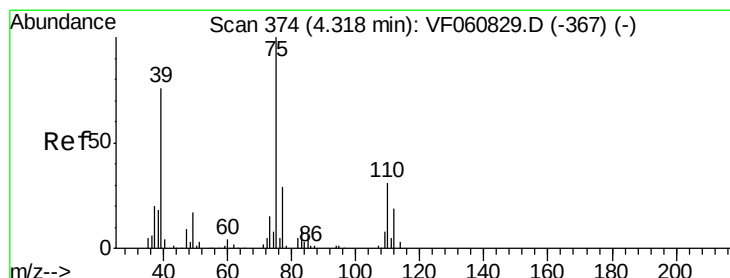
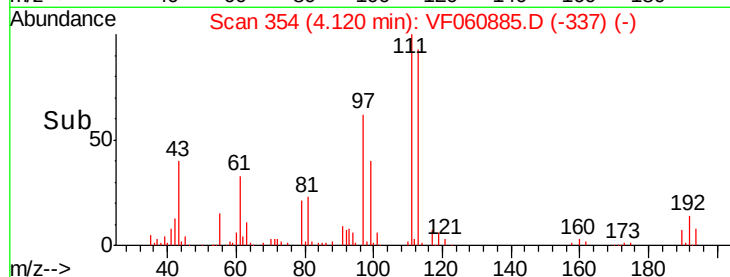
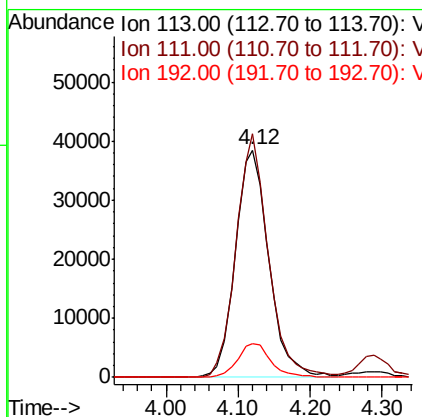
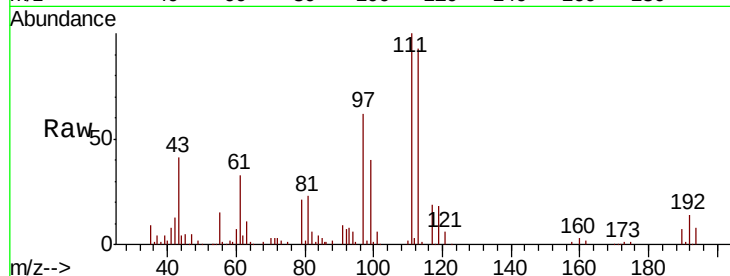
#35  
Dibromofluoromethane  
Concen: 46.937 ug/l  
RT: 4.12 min Scan# 354  
Delta R.T. -0.03 min  
Lab File: VF060885.D  
Acq: 30 Nov 2018 00:28

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 124687 |       |       |
| 111     | 107.0 | 83.0   | 124.6 |       |
| 192     | 15.4  | 12.3   | 18.5  |       |

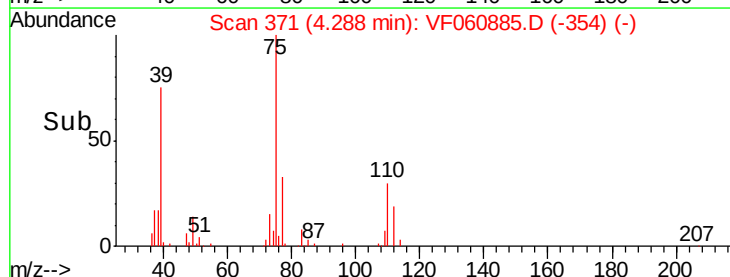
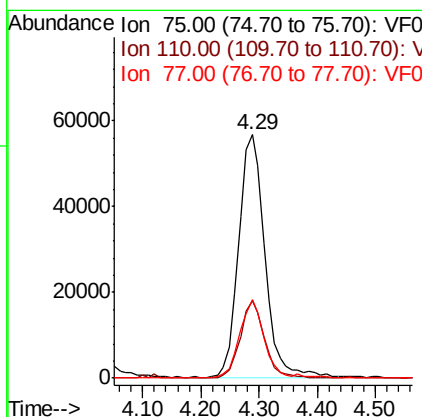
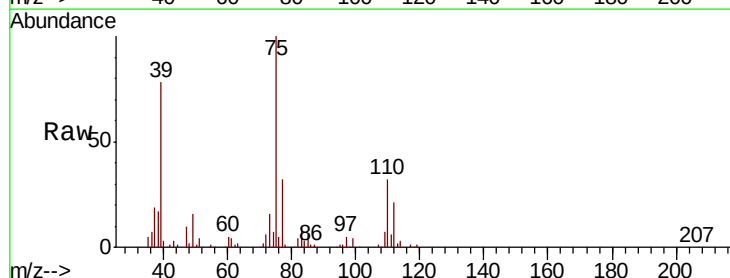
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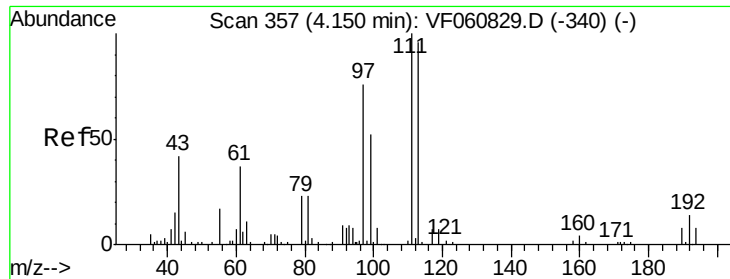
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#36  
1,1-Dichloropropene  
Concen: 47.807 ug/l  
RT: 4.29 min Scan# 371  
Delta R.T. -0.03 min  
Lab File: VF060885.D  
Acq: 30 Nov 2018 00:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 177558 |       |       |
| 110     | 31.5  | 15.6   | 46.8  |       |
| 77      | 32.3  | 23.4   | 35.0  |       |





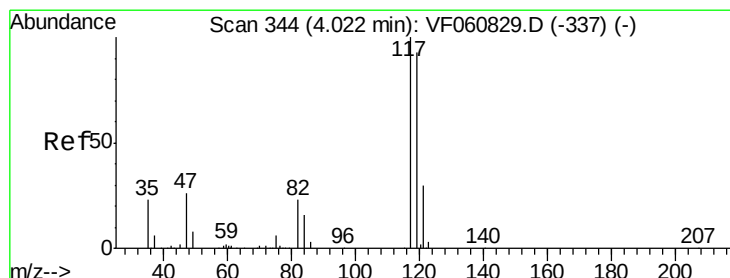
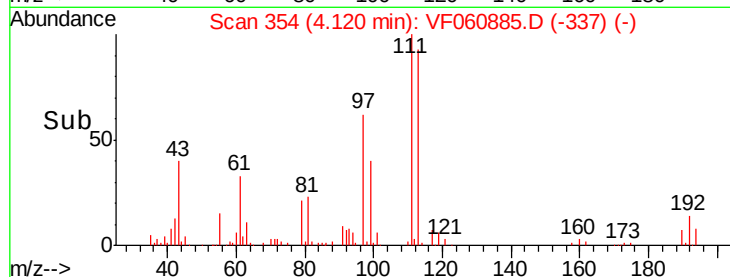
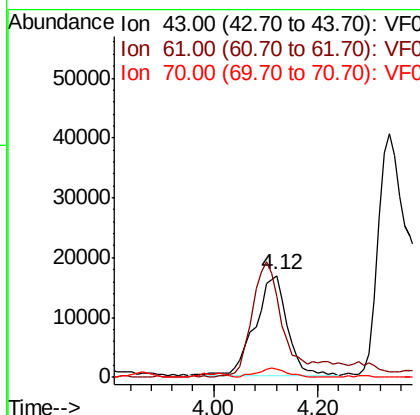
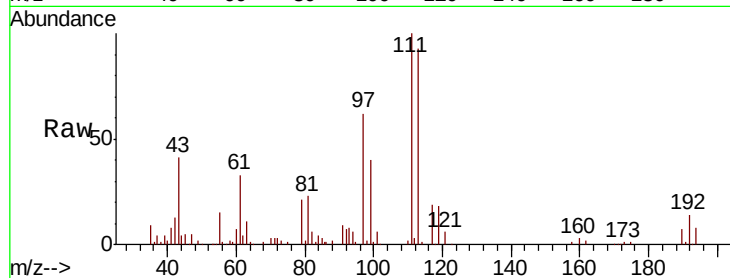
#37  
Ethyl Acetate  
Concen: 47.074 ug/l  
RT: 4.12 min Scan# 354  
Delta R.T. -0.03 min  
Lab File: VF060885.D  
Acq: 30 Nov 2018 00:28

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | 43    | 61    | 70   |
|---------|-------|-------|------|
| Resp    | 71049 |       |      |
| Ratio   | 100   | 79.4  | 7.7  |
| Lower   |       | 68.6  | 9.0  |
| Upper   |       | 103.0 | 13.4 |

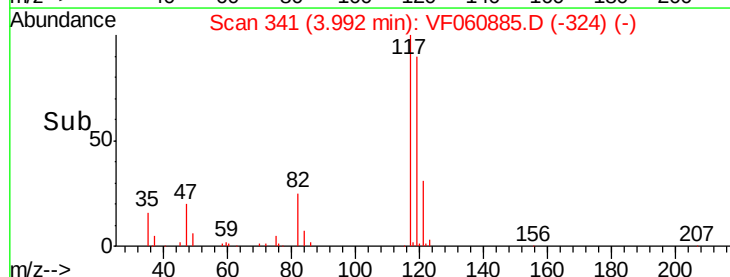
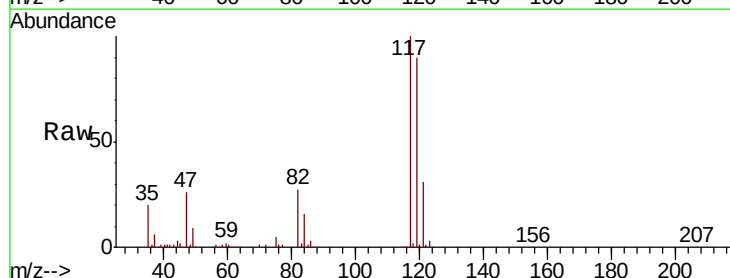
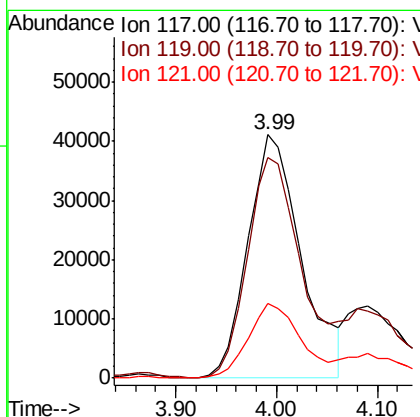
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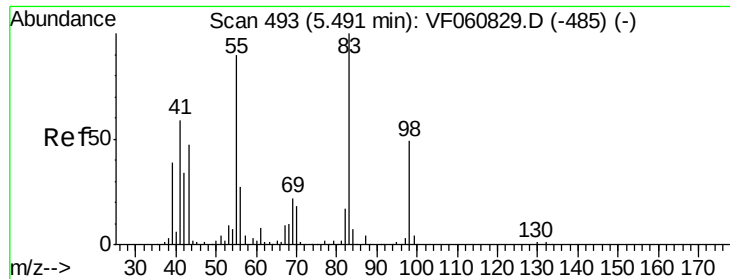


#38  
Carbon Tetrachloride  
Concen: 46.053 ug/l  
RT: 3.99 min Scan# 341  
Delta R.T. -0.03 min  
Lab File: VF060885.D  
Acq: 30 Nov 2018 00:28

| Tgt Ion | 117    | 119   | 121  |
|---------|--------|-------|------|
| Resp    | 151074 |       |      |
| Ratio   | 100    | 90.4  | 30.6 |
| Lower   |        | 74.4  | 23.5 |
| Upper   |        | 111.6 | 35.3 |







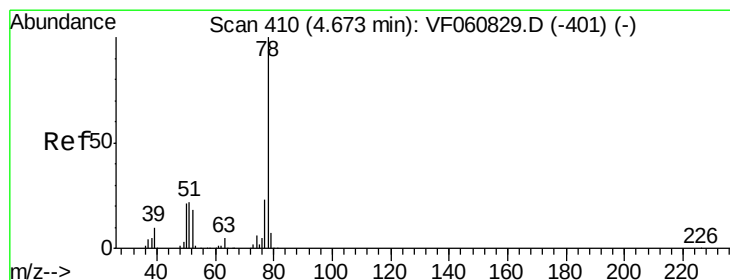
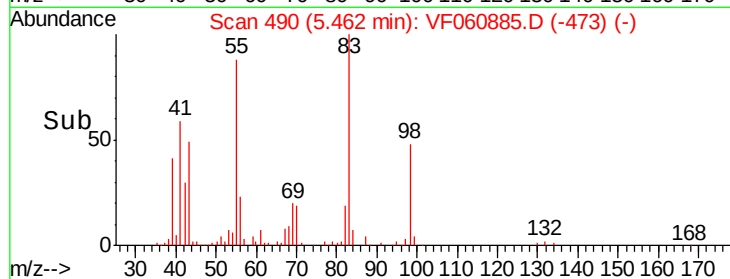
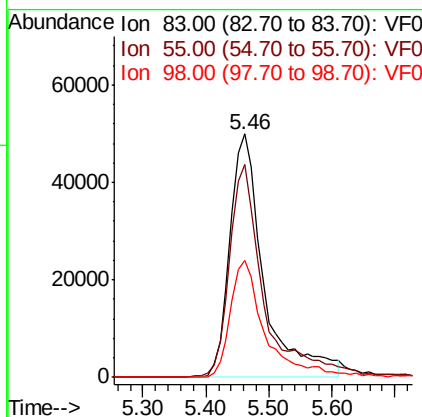
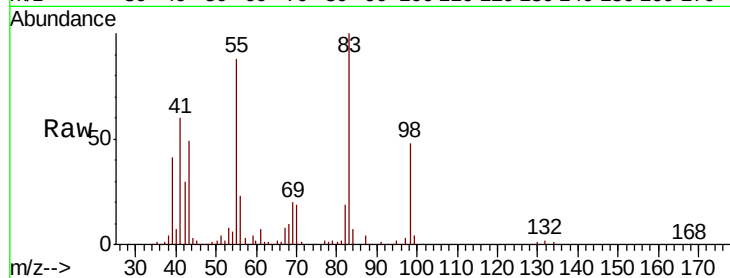
#39  
Methylvlcyclohexane  
Concen: 48.033 ug/l  
RT: 5.46 min Scan# 490  
Delta R.T. -0.03 min  
Lab File: VF060885.D  
Acq: 30 Nov 2018 00:28

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion   | 83    | Resp  | 186957 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 55        | 87.7  | 72.1  | 108.1  |
| 98        | 48.0  | 39.1  | 58.7   |

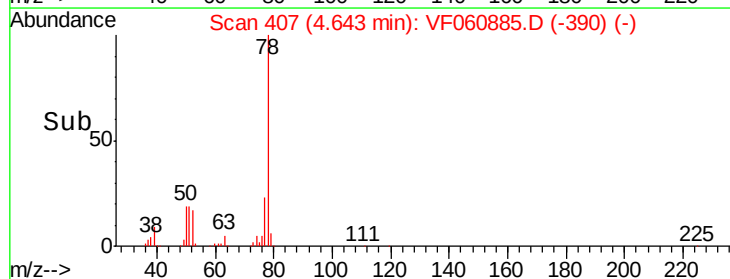
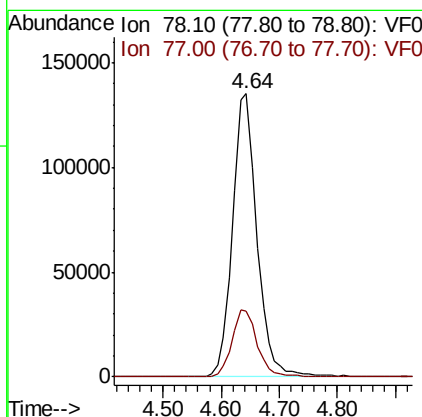
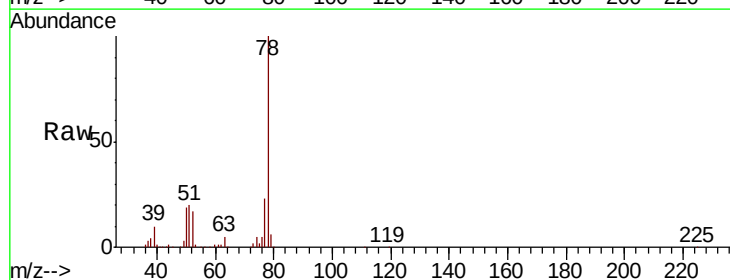
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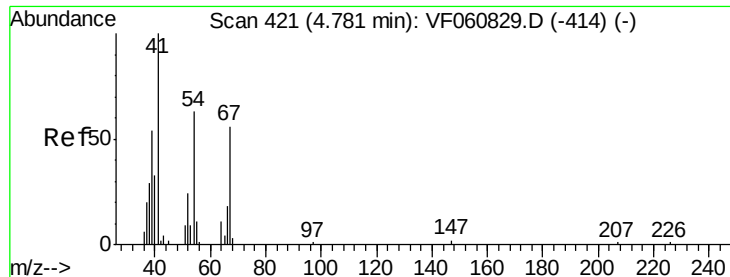
apatel  
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#40  
Benzene  
Concen: 47.935 ug/l  
RT: 4.64 min Scan# 407  
Delta R.T. -0.03 min  
Lab File: VF060885.D  
Acq: 30 Nov 2018 00:28

| Tgt Ion   | 78    | Resp  | 393308 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 78        | 100   |       |        |
| 77        | 23.2  | 18.7  | 28.1   |





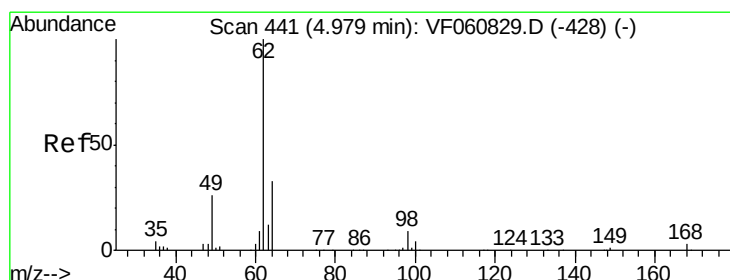
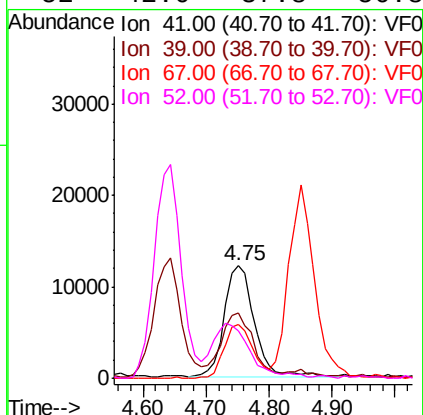
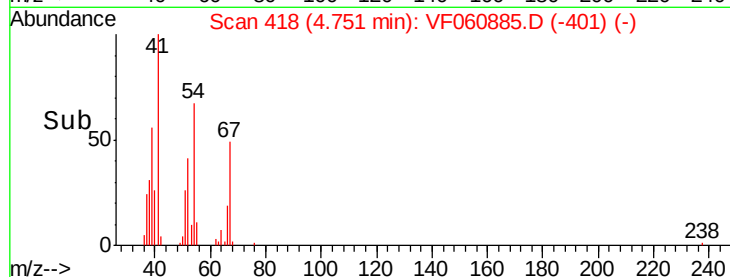
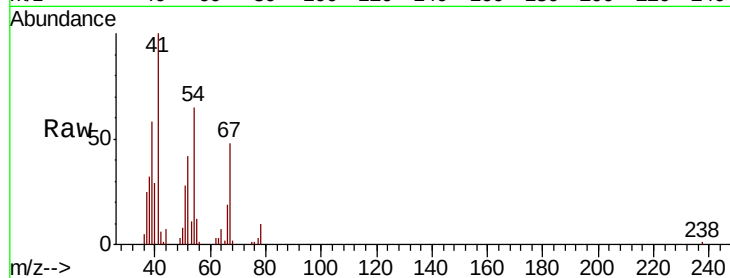
#41  
Methacrylonitrile  
Concen: 51.748 ug/l  
RT: 4.75 min Scan# 418  
Delta R.T. -0.03 min  
Lab File: VF060885.D  
Acq: 30 Nov 2018 00:28

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 40332 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 58.0  | 53.0  | 79.6  |
| 67       | 47.6  | 43.8  | 65.6  |
| 52       | 42.0  | 37.8  | 56.8  |

