

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070718\  
 Data File : VF059475.D  
 Acq On : 7 Jul 2018 4:22  
 Operator : VA/AP  
 Sample : VSTDICC100  
 Misc : 5.03g/5mL/MSVOA-F/SOIL  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDICC100

Manual Integrations  
 APPROVED

apatel  
 7/9/2018 9:34:45 AM

Quant Time: Jul 07 06:29:33 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F070718S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jul 07 05:43:52 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.01  | 168  | 236649   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.74  | 114  | 362690   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.89  | 117  | 377885   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.62 | 152  | 230621   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |        |         |      |
|---------------------------|--------|-----|----------|--------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 4.99   | 65  | 419374   | 127.87 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 255.74% |      |
| 35) Dibromofluoromethane  | 4.26   | 113 | 336971   | 120.49 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 240.98% |      |
| 50) Toluene-d8            | 7.68   | 98  | 841646   | 122.41 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 244.82% |      |
| 62) 4-Bromofluorobenzene  | 11.48  | 95  | 434960   | 111.92 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 223.84% |      |

## Target Compounds

|                               |      |     |         |        |        | Qvalue |
|-------------------------------|------|-----|---------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 0.97 | 85  | 337538  | 141.67 | ug/l   | 96     |
| 3) Chloromethane              | 1.08 | 50  | 171698  | 114.82 | ug/l   | 100    |
| 4) Vinyl Chloride             | 1.14 | 62  | 188378  | 127.77 | ug/l   | 100    |
| 5) Bromomethane               | 1.33 | 94  | 137136  | 136.09 | ug/l   | 94     |
| 6) Chloroethane               | 1.42 | 64  | 99836   | 133.53 | ug/l   | 98     |
| 7) Trichlorofluoromethane     | 1.53 | 101 | 384645m | 126.91 | ug/l   |        |
| 8) Diethyl Ether              | 1.68 | 74  | 81855   | 110.20 | ug/l   | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 1.88 | 101 | 193718  | 112.04 | ug/l   | 96     |
| 10) Methyl Iodide             | 1.95 | 142 | 384482  | 122.84 | ug/l   | 92     |
| 11) Tert butyl alcohol        | 2.67 | 59  | 89261   | 438.38 | ug/l # | 94     |
| 12) 1,1-Dichloroethene        | 1.84 | 96  | 184125  | 125.37 | ug/l   | 82     |
| 13) Acrolein                  | 2.07 | 56  | 68551   | 566.94 | ug/l   | 98     |
| 14) Allyl chloride            | 2.17 | 41  | 323894  | 121.05 | ug/l   | 84     |
| 15) Acrylonitrile             | 3.05 | 53  | 175969  | 494.51 | ug/l   | 98     |
| 16) Acetone                   | 2.32 | 43  | 284893  | 353.18 | ug/l   | 98     |
| 17) Carbon Disulfide          | 1.85 | 76  | 495828  | 141.65 | ug/l   | 98     |
| 18) Methyl Acetate            | 2.43 | 43  | 144453  | 90.51  | ug/l   | 95     |
| 19) Methyl tert-butyl Ether   | 2.51 | 73  | 597228  | 111.97 | ug/l   | 97     |
| 20) Methylene Chloride        | 2.29 | 84  | 179303m | 77.28  | ug/l   |        |
| 21) trans-1,2-Dichloroethene  | 2.39 | 96  | 194610  | 124.84 | ug/l   | 95     |
| 22) Diisopropyl ether         | 2.91 | 45  | 680161  | 115.94 