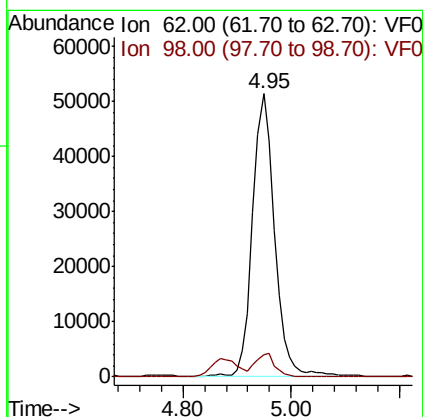
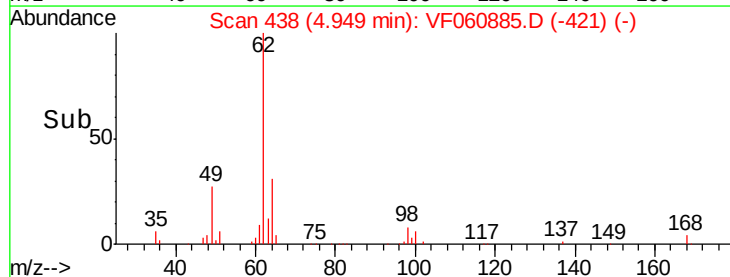
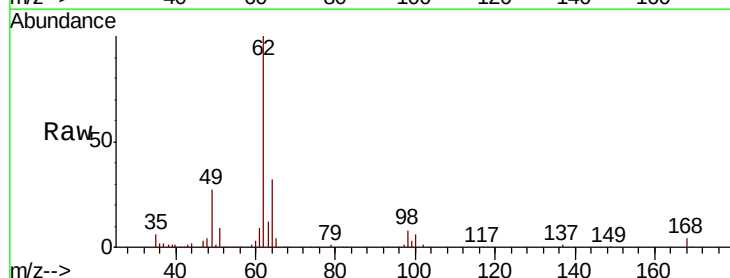
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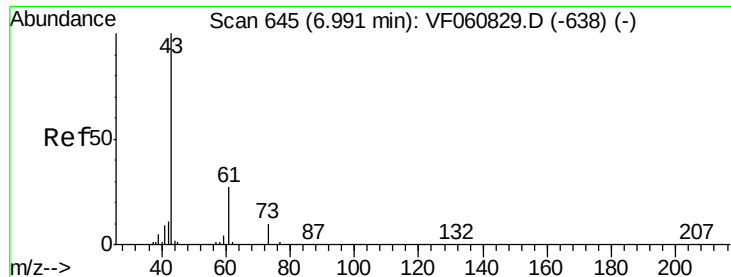
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#42  
1,2-Dichloroethane  
Concen: 48.740 ug/l  
RT: 4.95 min Scan# 438  
Delta R.T. -0.03 min  
Lab File: VF060885.D  
Acq: 30 Nov 2018 00:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 146000 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 7.9   | 0.0   | 17.2   |





#43

Isopropyl Acetate

Concen: 46.160 ug/l

RT: 6.96 min Scan# 642

Delta R.T. -0.03 min

Lab File: VF060885.D

Acq: 30 Nov 2018 00:28

Instrument :

MSVOA\_F

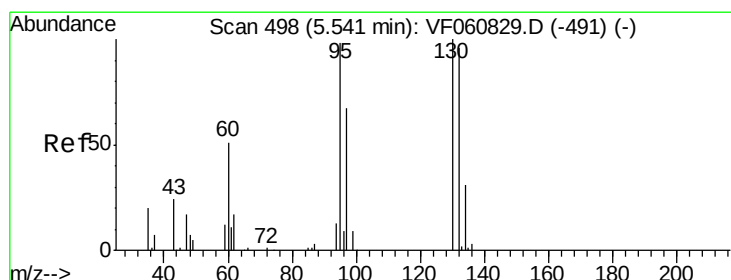
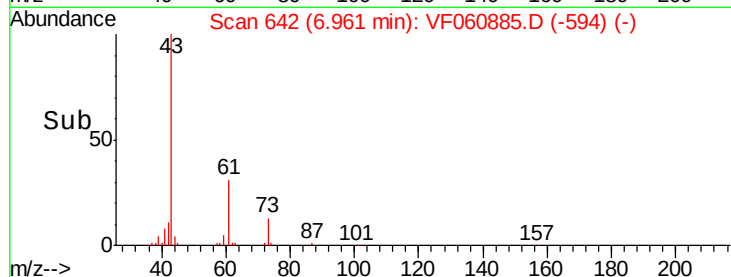
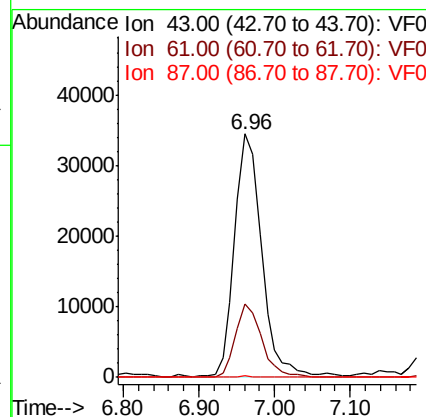
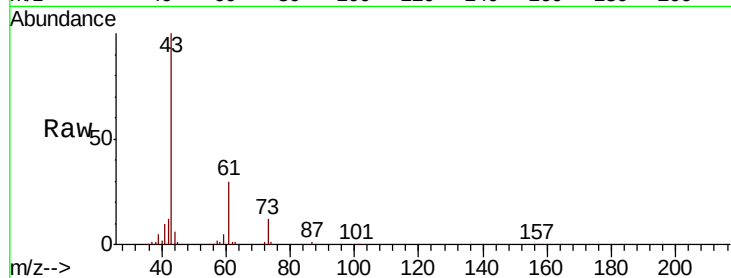
ClientSampleId :

VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 86347 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 30.1  | 21.4  | 32.0  |
| 87       | 0.5   | 0.2   | 0.4   |

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#44

Trichloroethene

Concen: 45.953 ug/l

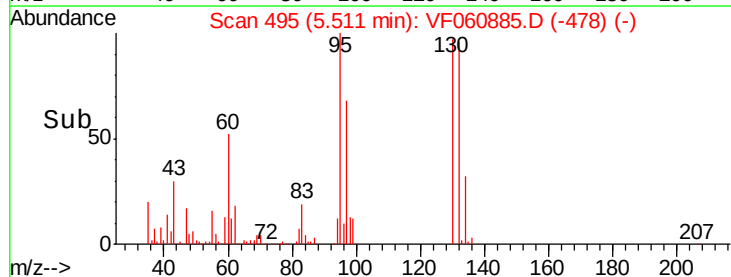
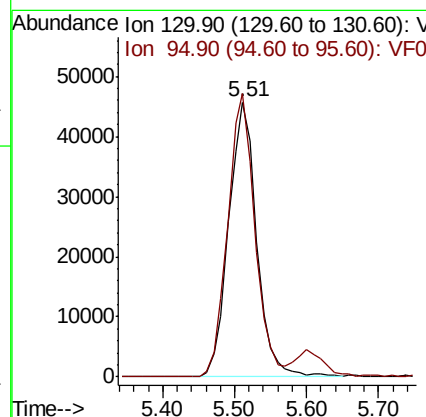
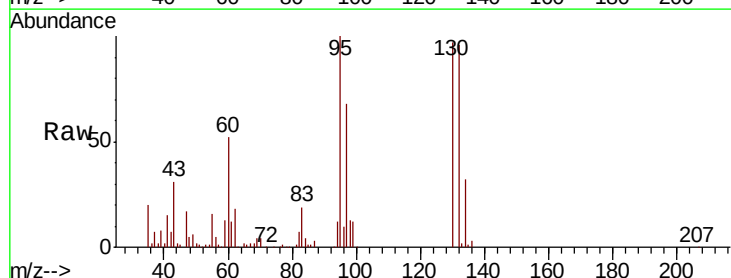
RT: 5.51 min Scan# 495

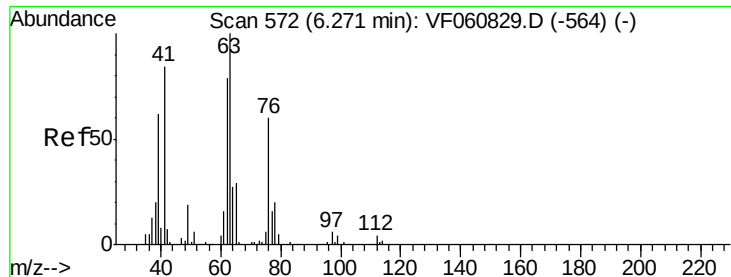
Delta R.T. -0.03 min

Lab File: VF060885.D

Acq: 30 Nov 2018 00:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 123282 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 102.9 | 0.0   | 195.6  |





#45

1,2-Dichloropropane

Concen: 47.361 ug/l

RT: 6.24 min Scan# 569

Delta R.T. -0.03 min

Lab File: VF060885.D

Acq: 30 Nov 2018 00:28

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 100924

Ion Ratio Lower Upper

63 100

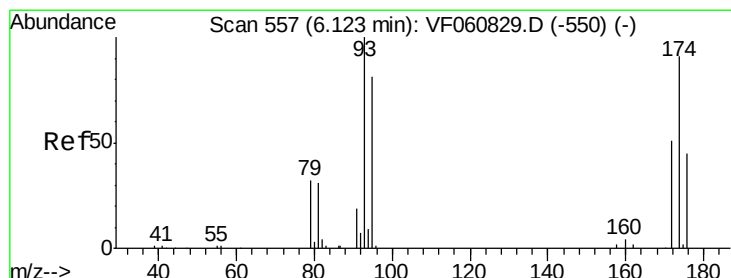
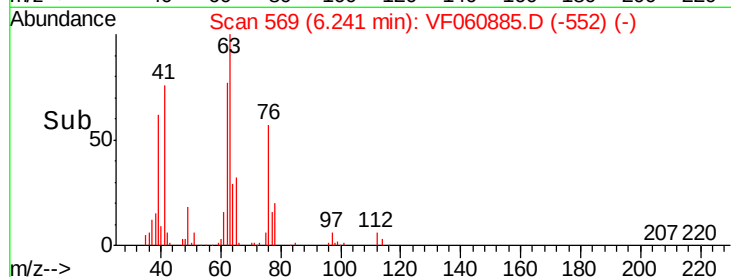
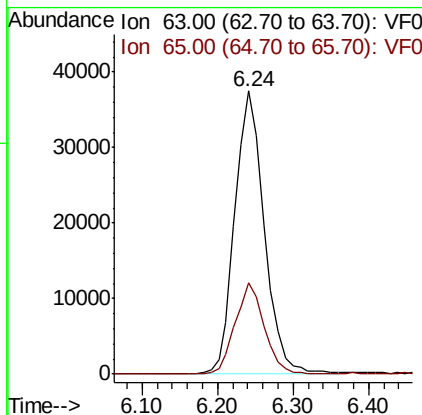
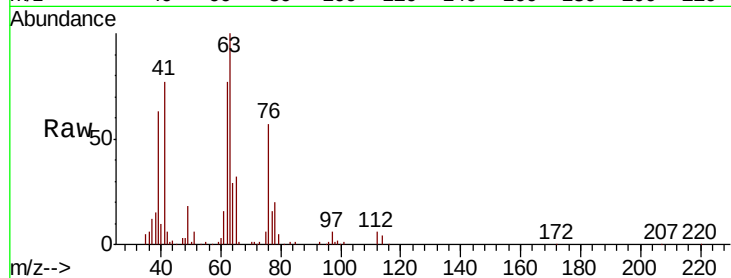
65 32.5 23.2 34.8

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#46

Dibromomethane

Concen: 48.725 ug/l

RT: 6.09 min Scan# 554

Delta R.T. -0.03 min

Lab File: VF060885.D

Acq: 30 Nov 2018 00:28

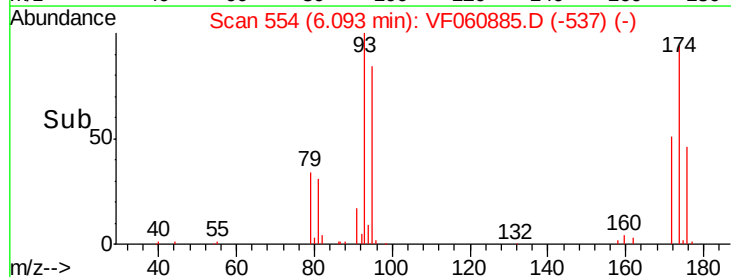
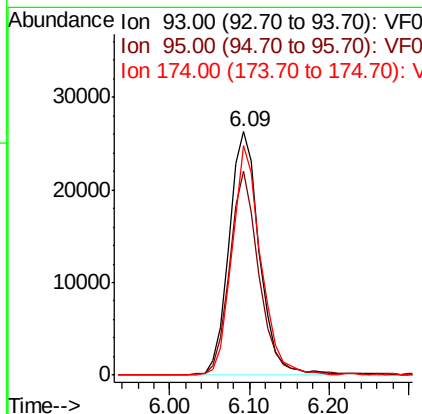
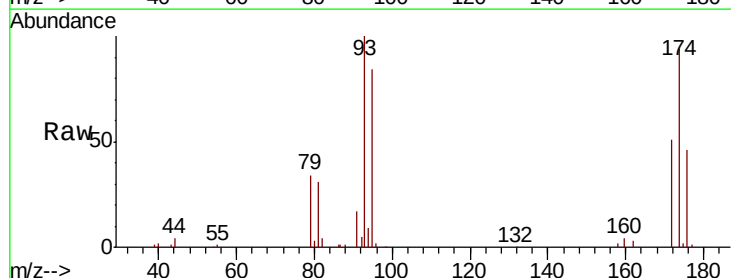
Tgt Ion: 93 Resp: 70435

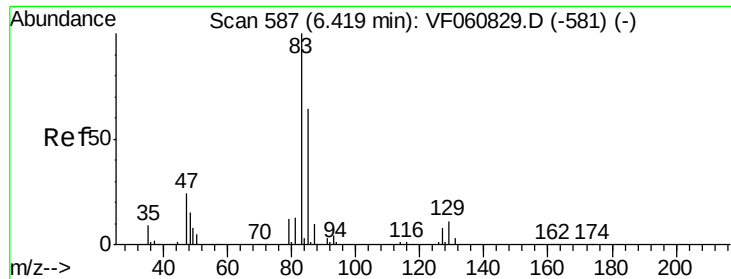
Ion Ratio Lower Upper

93 100

95 84.0 64.7 97.1

174 94.0 73.0 109.6





#47

Bromodichloromethane

Concen: 47.762 ug/l

RT: 6.39 min Scan# 584

Delta R.T. -0.03 min

Lab File: VF060885.D

Acq: 30 Nov 2018 00:28

Instrument :

MSVOA\_F

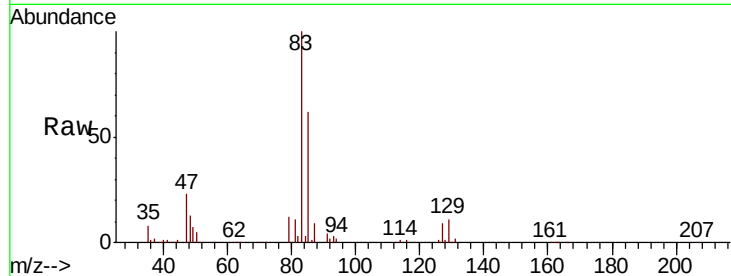
ClientSampleId :

VSTDCCC050EC

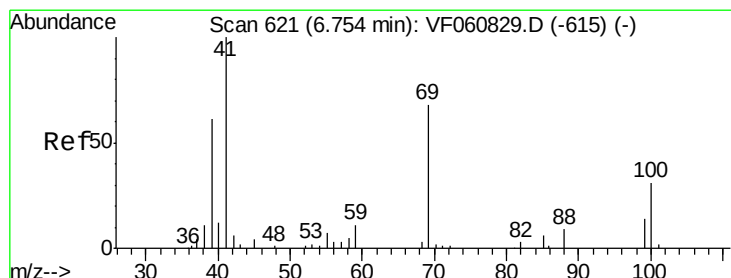
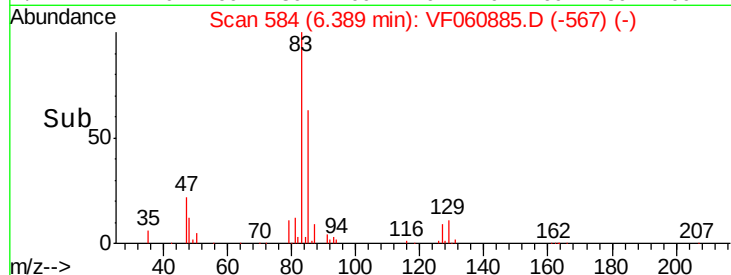
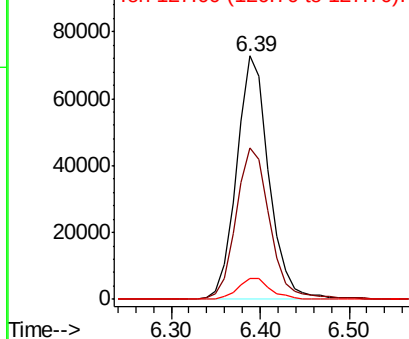
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 183378 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 62.4  | 51.1  | 76.7   |
| 127      | 8.6   | 6.8   | 10.2   |

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Abundance Ion 83.00 (82.70 to 83.70): VF0  
Ion 85.00 (84.70 to 85.70): VF0  
Ion 127.00 (126.70 to 127.70): V



#48

Methyl methacrylate

Concen: 43.243 ug/l

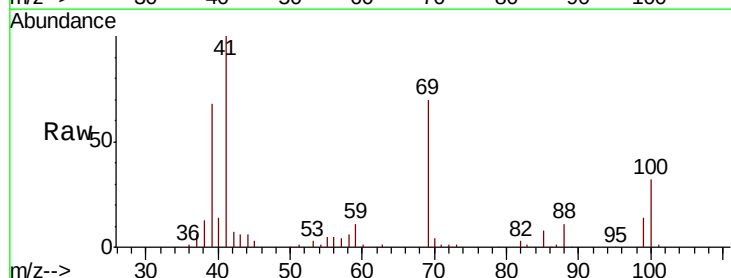
RT: 6.72 min Scan# 618

Delta R.T. -0.03 min

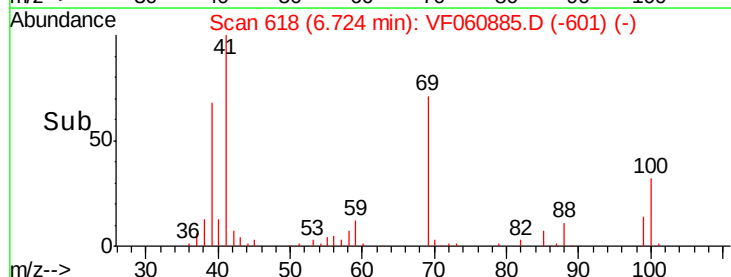
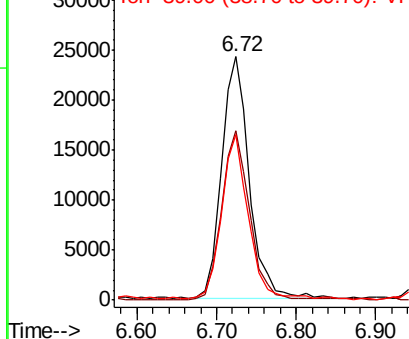
Lab File: VF060885.D

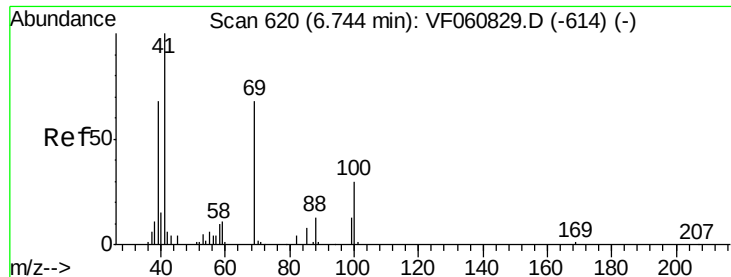
Acq: 30 Nov 2018 00:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 59078 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 69.7  | 53.9  | 80.9  |
| 39       | 67.8  | 49.0  | 73.6  |



Abundance Ion 41.00 (40.70 to 41.70): VF0  
Ion 69.00 (68.70 to 69.70): VF0  
Ion 39.00 (38.70 to 39.70): VF0





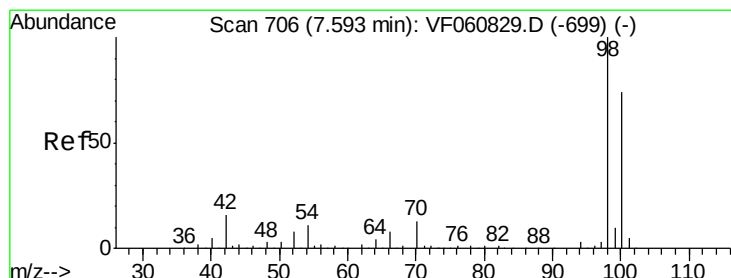
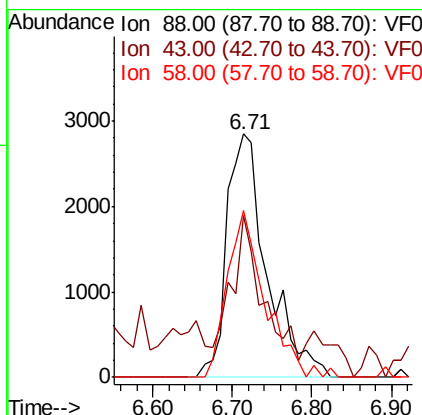
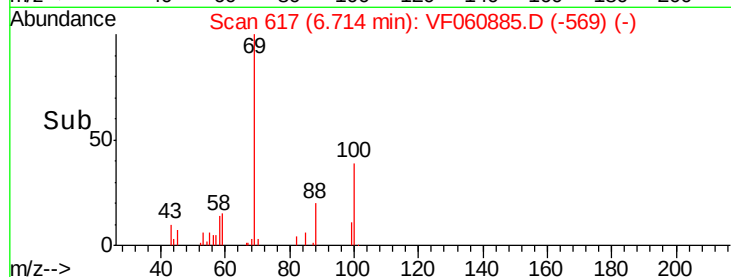
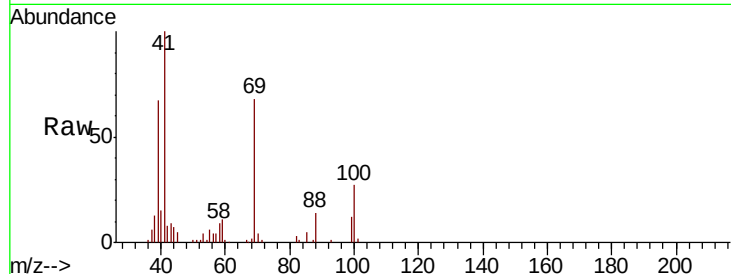
#49  
1,4-Dioxane  
Concen: 1004.843 ug/l  
RT: 6.71 min Scan# 617  
Delta R.T. -0.03 min  
Lab File: VF060885.D  
Acq: 30 Nov 2018 00:28

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 66.3  | 42.0  | 63.0# |
| 58      | 68.4  | 61.8  | 92.8  |

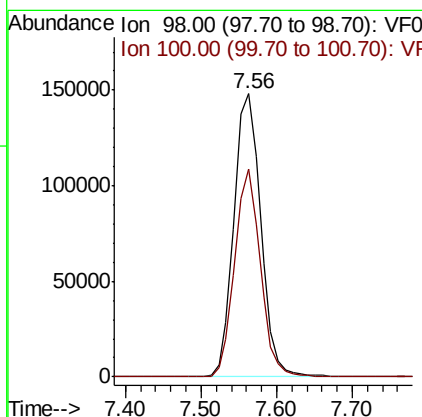
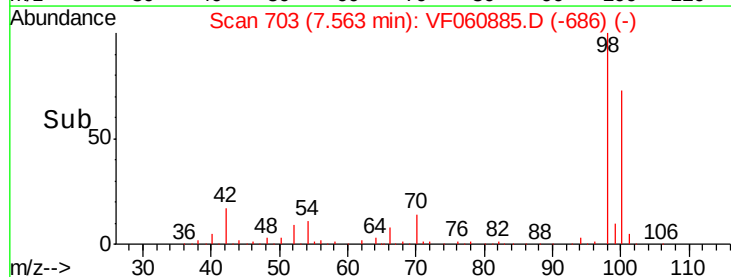
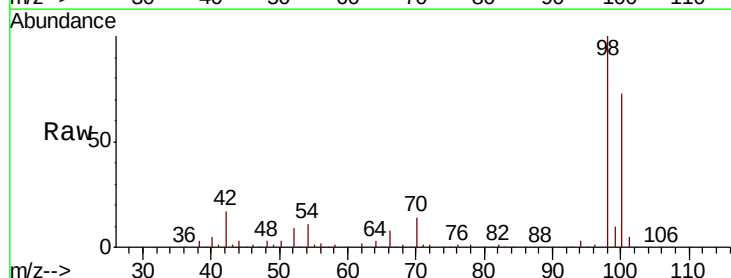
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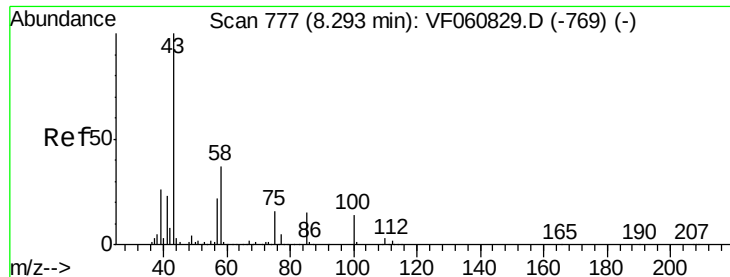
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#50  
Toluene-d8  
Concen: 46.598 ug/l  
RT: 7.56 min Scan# 703  
Delta R.T. -0.03 min  
Lab File: VF060885.D  
Acq: 30 Nov 2018 00:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 73.3  | 59.3  | 88.9  |





#51

4-Methyl-2-Pentanone

Concen: 228.835 ug/l

RT: 8.26 min Scan# 774

Delta R.T. -0.03 min

Lab File: VF060885.D

Acq: 30 Nov 2018 00:28

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 318494

Ion Ratio Lower Upper

43 100

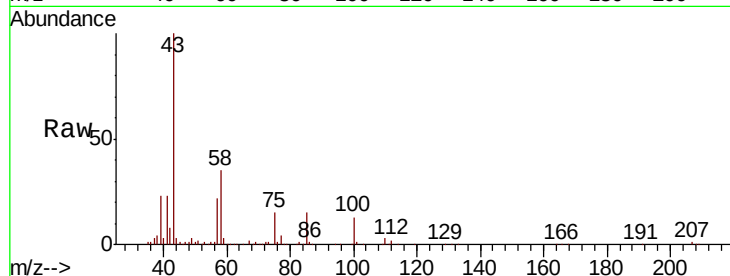
58 35.2 29.7 44.5

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Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

150000

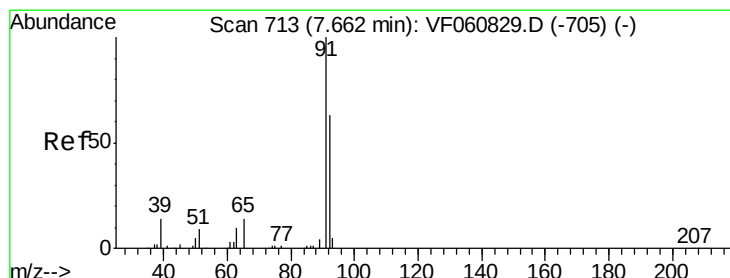
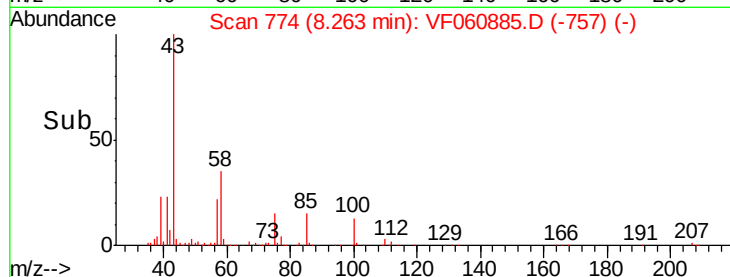
100000

50000

0

8.10 8.20 8.30 8.40

Time-->



#52

Toluene

Concen: 43.987 ug/l

RT: 7.63 min Scan# 710

Delta R.T. -0.03 min

Lab File: VF060885.D

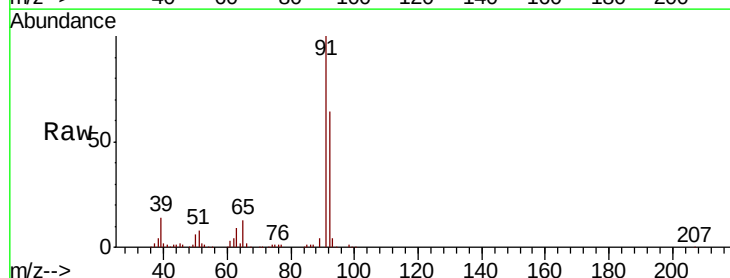
Acq: 30 Nov 2018 00:28

Tgt Ion: 92 Resp: 253515

Ion Ratio Lower Upper

92 100

91 156.9 126.2 189.2



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

200000

150000

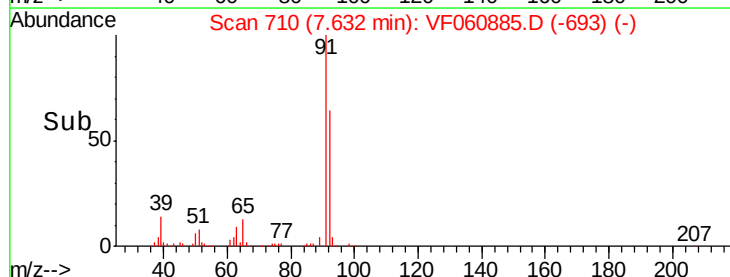
100000

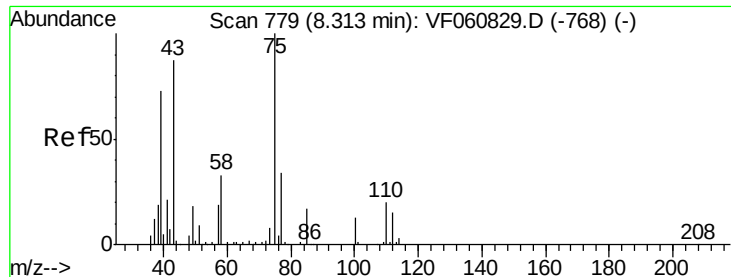
50000

0

7.50 7.60 7.70 7.80

Time-->





#53

t-1,3-Dichloropropene

Concen: 44.648 ug/l

RT: 8.28 min Scan# 776

Delta R.T. -0.03 min

Lab File: VF060885.D

Acq: 30 Nov 2018 00:28

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 139437

Ion Ratio Lower Upper

75 100

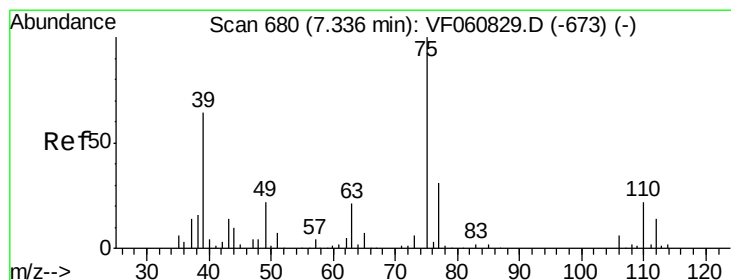
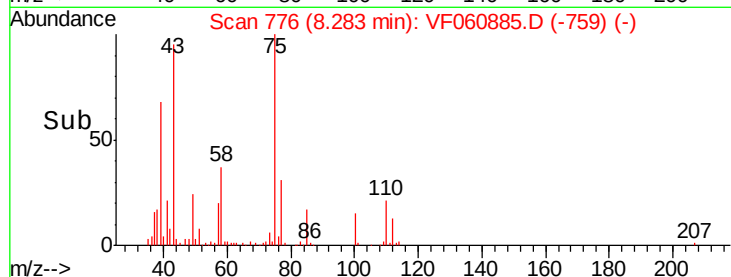
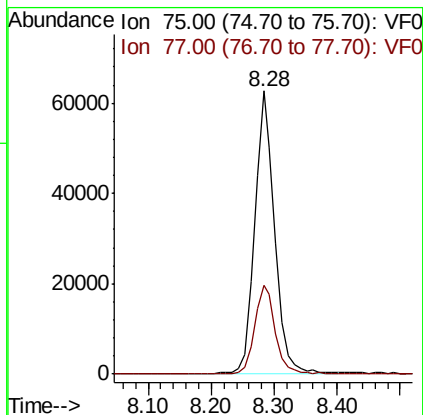
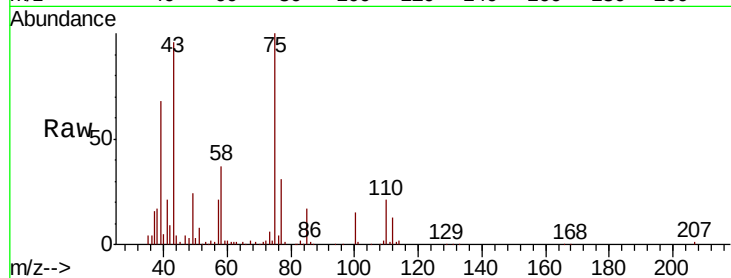
77 31.3 27.4 41.2

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#54

cis-1,3-Dichloropropene

Concen: 45.643 ug/l

RT: 7.31 min Scan# 677

Delta R.T. -0.03 min

Lab File: VF060885.D

Acq: 30 Nov 2018 00:28

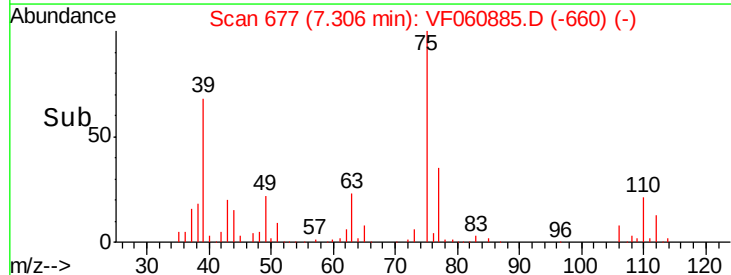
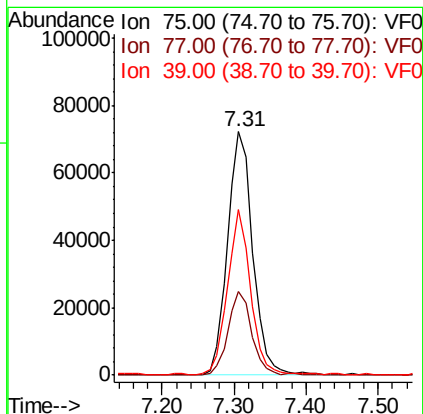
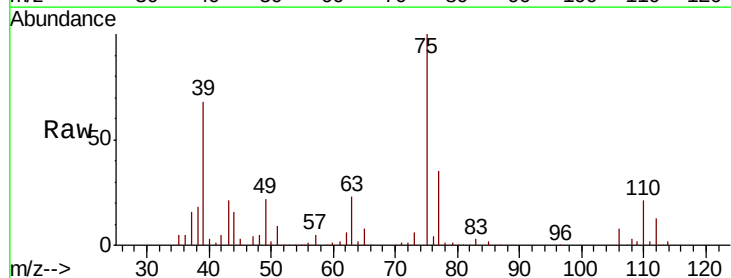
Tgt Ion: 75 Resp: 176470

Ion Ratio Lower Upper

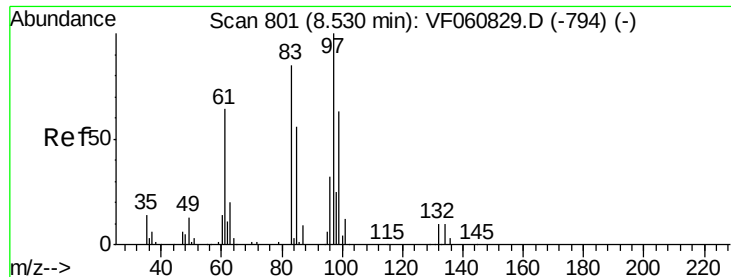
75 100

77 34.6 25.0 37.6

39 68.1 51.1 76.7







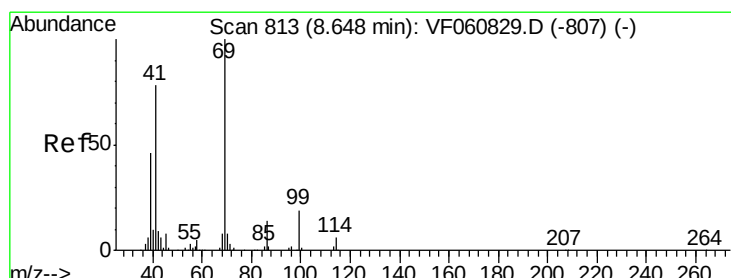
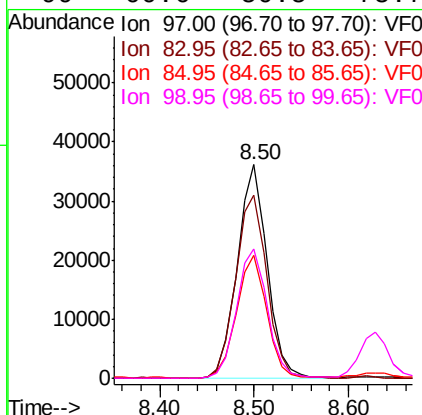
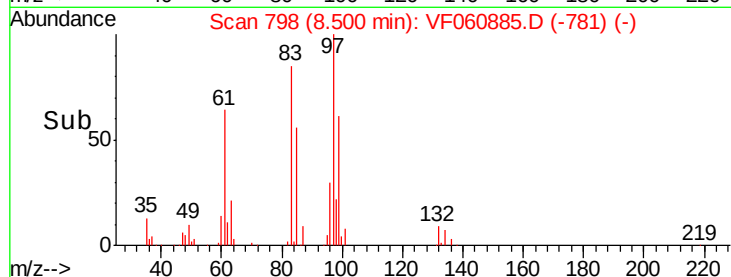
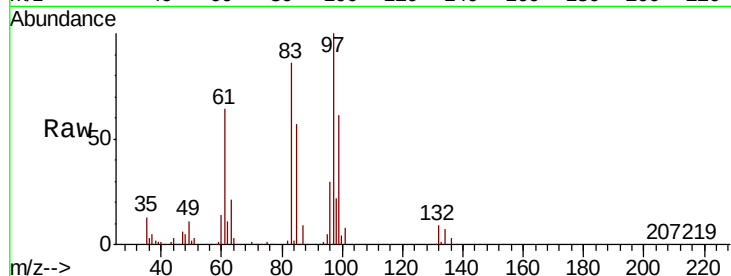
#55  
1,1,2-Trichloroethane  
Concen: 47.172 ug/l  
RT: 8.50 min Scan# 798  
Delta R.T. -0.03 min  
Lab File: VF060885.D  
Acq: 30 Nov 2018 00:28

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 79220 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 85.7  | 67.8  | 101.6 |
| 85       | 57.5  | 45.0  | 67.6  |
| 99       | 60.6  | 50.5  | 75.7  |

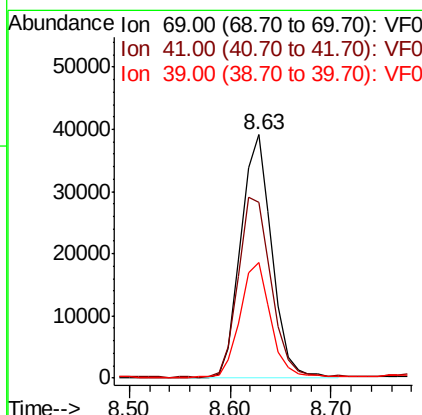
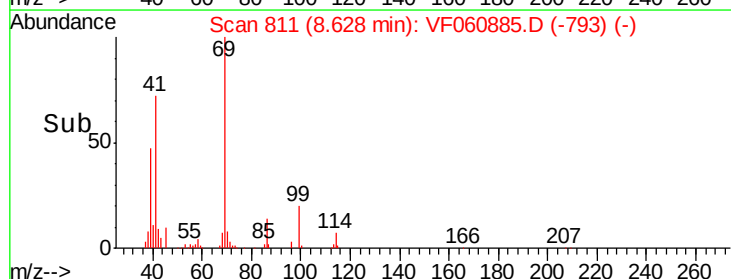
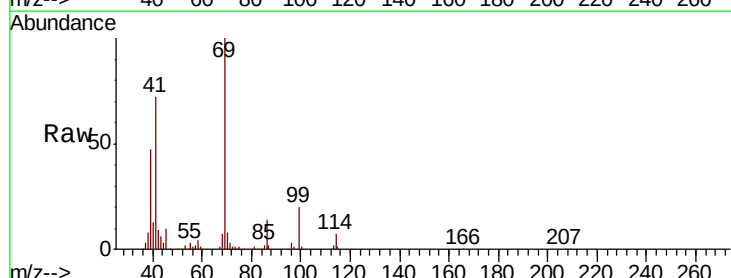
Manual Integrations  
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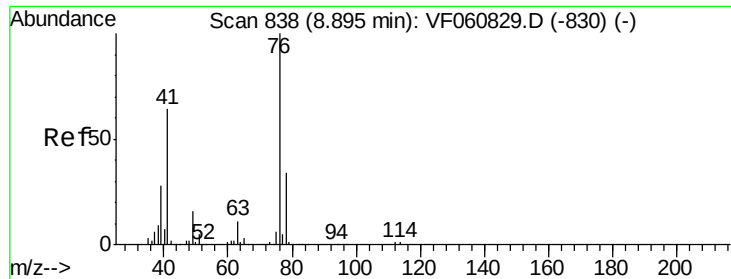
apatel  
12/3/2018 2:16:28 PM



#56  
Ethyl methacrylate  
Concen: 45.211 ug/l  
RT: 8.63 min Scan# 811  
Delta R.T. -0.02 min  
Lab File: VF060885.D  
Acq: 30 Nov 2018 00:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 84345 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 72.4  | 62.6  | 94.0  |
| 39       | 47.5  | 37.8  | 56.6  |





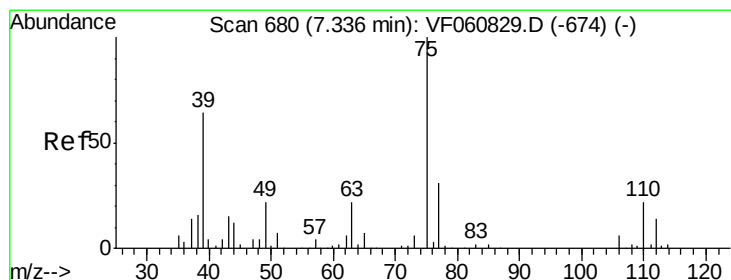
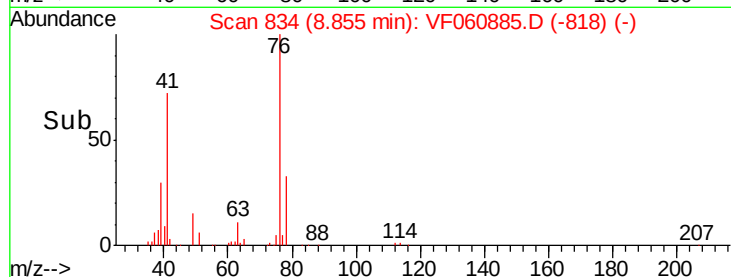
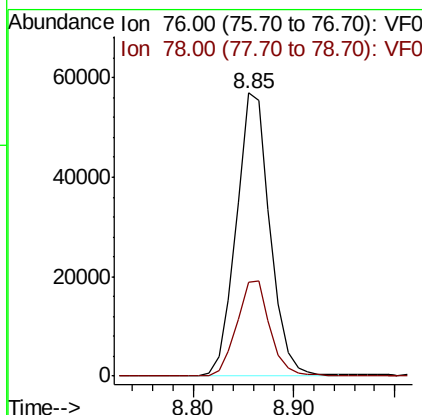
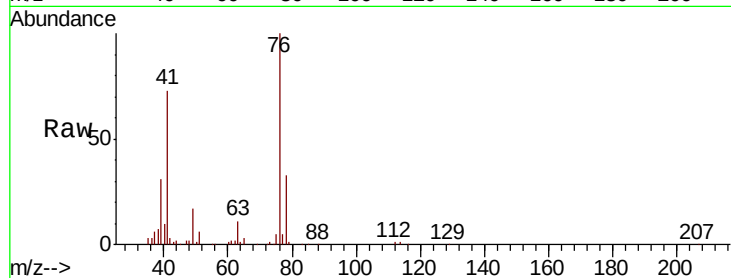
#57  
 1,3-Dichloropropane  
 Concen: 45.041 ug/l  
 RT: 8.85 min Scan# 834  
 Delta R.T. -0.04 min  
 Lab File: VF060885.D  
 Acq: 30 Nov 2018 00:28

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 33.0  | 27.0  | 40.4  |

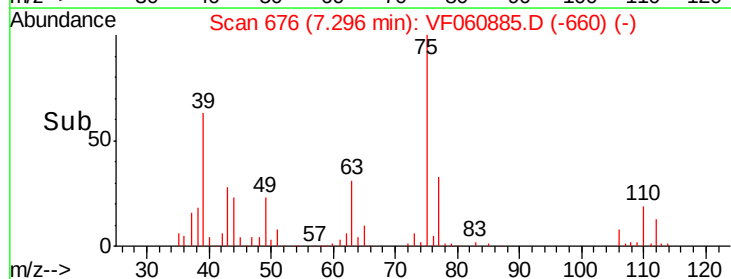
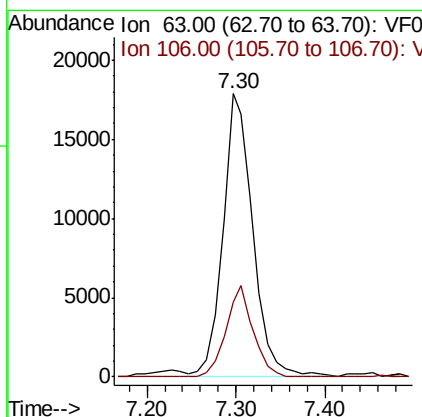
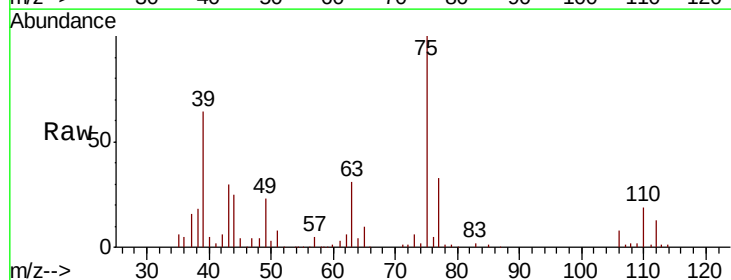
Manual Integrations  
 APPROVED

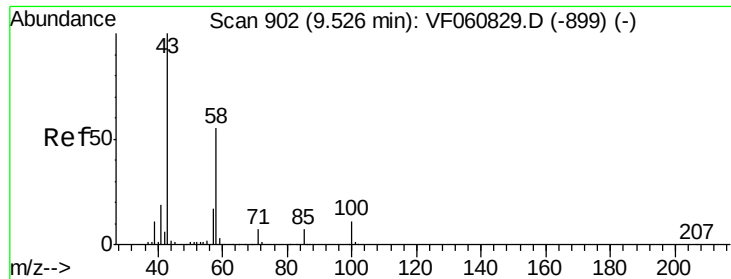
apatel  
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#58  
 2-Chloroethyl Vinyl ether  
 Concen: 220.825 ug/l  
 RT: 7.30 min Scan# 676  
 Delta R.T. -0.04 min  
 Lab File: VF060885.D  
 Acq: 30 Nov 2018 00:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 26.2  | 23.0  | 34.6  |





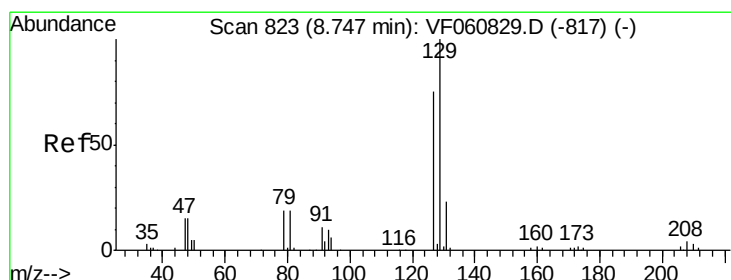
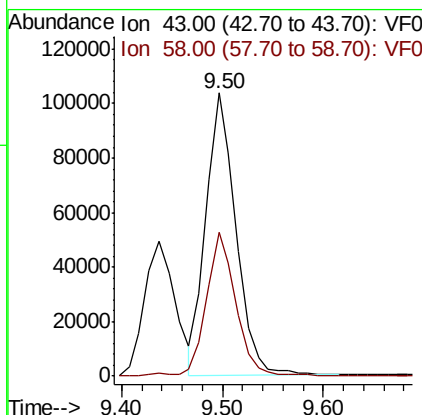
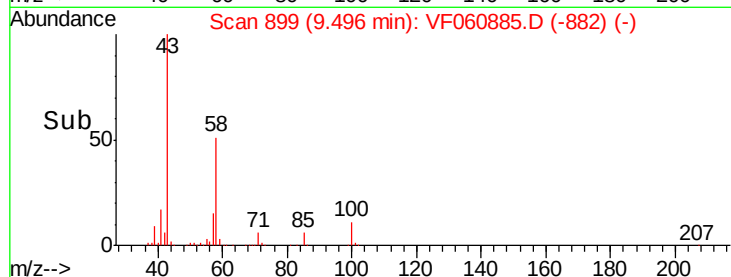
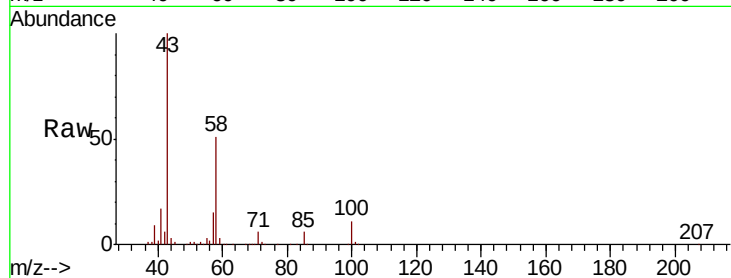
#59  
2-Hexanone  
Concen: 218.732 ug/l  
RT: 9.50 min Scan# 899  
Delta R.T. -0.03 min  
Lab File: VF060885.D  
Acq: 30 Nov 2018 00:28

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 43 Resp: 213578  
Ion Ratio Lower Upper  
43 100  
58 51.0 25.6 76.6

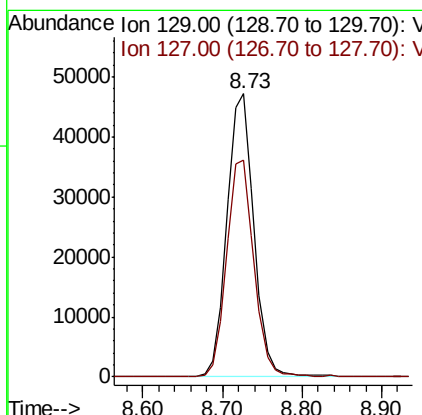
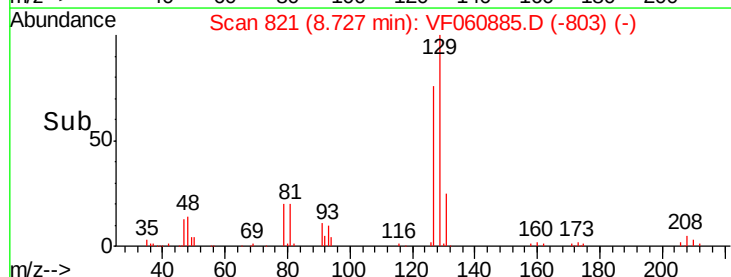
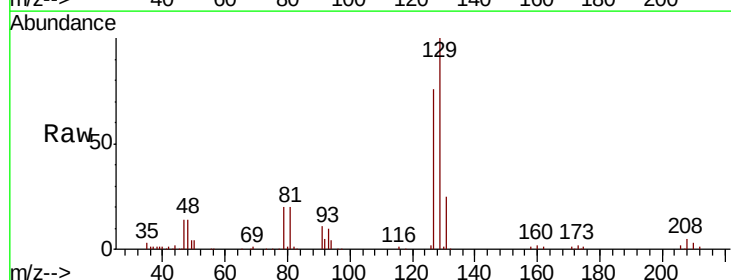
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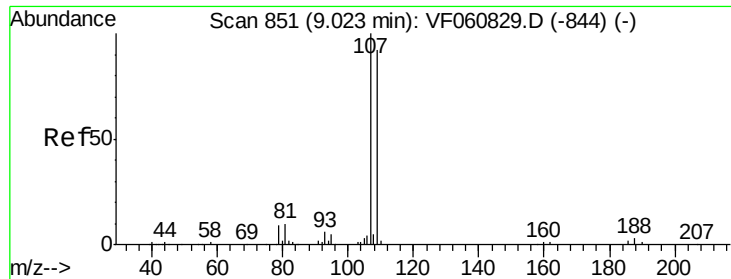
apatel  
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#60  
Dibromochloromethane  
Concen: 44.842 ug/l  
RT: 8.73 min Scan# 821  
Delta R.T. -0.02 min  
Lab File: VF060885.D  
Acq: 30 Nov 2018 00:28

Tgt Ion: 129 Resp: 112204  
Ion Ratio Lower Upper  
129 100  
127 76.4 37.3 111.9





#61

1,2-Dibromoethane

Concen: 44.005 ug/l

RT: 8.99 min Scan# 848

Delta R.T. -0.03 min

Lab File: VF060885.D

Acq: 30 Nov 2018 00:28

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 79834

Ion Ratio Lower Upper

107 100

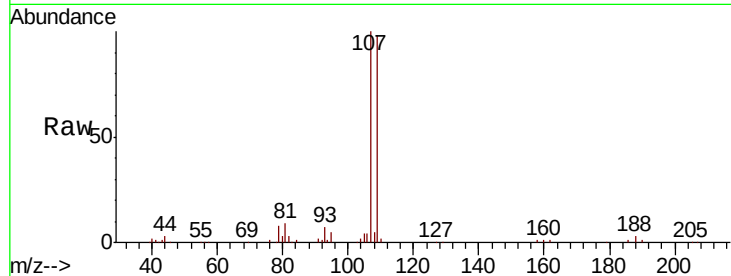
109 97.6 73.6 110.4

Manual Integrations

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Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

8.99

40000

30000

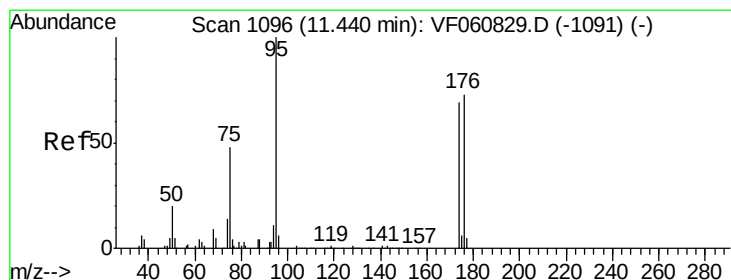
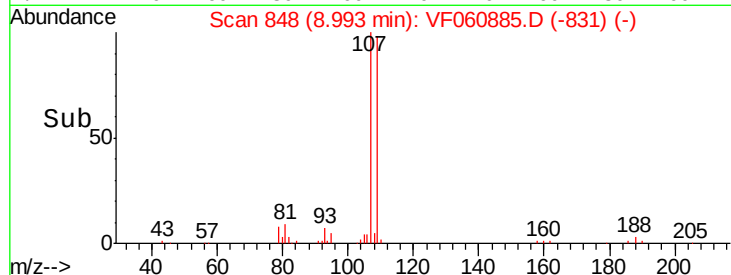
20000

10000

0

Time-->

8.90 9.00 9.10



#62

4-Bromofluorobenzene

Concen: 47.142 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. -0.02 min

Lab File: VF060885.D

Acq: 30 Nov 2018 00:28

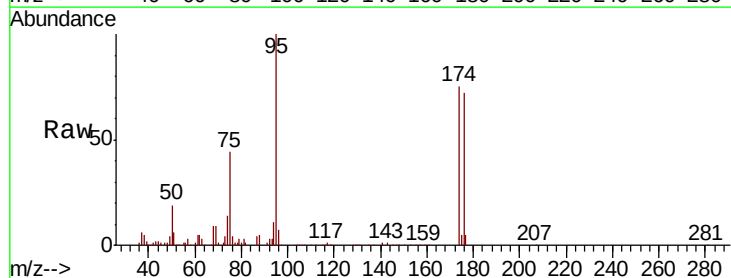
Tgt Ion: 95 Resp: 167655

Ion Ratio Lower Upper

95 100

174 74.9 0.0 138.2

176 71.8 0.0 146.2



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

11.42

120000

100000

80000

60000

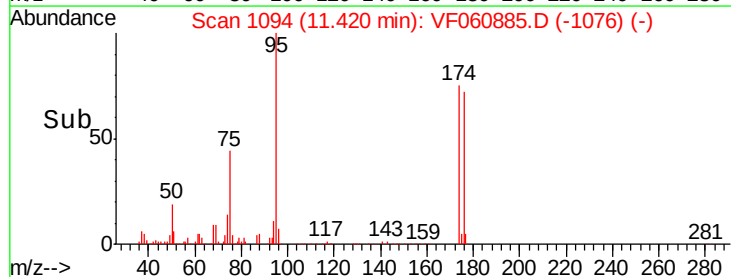
40000

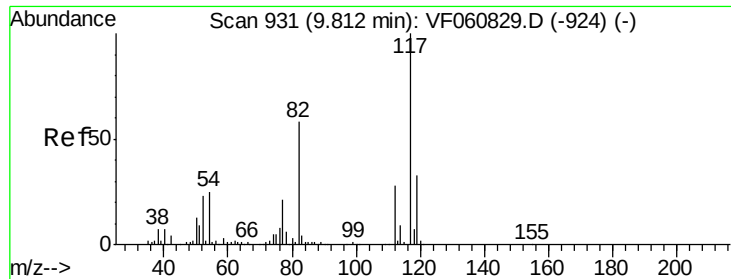
20000

0

Time-->

11.30 11.40 11.50





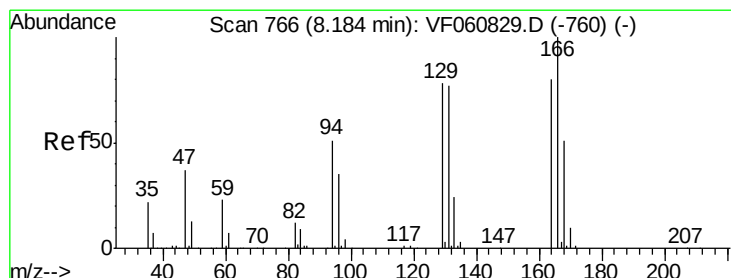
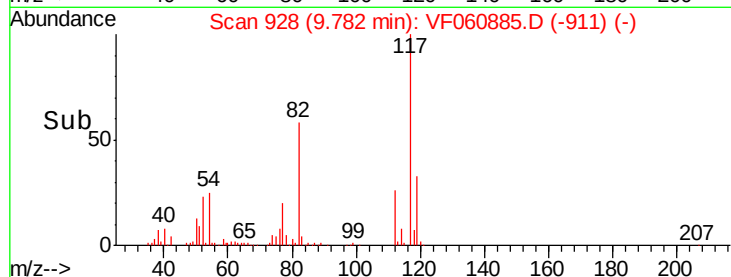
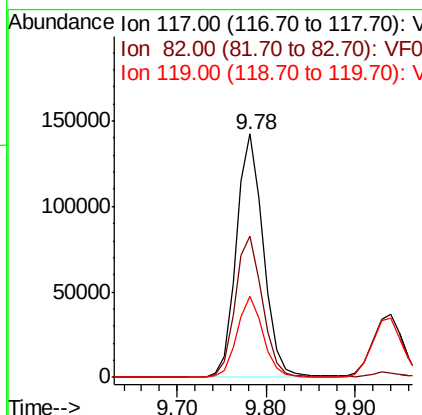
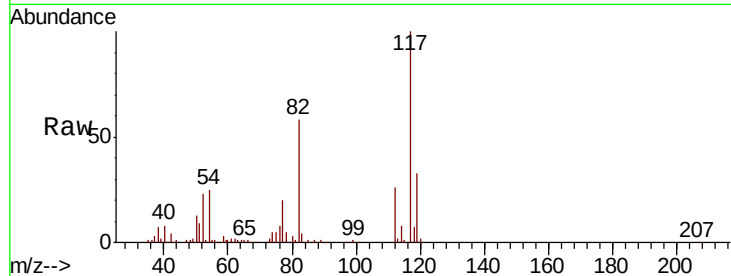
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.78 min Scan# 928  
Delta R.T. -0.03 min  
Lab File: VF060885.D  
Acq: 30 Nov 2018 00:28

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 301095 |       |       |
| 82      | 58.2  |        | 46.6  | 69.8  |
| 119     | 33.1  |        | 26.4  | 39.6  |

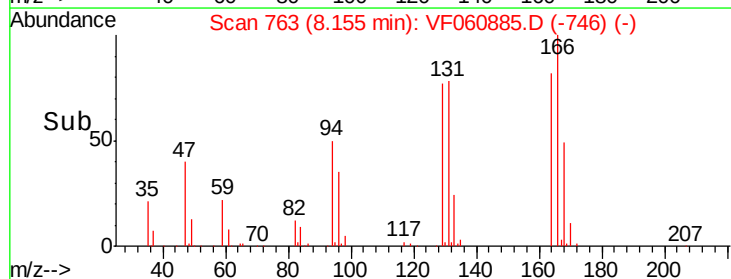
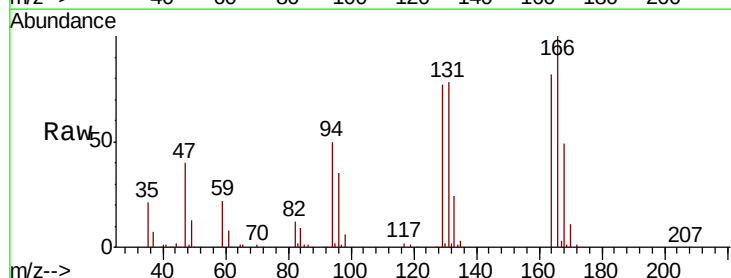
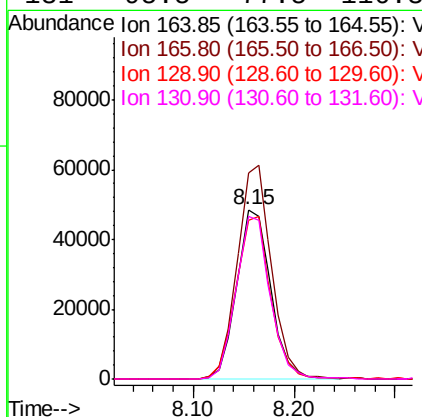
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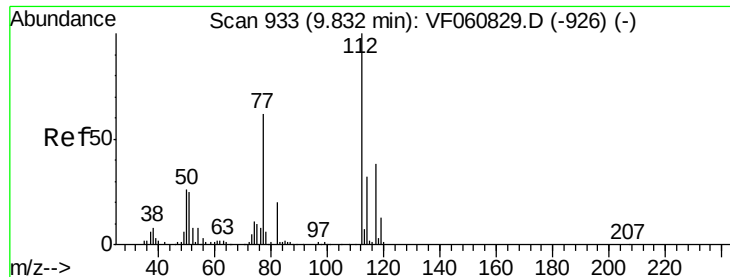
apatel  
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#64  
Tetrachloroethene  
Concen: 49.518 ug/l  
RT: 8.15 min Scan# 763  
Delta R.T. -0.03 min  
Lab File: VF060885.D  
Acq: 30 Nov 2018 00:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 113880 |       |       |
| 166     | 121.9 |        | 100.3 | 150.5 |
| 129     | 93.8  |        | 77.9  | 116.9 |
| 131     | 95.5  |        | 77.5  | 116.3 |





#65

Chlorobenzene

Concen: 48.102 ug/l

RT: 9.80 min Scan# 930

Delta R.T. -0.03 min

Lab File: VF060885.D

Acq: 30 Nov 2018 00:28

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 281755

Ion Ratio Lower Upper

112 100

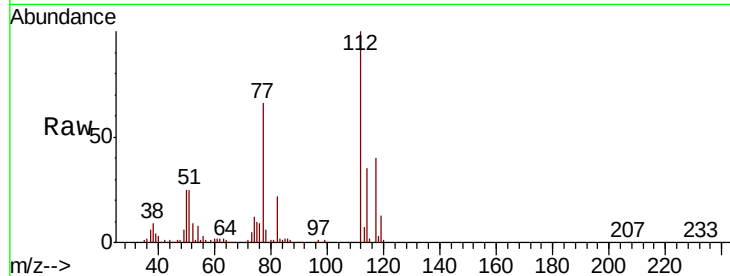
114 35.1 26.0 39.0

Manual Integrations

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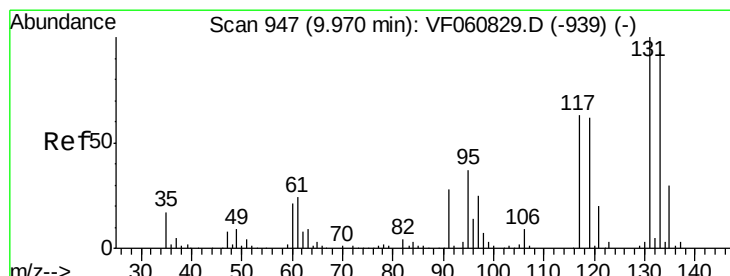
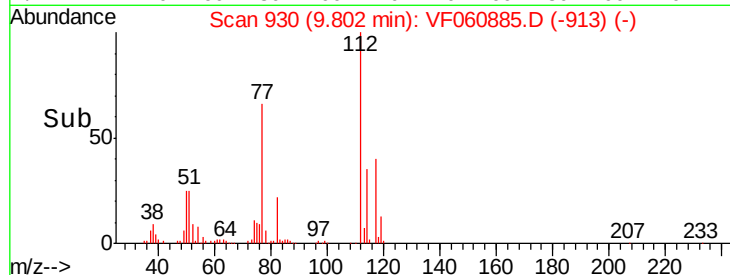
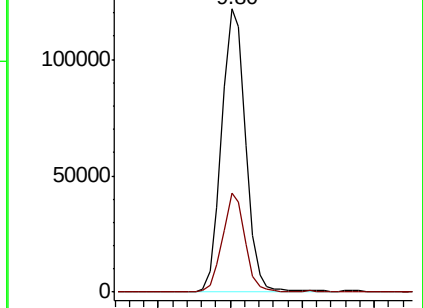
apatel

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Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.780 ug/l

RT: 9.94 min Scan# 944

Delta R.T. -0.03 min

Lab File: VF060885.D

Acq: 30 Nov 2018 00:28

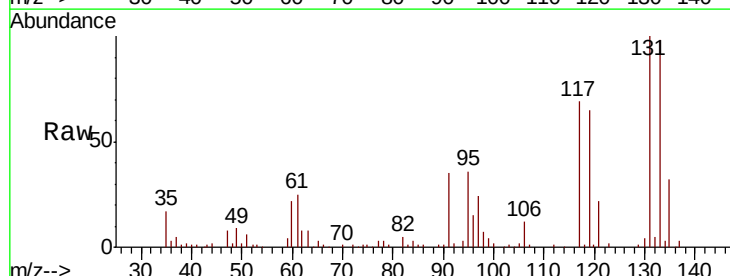
Tgt Ion:131 Resp: 125353

Ion Ratio Lower Upper

131 100

133 98.0 46.5 139.3

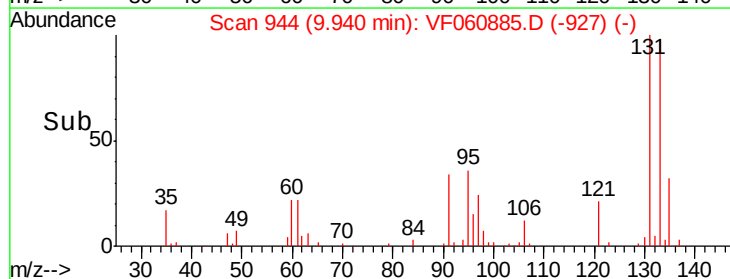
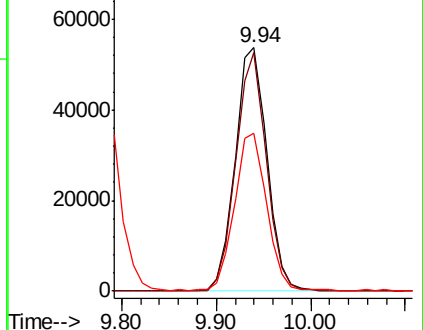
119 64.8 31.1 93.3

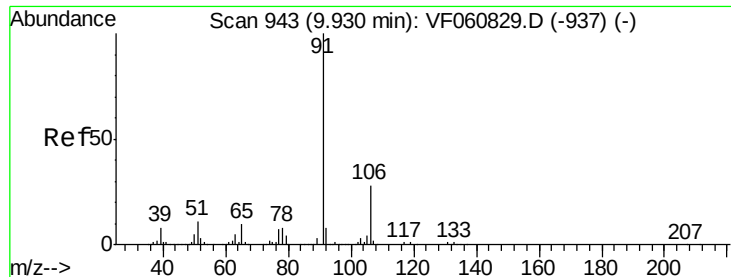


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#67

Ethyl Benzene

Concen: 49.241 ug/l

RT: 9.91 min Scan# 941

Delta R.T. -0.02 min

Lab File: VF060885.D

Acq: 30 Nov 2018 00:28

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 536963

Ion Ratio Lower Upper

91 100

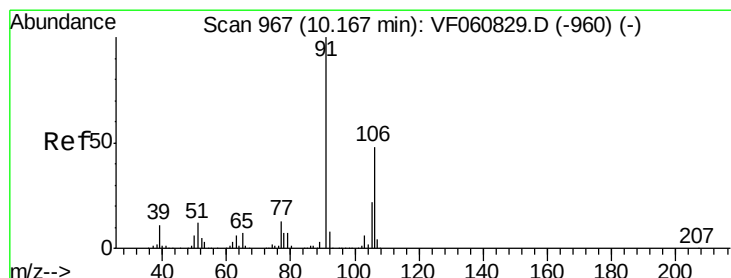
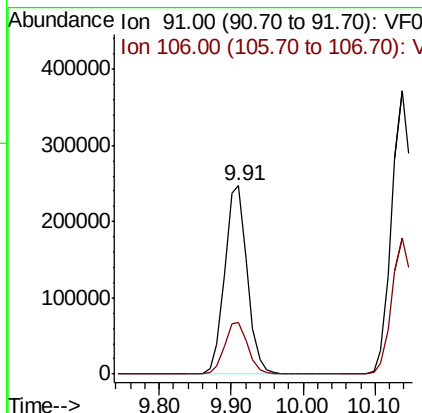
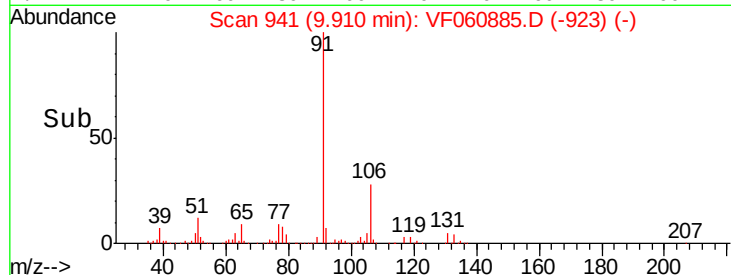
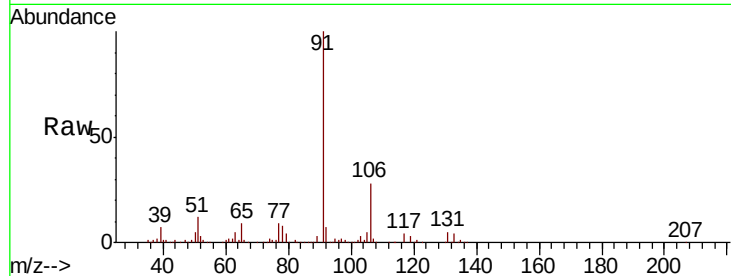
106 27.7 22.2 33.2

Manual Integrations

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#68

m/p-Xylenes

Concen: 95.679 ug/l

RT: 10.14 min Scan# 964

Delta R.T. -0.03 min

Lab File: VF060885.D

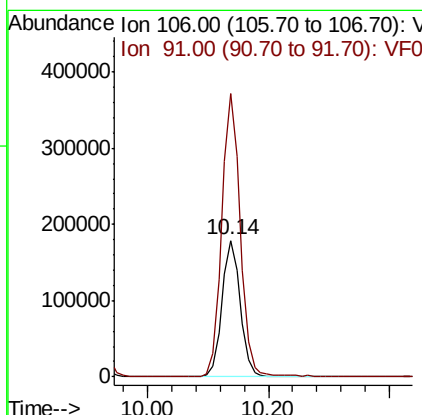
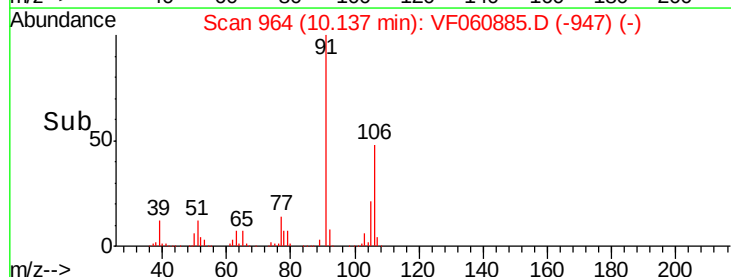
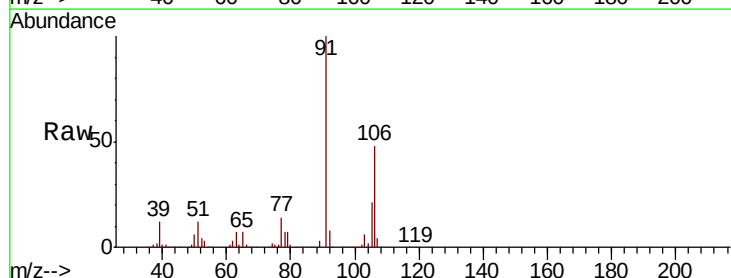
Acq: 30 Nov 2018 00:28

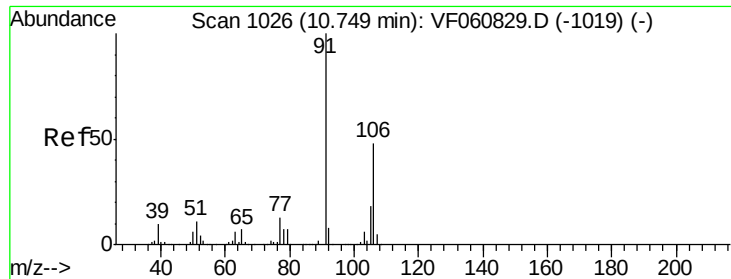
Tgt Ion: 106 Resp: 375254

Ion Ratio Lower Upper

106 100

91 207.3 166.7 250.1





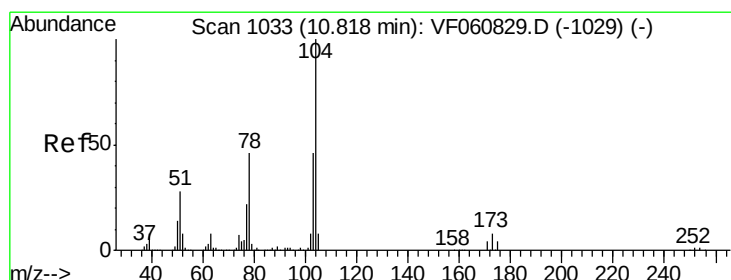
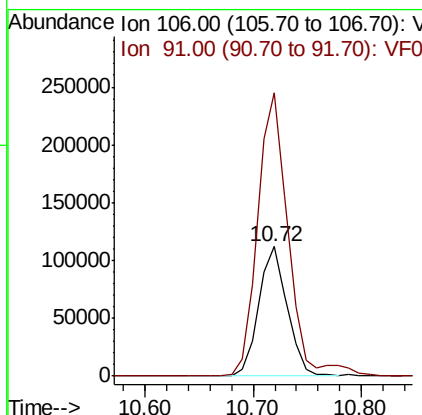
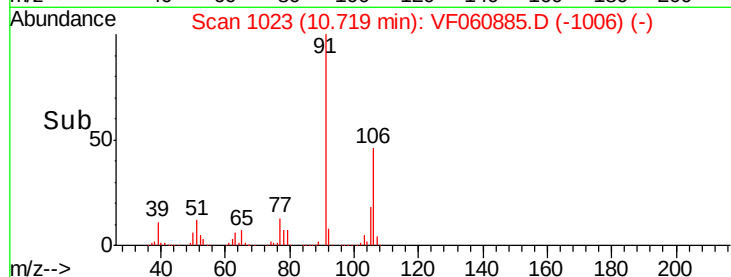
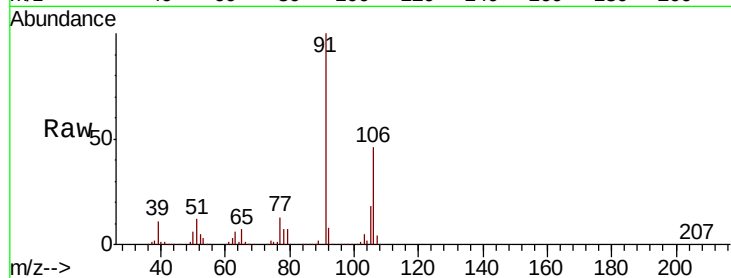
#69  
o-Xylene  
Concen: 47.341 ug/l  
RT: 10.72 min Scan# 1023  
Delta R.T. -0.03 min  
Lab File: VF060885.D  
Acq: 30 Nov 2018 00:28

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 106     | 100   |       |       |       |       |
| 91      | 218.8 | 104.8 | 314.6 |       |       |

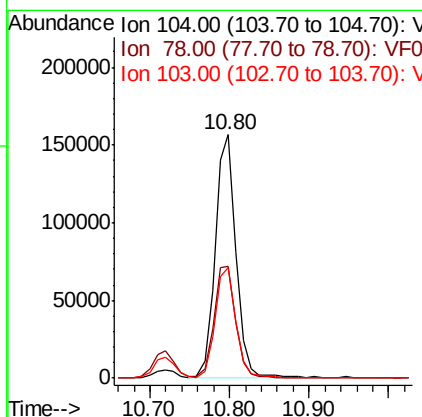
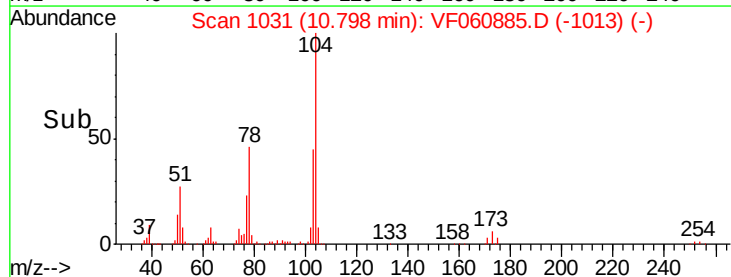
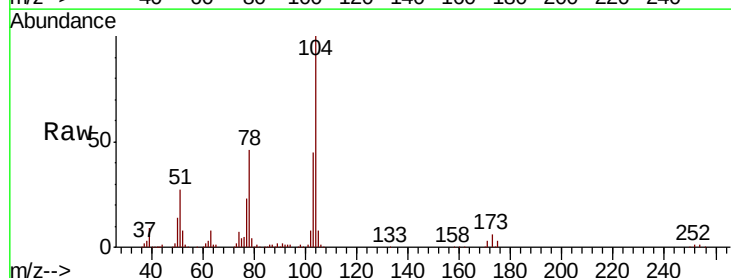
Manual Integrations  
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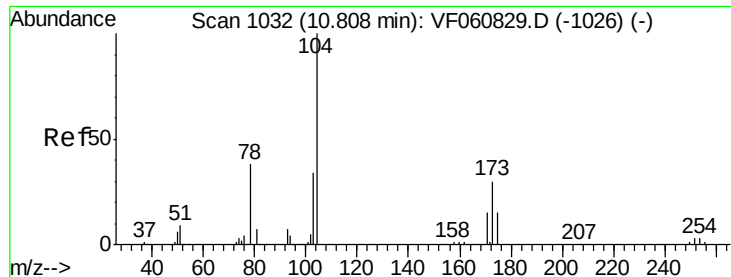


#70  
Styrene  
Concen: 47.786 ug/l  
RT: 10.80 min Scan# 1031  
Delta R.T. -0.02 min  
Lab File: VF060885.D  
Acq: 30 Nov 2018 00:28

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 104     | 100  |       |      |       |       |
| 78      | 45.8 | 37.3  | 55.9 |       |       |
| 103     | 45.1 | 36.8  | 55.2 |       |       |







#71

Bromoform

Concen: 47.654 ug/l

RT: 10.78 min Scan# 1029

Delta R.T. -0.03 min

Lab File: VF060885.D

Acq: 30 Nov 2018 00:28

Instrument :

MSVOA\_F

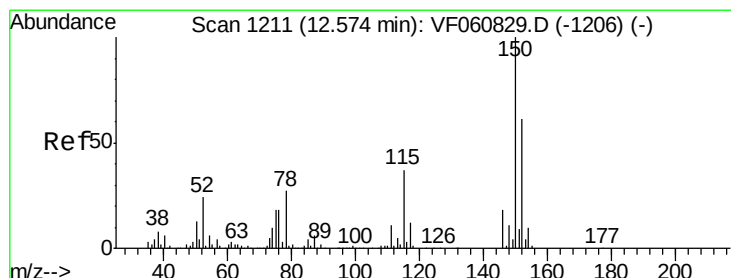
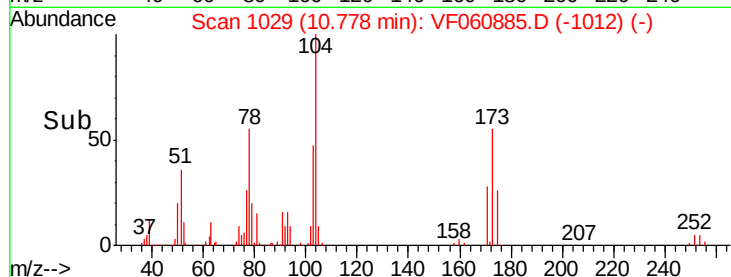
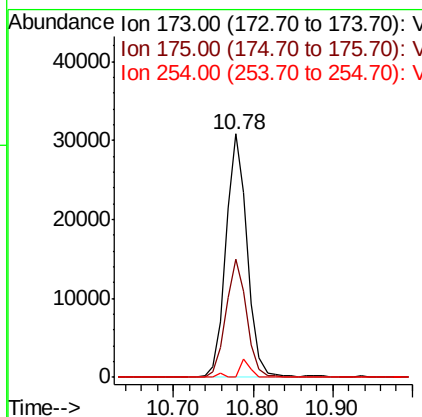
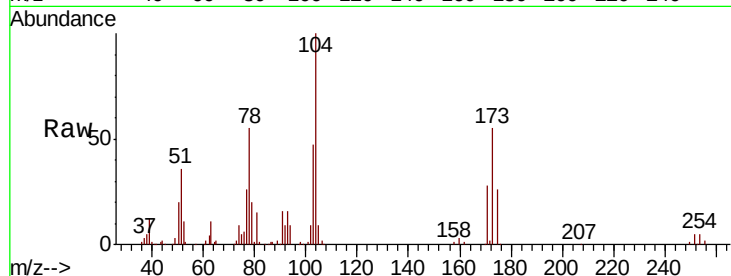
ClientSampleId :

VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 49.2  | 25.5  | 76.5  |
| 254     | 0.0   | 7.5   | 11.3  |

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

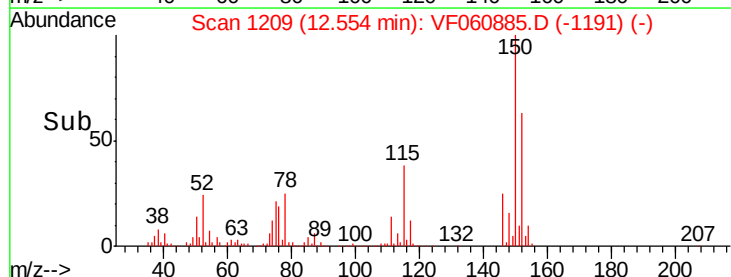
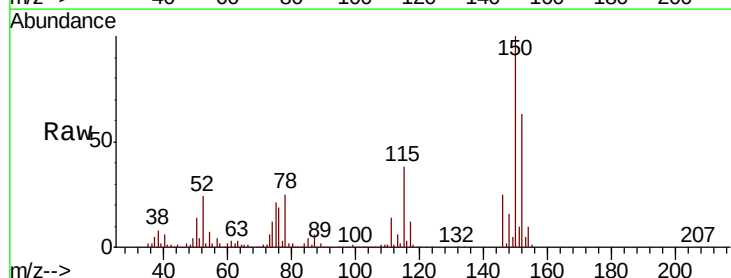
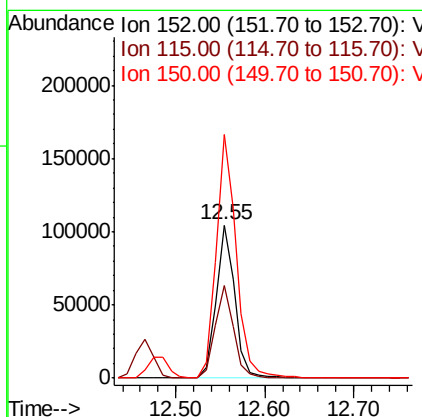
RT: 12.55 min Scan# 1209

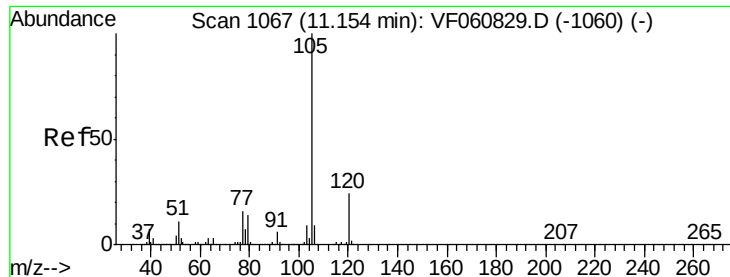
Delta R.T. -0.02 min

Lab File: VF060885.D

Acq: 30 Nov 2018 00:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 60.5  | 30.1  | 90.5  |
| 150     | 159.0 | 0.0   | 327.6 |





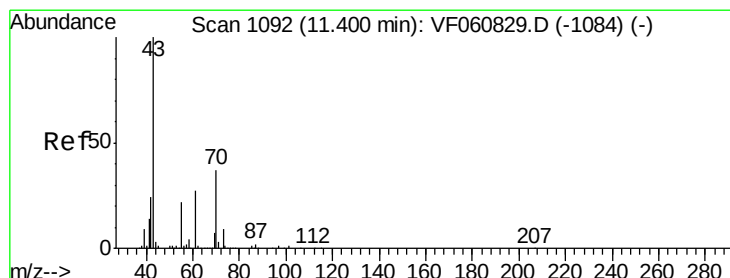
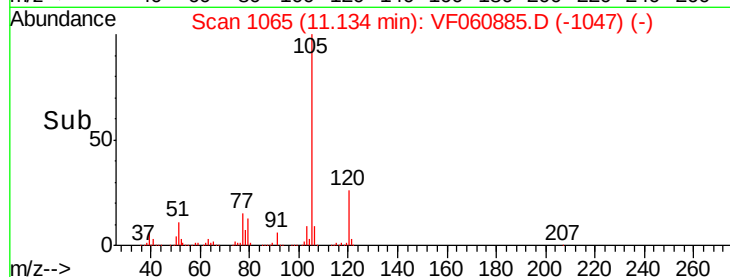
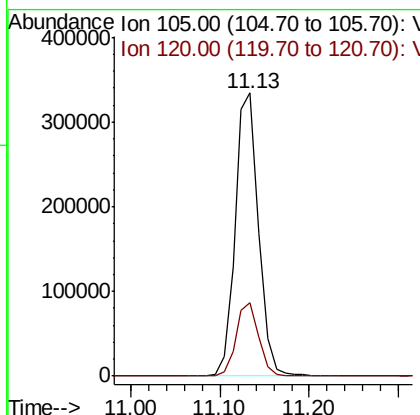
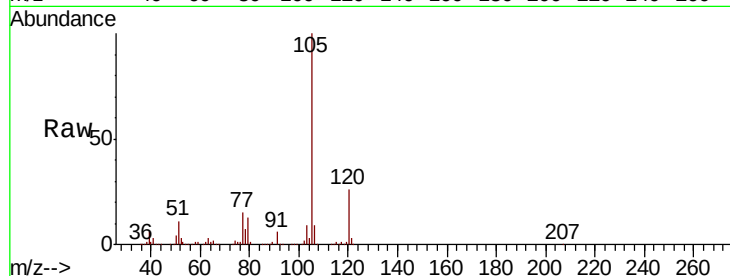
#73  
Isopropylbenzene  
Concen: 50.653 ug/l  
RT: 11.13 min Scan# 1065  
Delta R.T. -0.02 min  
Lab File: VF060885.D  
Acq: 30 Nov 2018 00:28

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 25.9  | 12.2  | 36.4  |

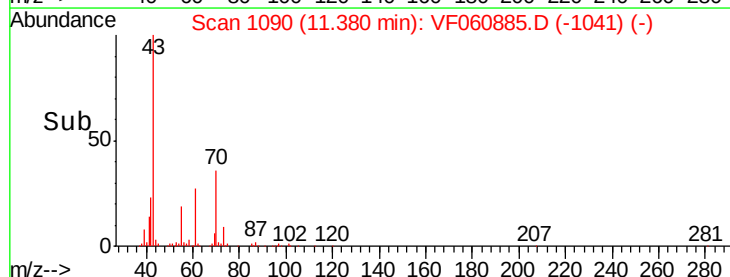
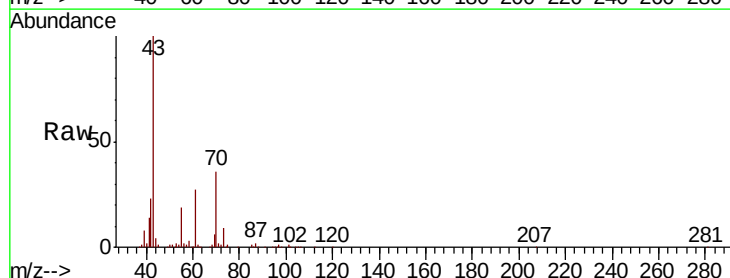
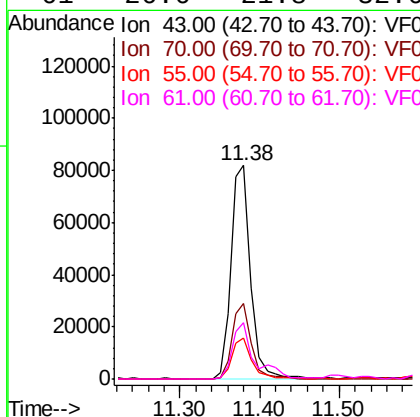
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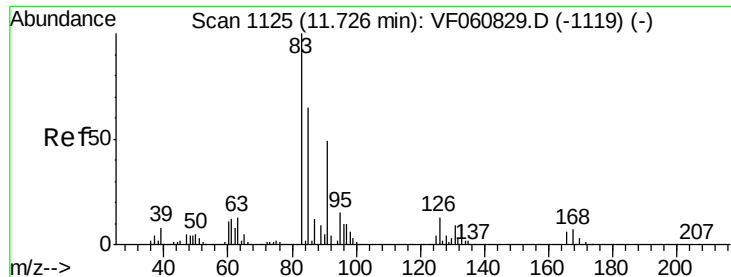
apatel  
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#74  
N-ethyl acetate  
Concen: 51.203 ug/l  
RT: 11.38 min Scan# 1090  
Delta R.T. -0.02 min  
Lab File: VF060885.D  
Acq: 30 Nov 2018 00:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 70      | 35.6  | 29.6  | 44.4  |
| 55      | 19.4  | 17.2  | 25.8  |
| 61      | 26.6  | 21.8  | 32.6  |





#75

1,1,2,2-Tetrachloroethane

Concen: 51.159 ug/l

RT: 11.70 min Scan# 1122

Delta R.T. -0.03 min

Lab File: VF060885.D

Acq: 30 Nov 2018 00:28

Instrument :

MSVOA\_F

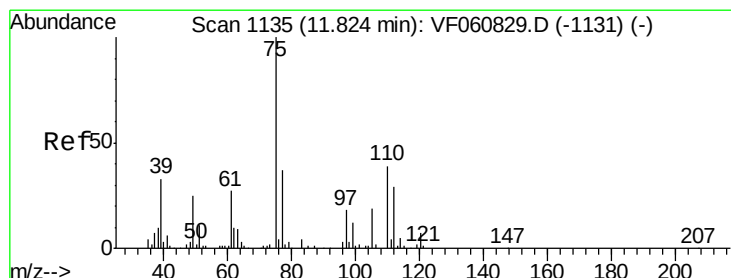
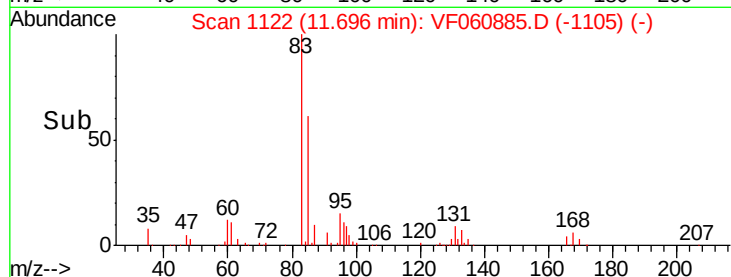
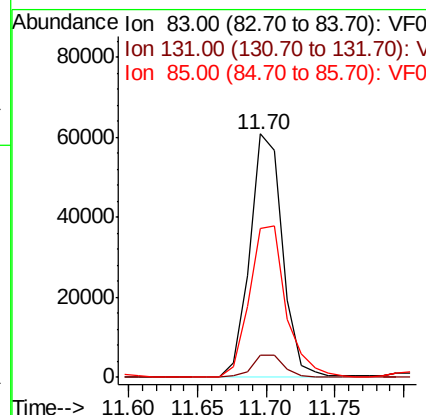
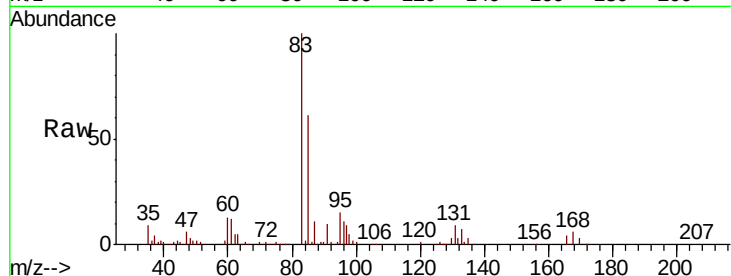
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 101415 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 8.9   | 4.7   | 14.1   |
| 85        | 61.1  | 32.6  | 97.8   |

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#76

1,2,3-Trichloropropane

Concen: 52.097 ug/l

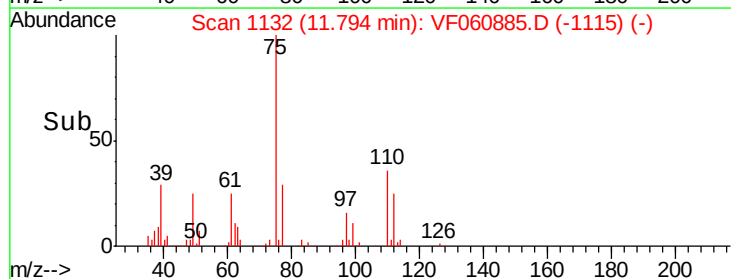
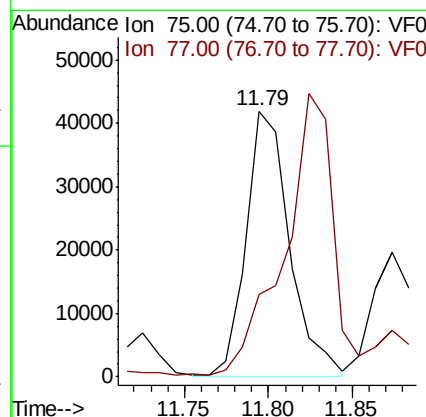
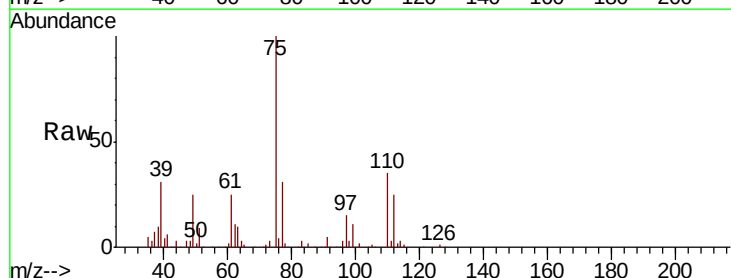
RT: 11.79 min Scan# 1132

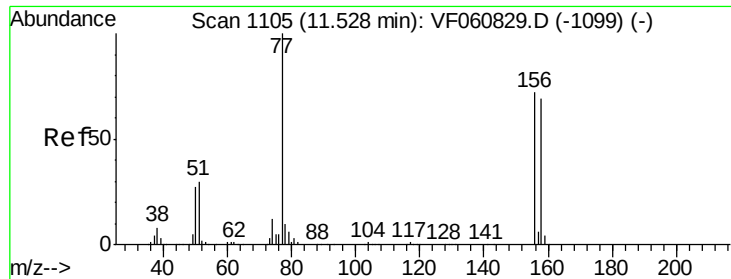
Delta R.T. -0.03 min

Lab File: VF060885.D

Acq: 30 Nov 2018 00:28

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 75067 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 31.1  | 18.4  | 55.4  |





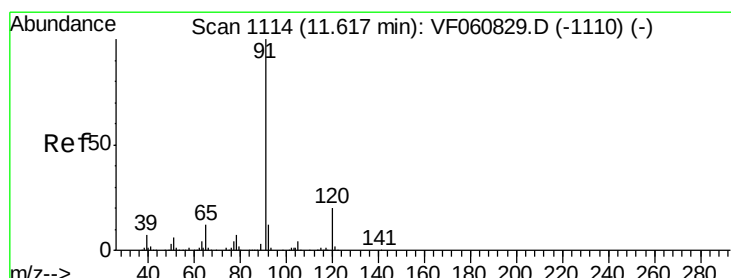
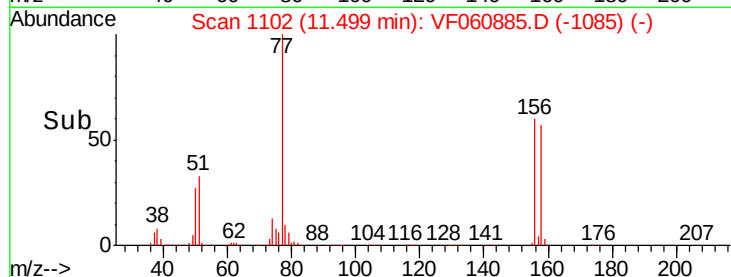
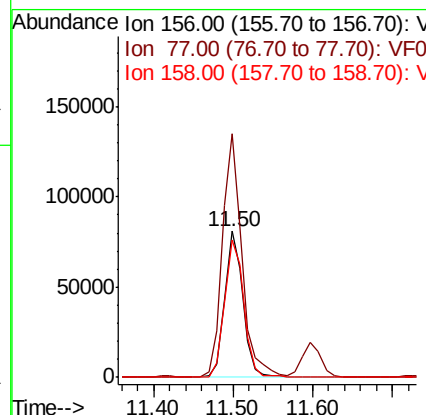
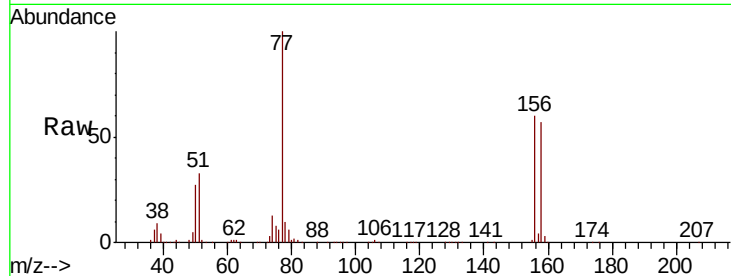
#77  
Bromobenzene  
Concen: 50.052 ug/l  
RT: 11.50 min Scan# 1102  
Delta R.T. -0.03 min  
Lab File: VF060885.D  
Acq: 30 Nov 2018 00:28

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 166.5 | 69.7  | 209.0 |
| 158     | 94.1  | 47.8  | 143.4 |

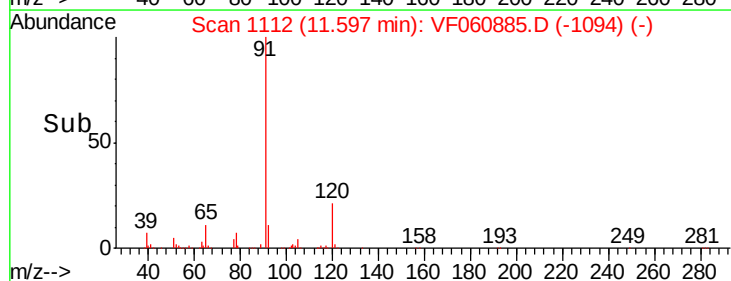
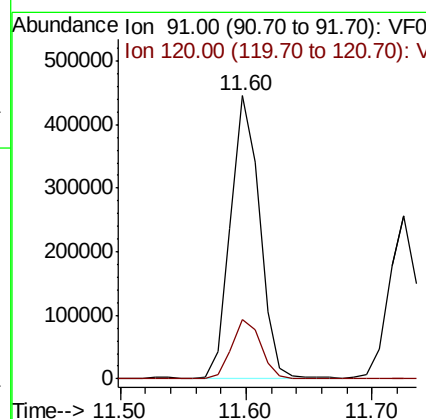
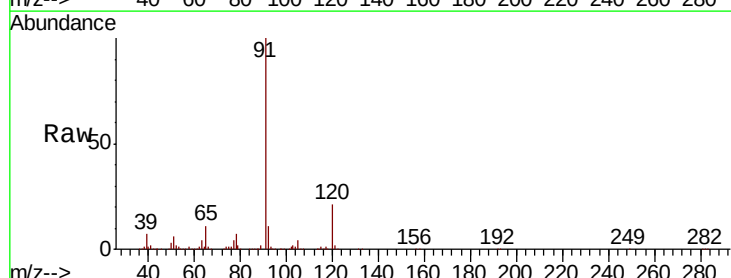
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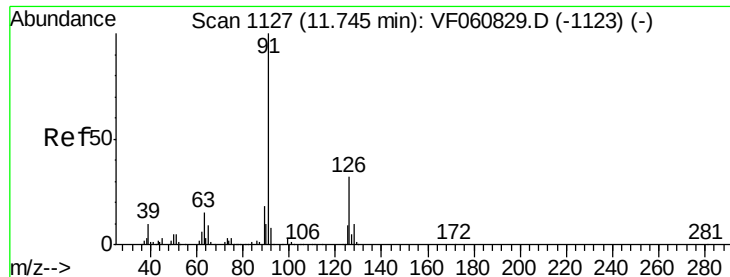
apatel  
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#78  
n-propylbenzene  
Concen: 50.446 ug/l  
RT: 11.60 min Scan# 1112  
Delta R.T. -0.02 min  
Lab File: VF060885.D  
Acq: 30 Nov 2018 00:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 20.9  | 10.3  | 30.8  |





#79

2-Chlorotoluene

Concen: 49.059 ug/l

RT: 11.73 min Scan# 1125

Delta R.T. -0.02 min

Lab File: VF060885.D

Acq: 30 Nov 2018 00:28

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 396792

Ion Ratio Lower Upper

91 100

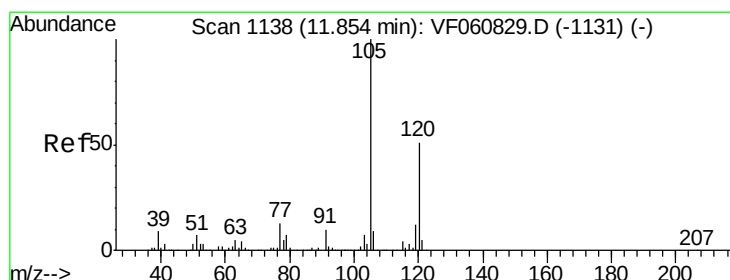
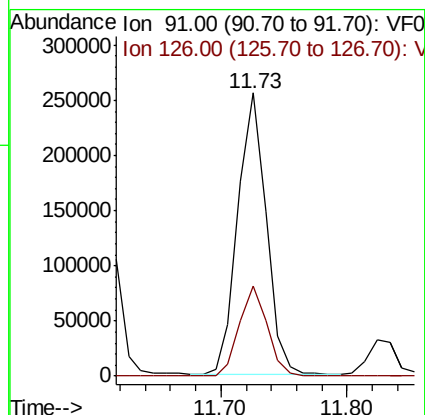
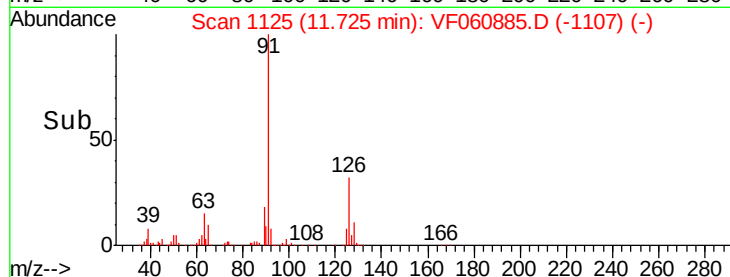
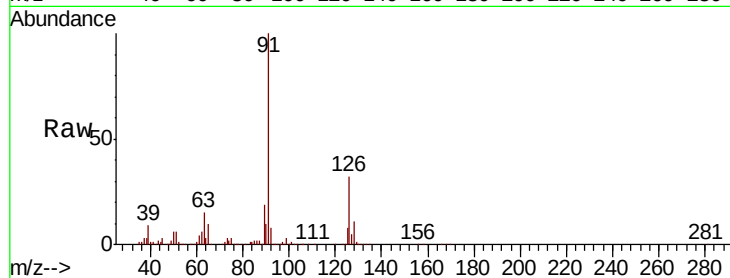
126 31.7 15.9 47.6

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 50.606 ug/l

RT: 11.82 min Scan# 1135

Delta R.T. -0.03 min

Lab File: VF060885.D

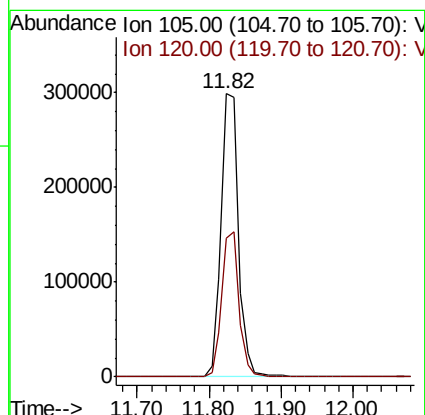
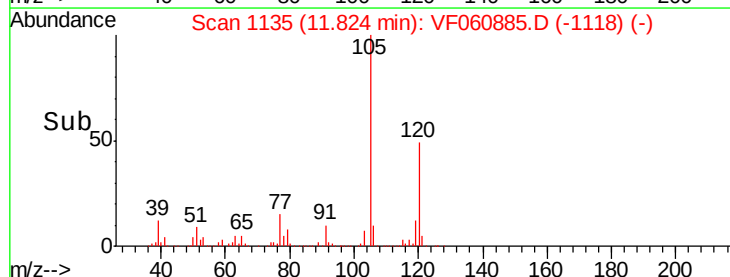
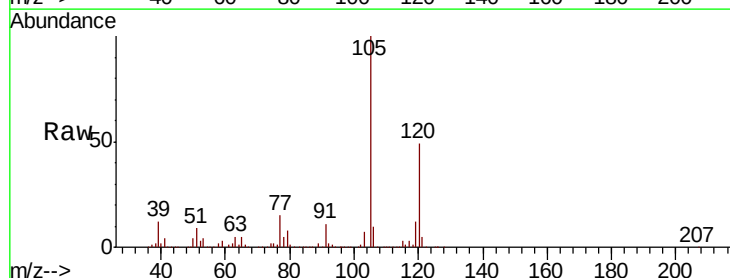
Acq: 30 Nov 2018 00:28

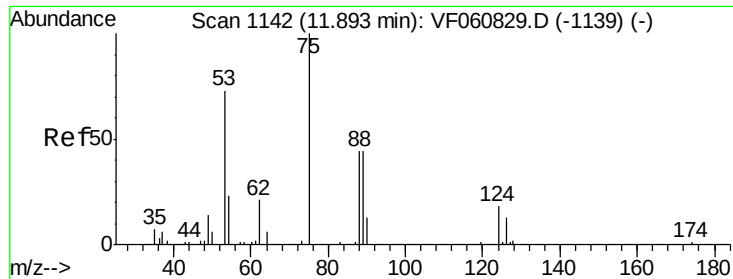
Tgt Ion: 105 Resp: 494839

Ion Ratio Lower Upper

105 100

120 49.2 25.8 77.3





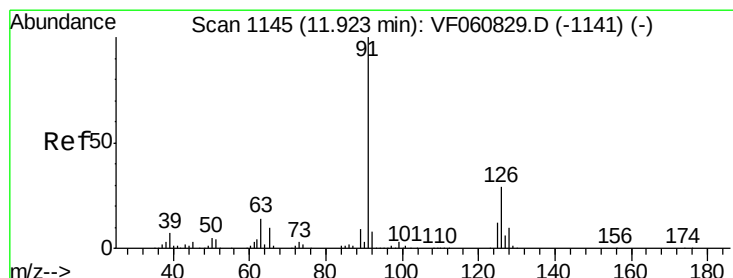
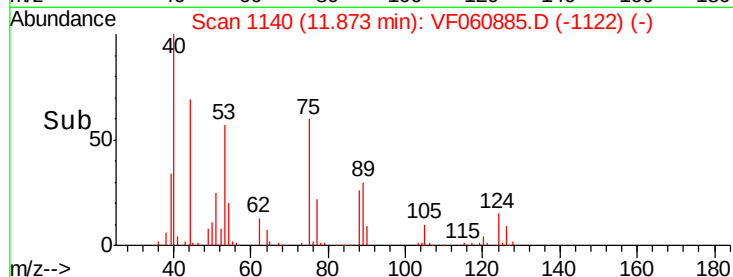
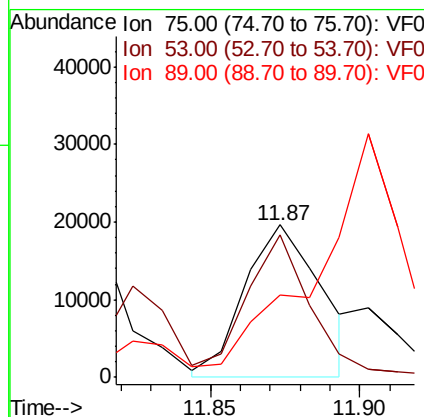
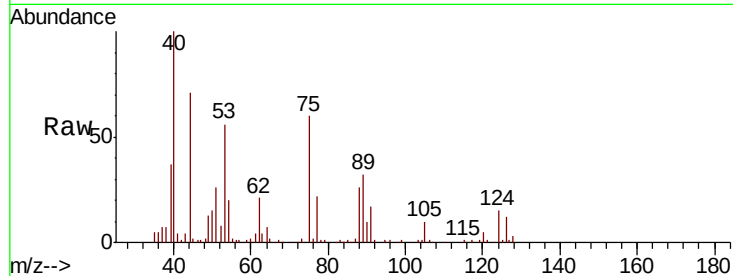
#81  
trans-1,4-Dichloro-2-butene  
Concen: 49.427 ug/l m  
RT: 11.87 min Scan# 1140  
Delta R.T. -0.02 min  
Lab File: VF060885.D  
Acq: 30 Nov 2018 00:28

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 93.8  | 65.9  | 98.9  |
| 89      | 53.6  | 38.8  | 58.2  |

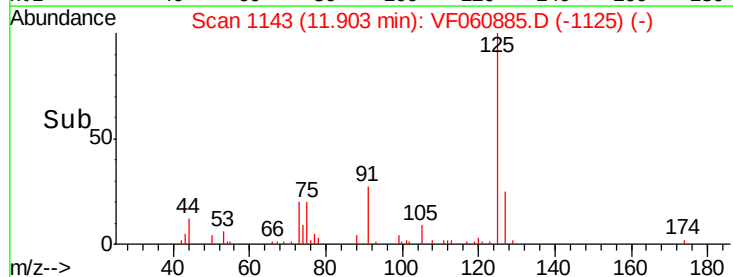
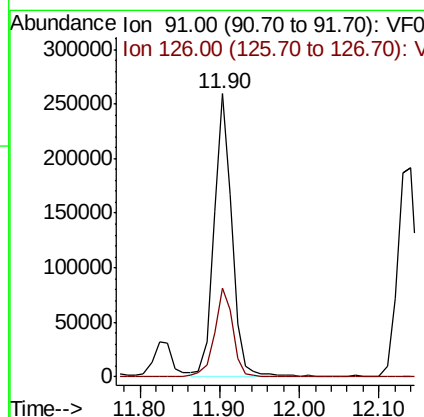
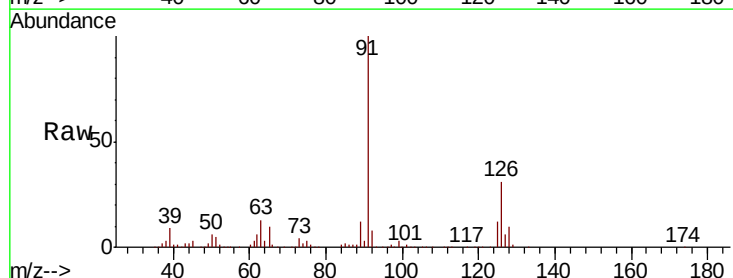
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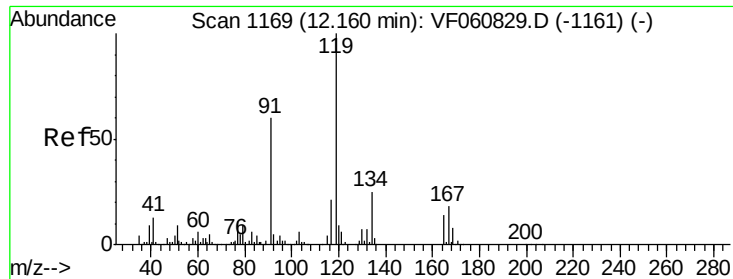
apatel  
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#82  
4-Chlorotoluene  
Concen: 47.472 ug/l  
RT: 11.90 min Scan# 1143  
Delta R.T. -0.02 min  
Lab File: VF060885.D  
Acq: 30 Nov 2018 00:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 31.4  | 14.8  | 44.4  |





#83

tert-Butylbenzene

Concen: 52.452 ug/l

RT: 12.14 min Scan# 1167

Delta R.T. -0.02 min

Lab File: VF060885.D

Acq: 30 Nov 2018 00:28

Instrument :

MSVOA\_F

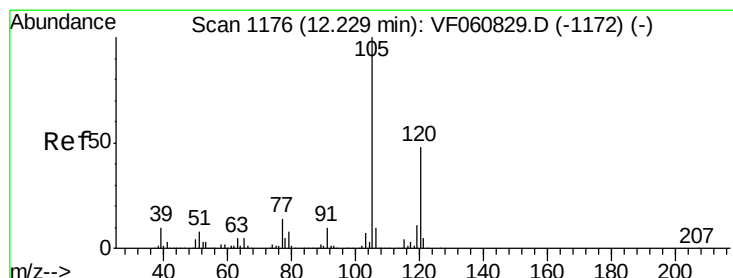
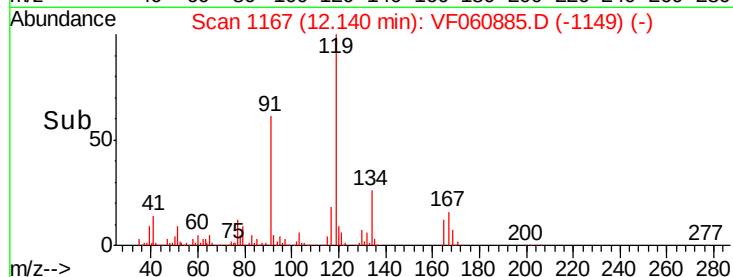
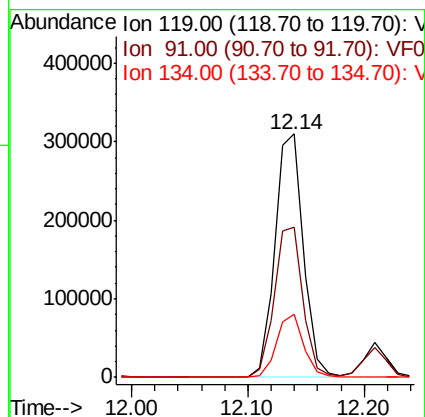
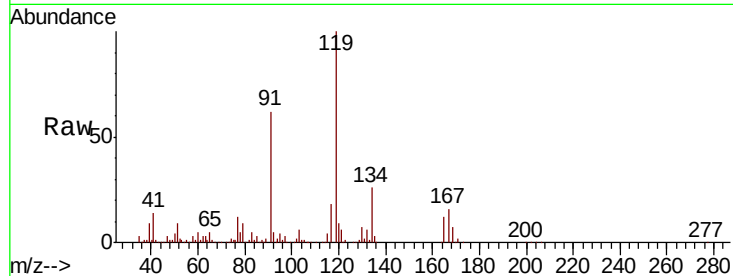
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 119   | Resp: | 522451 |
| Ion Ratio | Lower | Upper |        |
| 119       | 100   |       |        |
| 91        | 61.7  | 30.1  | 90.3   |
| 134       | 25.7  | 12.6  | 37.8   |

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#84

1,2,4-Trimethylbenzene

Concen: 50.010 ug/l

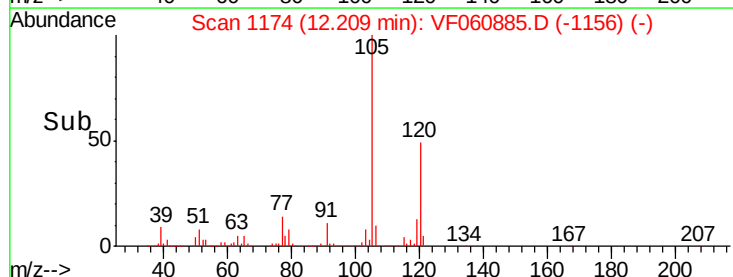
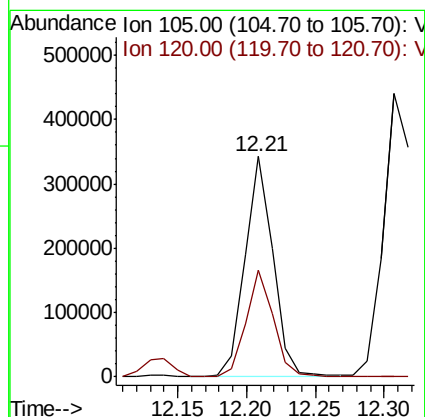
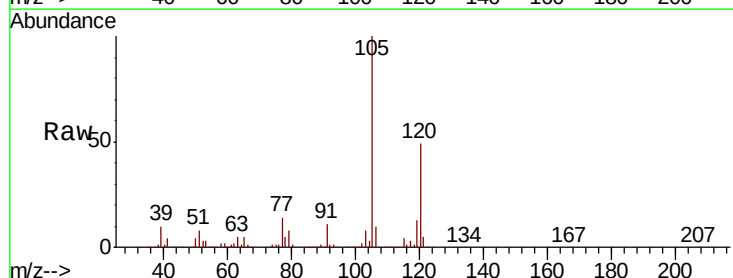
RT: 12.21 min Scan# 1174

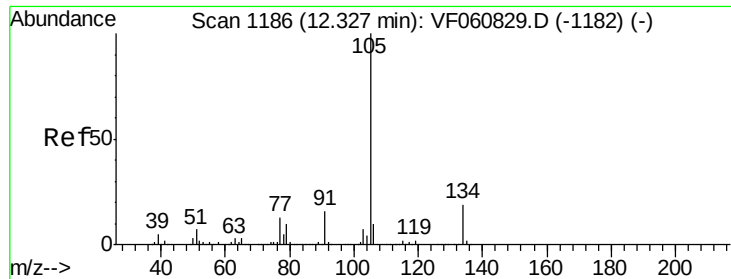
Delta R.T. -0.02 min

Lab File: VF060885.D

Acq: 30 Nov 2018 00:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 488048 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 120       | 48.8  | 23.8  | 71.5   |





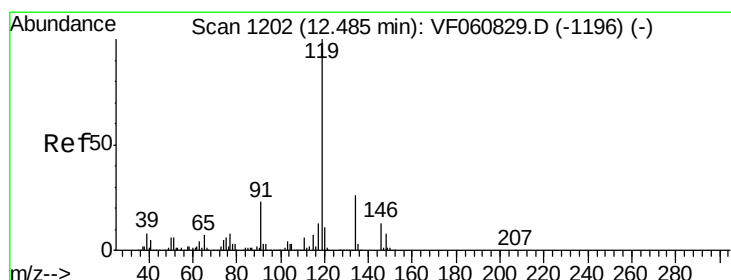
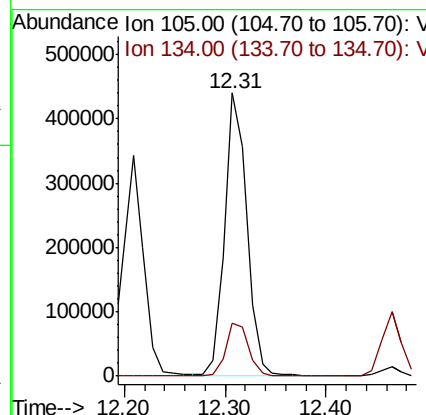
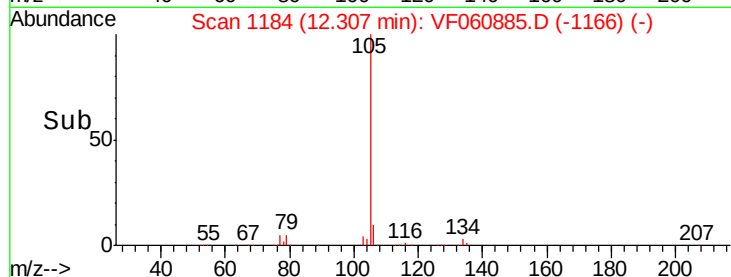
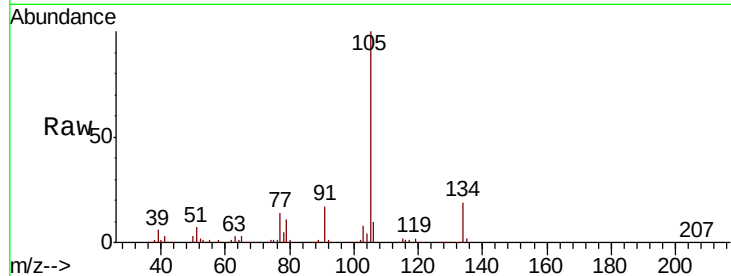
#85  
 sec-Butylbenzene  
 Concen: 49.657 ug/l  
 RT: 12.31 min Scan# 1184  
 Delta R.T. -0.02 min  
 Lab File: VF060885.D  
 Acq: 30 Nov 2018 00:28

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 134     | 18.7  | 9.5   | 28.5  |

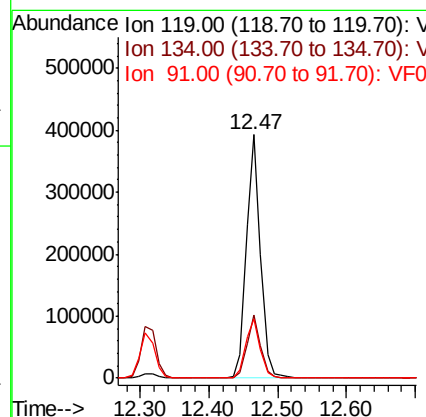
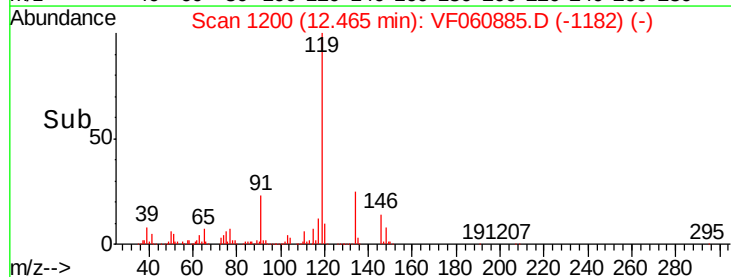
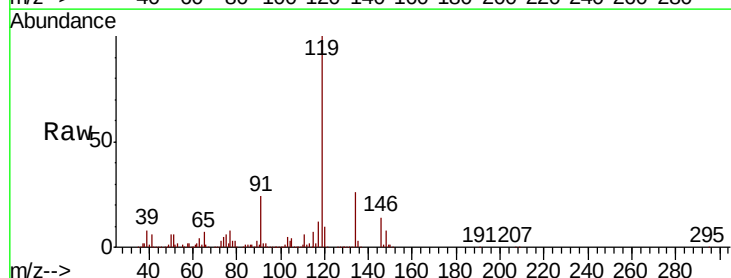
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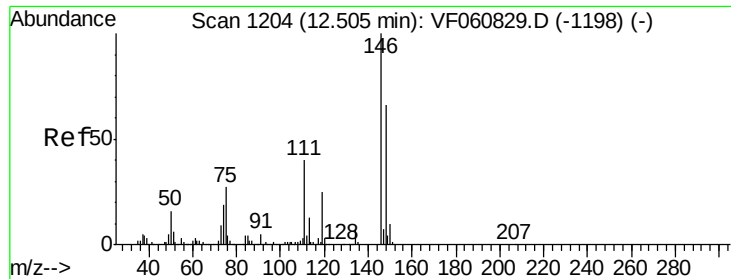


#86  
 p-Isopropyltoluene  
 Concen: 48.435 ug/l  
 RT: 12.47 min Scan# 1200  
 Delta R.T. -0.02 min  
 Lab File: VF060885.D  
 Acq: 30 Nov 2018 00:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 25.7  | 12.9  | 38.6  |
| 91      | 24.4  | 11.8  | 35.3  |







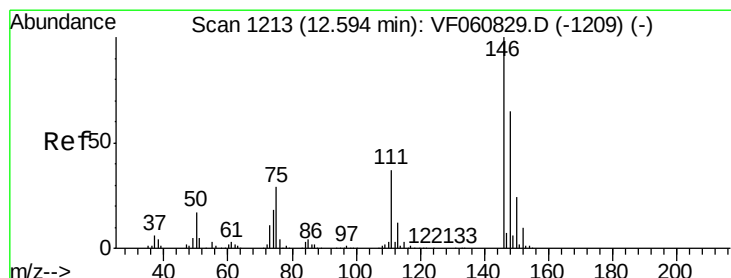
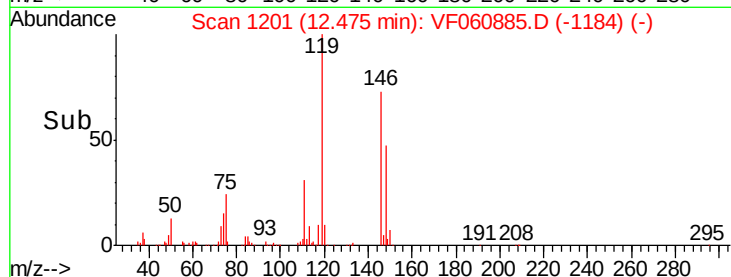
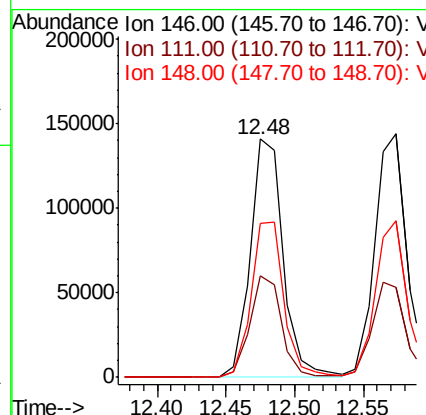
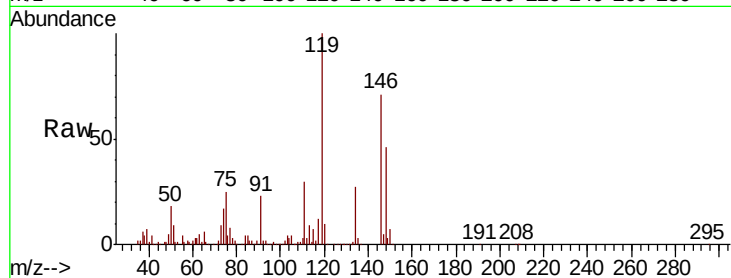
#87  
 1,3-Dichlorobenzene  
 Concen: 46.735 ug/l  
 RT: 12.48 min Scan# 1201  
 Delta R.T. -0.03 min  
 Lab File: VF060885.D  
 Acq: 30 Nov 2018 00:28

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.6  | 20.0  | 59.9  |
| 148     | 64.7  | 32.9  | 98.6  |

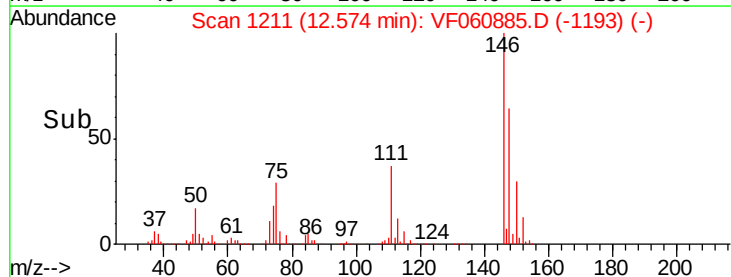
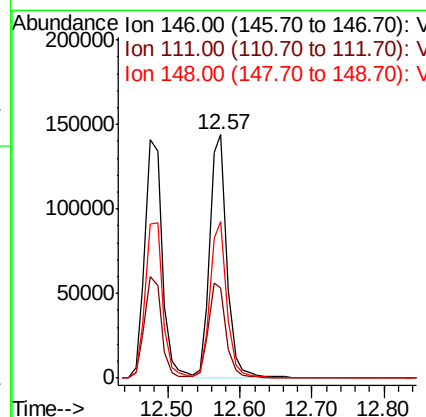
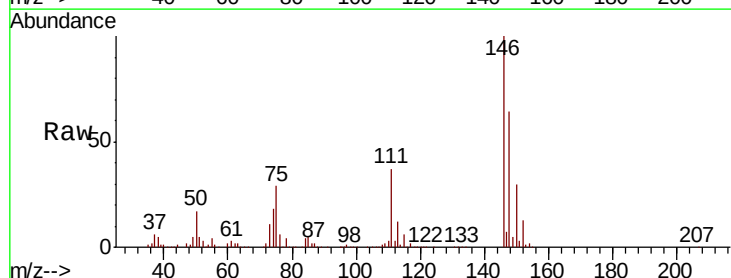
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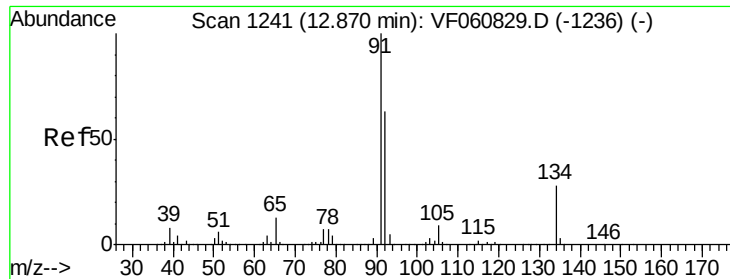
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#88  
 1,4-Dichlorobenzene  
 Concen: 49.046 ug/l  
 RT: 12.57 min Scan# 1211  
 Delta R.T. -0.02 min  
 Lab File: VF060885.D  
 Acq: 30 Nov 2018 00:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 36.8  | 18.9  | 56.7  |
| 148     | 64.2  | 32.3  | 96.9  |





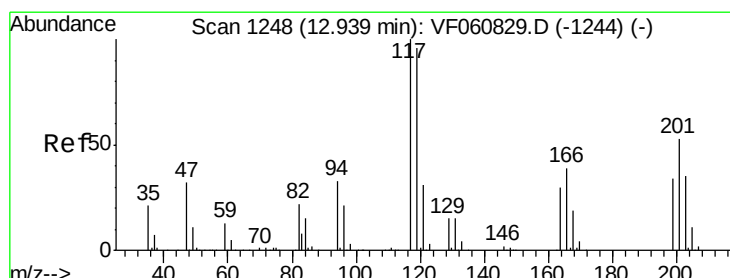
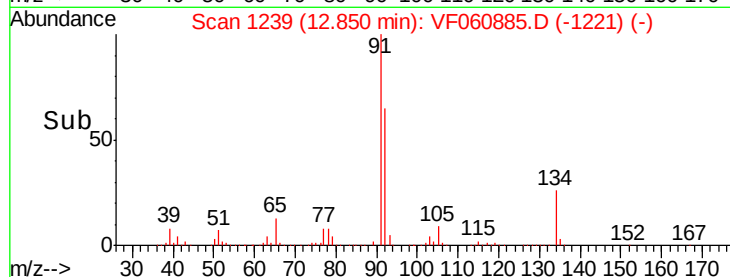
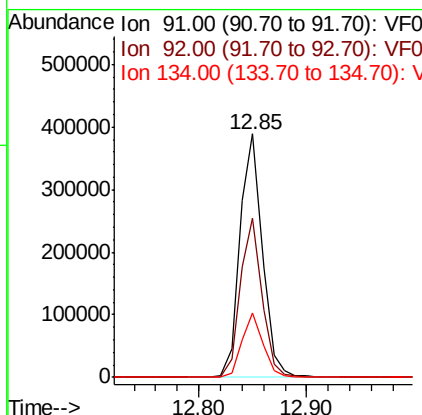
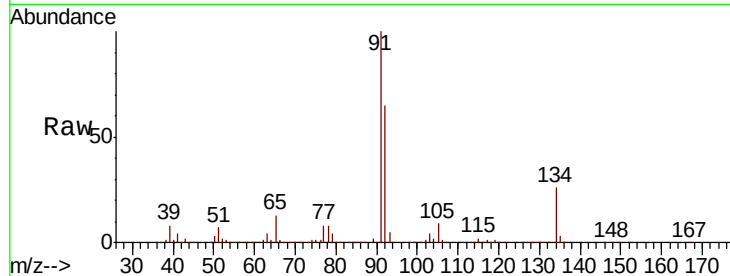
#89  
n-Butylbenzene  
Concen: 48.553 ug/l  
RT: 12.85 min Scan# 1239  
Delta R.T. -0.02 min  
Lab File: VF060885.D  
Acq: 30 Nov 2018 00:28

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 65.4  | 31.6  | 94.7  |
| 134     | 26.3  | 13.8  | 41.4  |

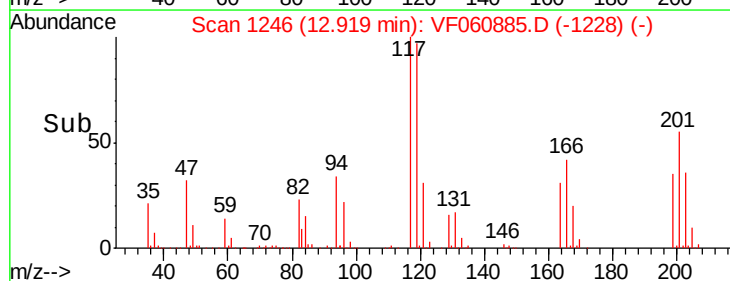
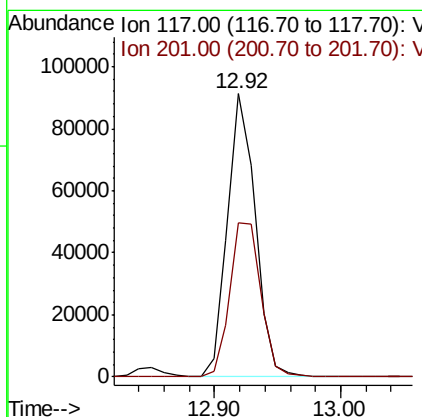
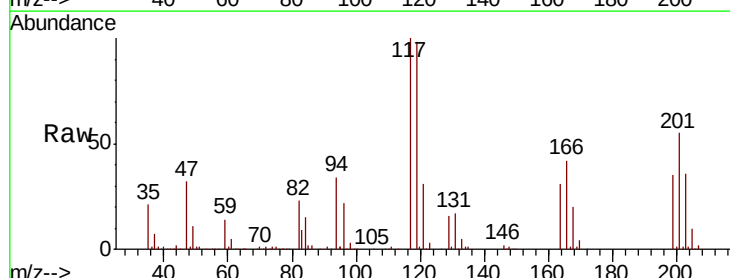
Manual Integrations  
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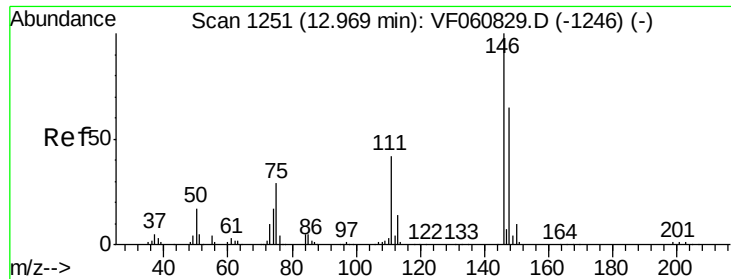
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#90  
Hexachloroethane  
Concen: 50.795 ug/l  
RT: 12.92 min Scan# 1246  
Delta R.T. -0.02 min  
Lab File: VF060885.D  
Acq: 30 Nov 2018 00:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 54.6  | 26.7  | 80.1  |





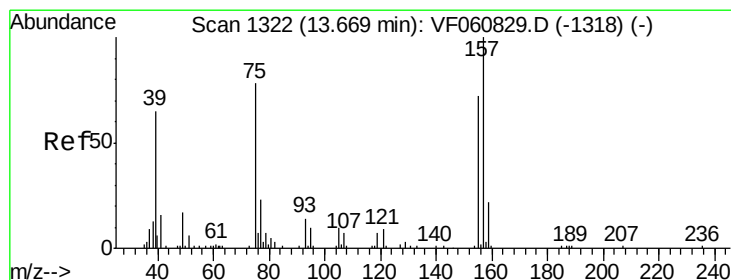
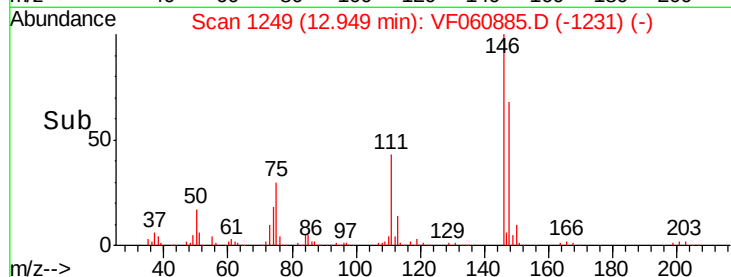
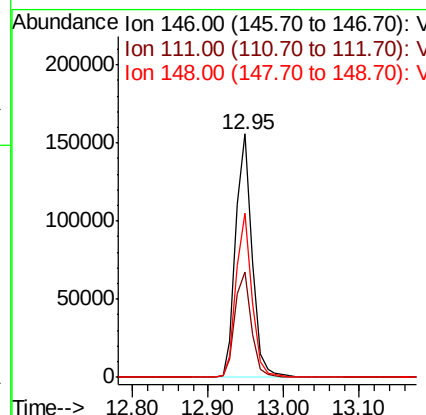
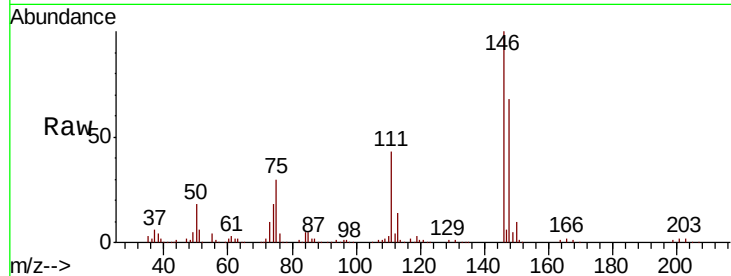
#91  
 1,2-Dichlorobenzene  
 Concen: 48.965 ug/l  
 RT: 12.95 min Scan# 1249  
 Delta R.T. -0.02 min  
 Lab File: VF060885.D  
 Acq: 30 Nov 2018 00:28

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.1  | 21.2  | 63.6  |
| 148     | 67.7  | 32.5  | 97.5  |

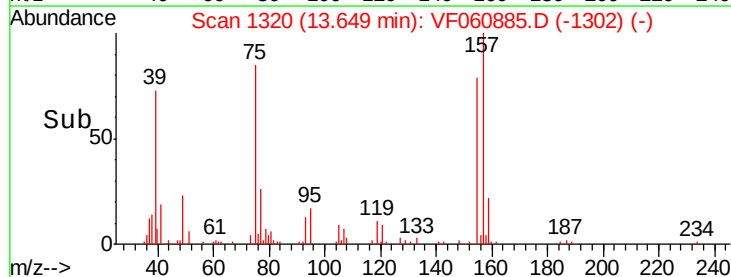
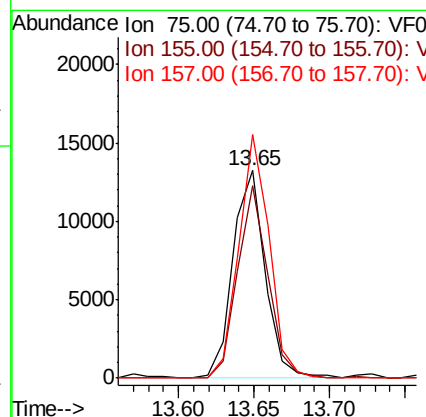
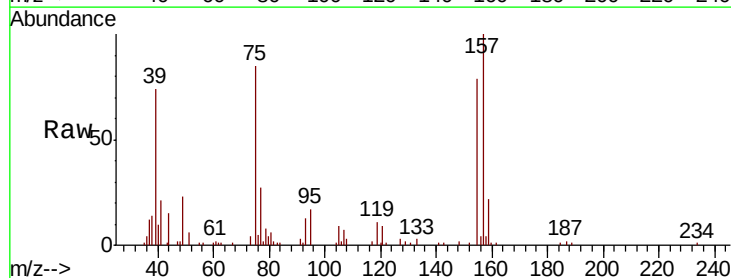
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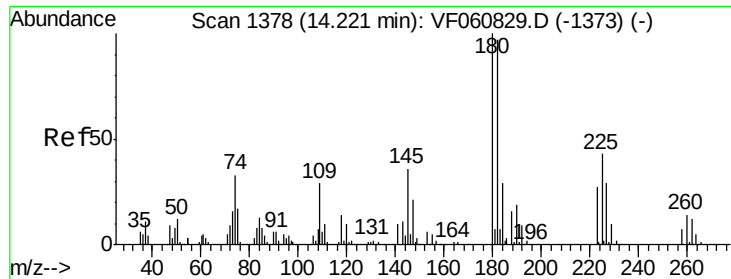
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 51.184 ug/l  
 RT: 13.65 min Scan# 1320  
 Delta R.T. -0.02 min  
 Lab File: VF060885.D  
 Acq: 30 Nov 2018 00:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 92.5  | 45.6  | 136.9 |
| 157     | 117.2 | 63.8  | 191.5 |





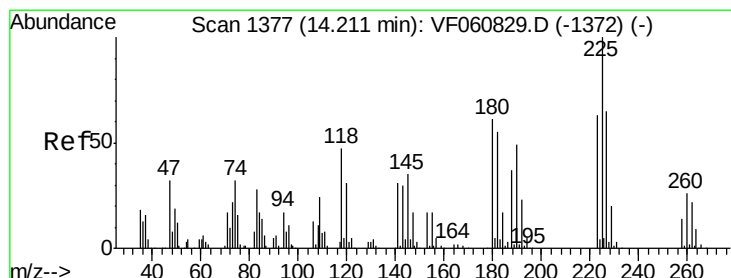
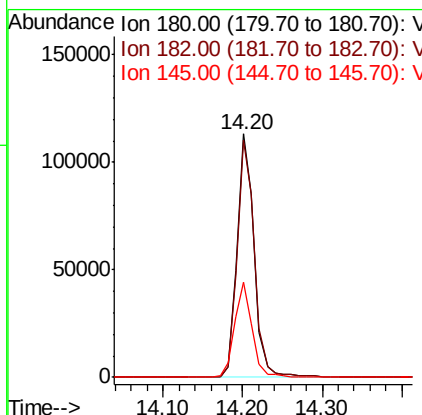
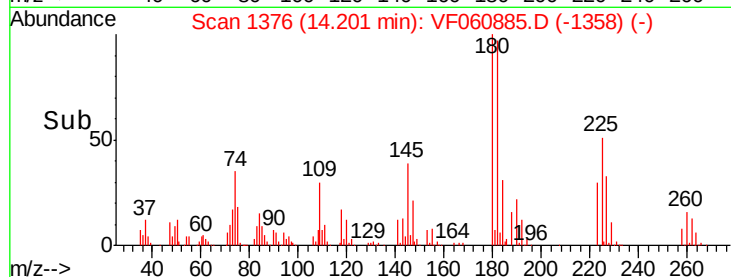
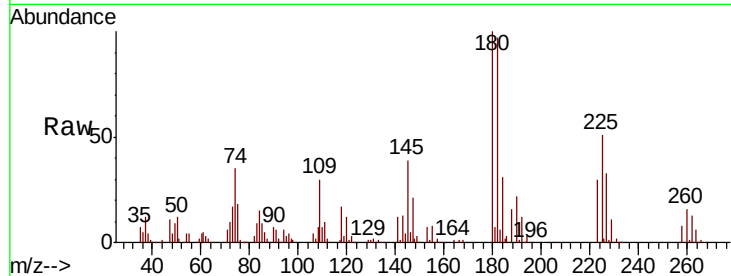
#93  
 1,2,4-Trichlorobenzene  
 Concen: 51.429 ug/l  
 RT: 14.20 min Scan# 1376  
 Delta R.T. -0.02 min  
 Lab File: VF060885.D  
 Acq: 30 Nov 2018 00:28

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 170935 |       |       |
| 182     | 97.4  | 48.5   | 145.5 |       |
| 145     | 38.9  | 18.1   | 54.3  |       |

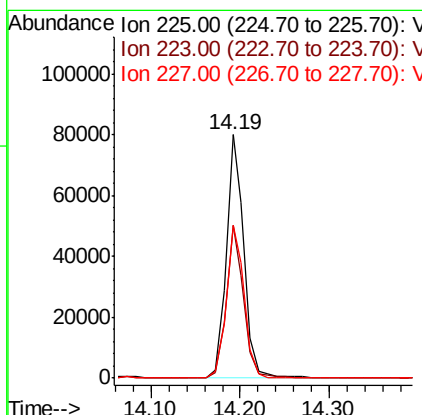
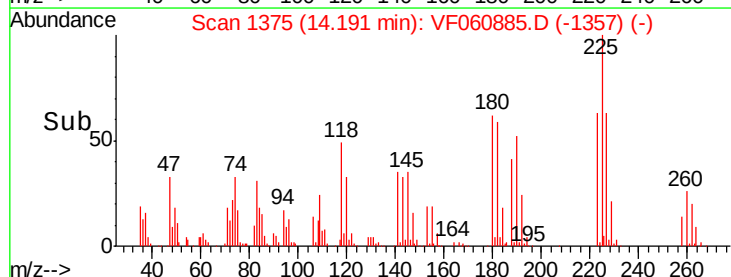
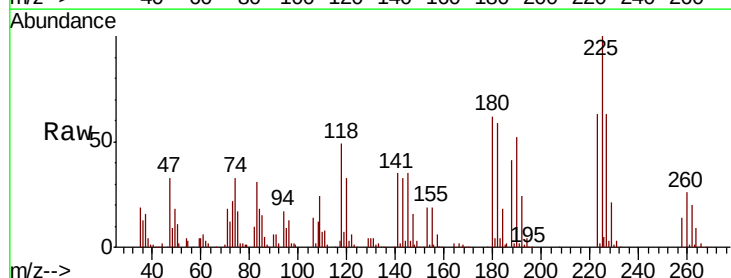
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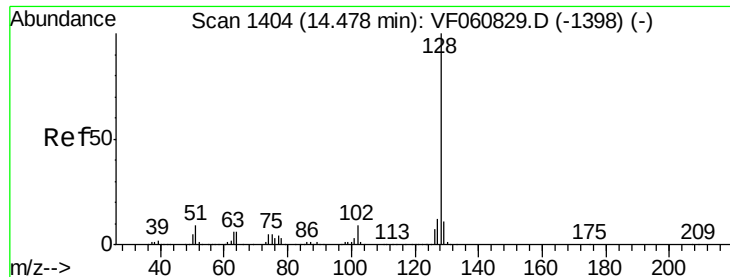
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#94  
 Hexachlorobutadiene  
 Concen: 50.577 ug/l  
 RT: 14.19 min Scan# 1375  
 Delta R.T. -0.02 min  
 Lab File: VF060885.D  
 Acq: 30 Nov 2018 00:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 112062 |       |       |
| 223     | 62.9  | 31.4   | 94.3  |       |
| 227     | 62.8  | 32.5   | 97.5  |       |





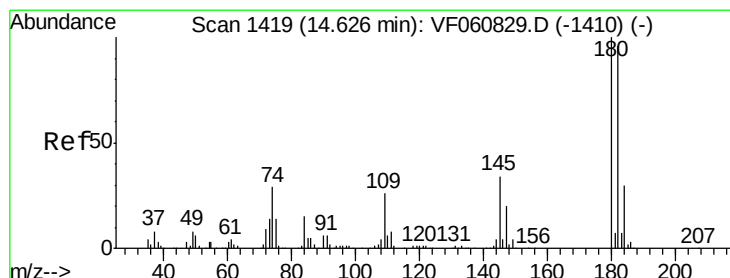
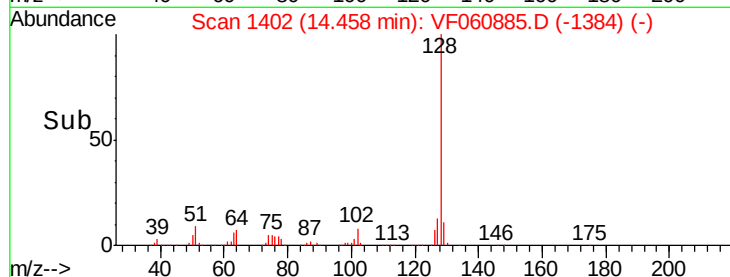
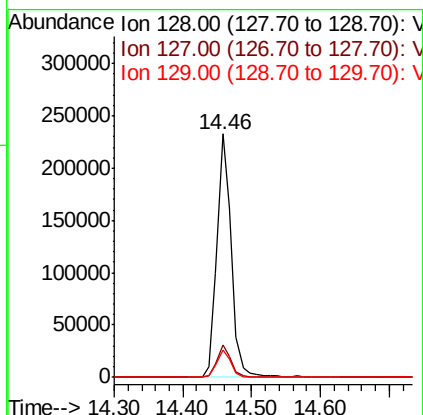
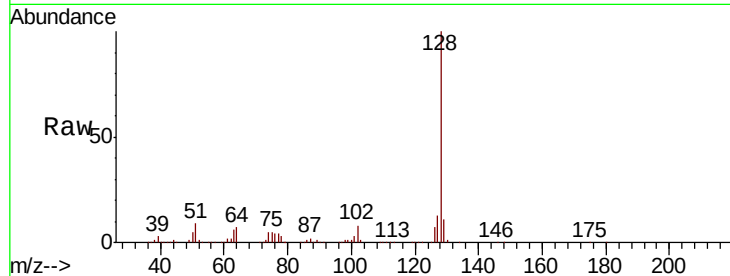
#95  
Naphthalene  
Concen: 52.424 ug/l  
RT: 14.46 min Scan# 1402  
Delta R.T. -0.02 min  
Lab File: VF060885.D  
Acq: 30 Nov 2018 00:28

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 337099 |       |       |
| 127     | 13.1  |        | 9.9   | 14.9  |
| 129     | 11.3  |        | 9.1   | 13.7  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 52.628 ug/l  
RT: 14.61 min Scan# 1417  
Delta R.T. -0.02 min  
Lab File: VF060885.D  
Acq: 30 Nov 2018 00:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 162415 |       |       |
| 182     | 96.7  |        | 47.9  | 143.8 |
| 145     | 35.1  |        | 17.2  | 51.5  |

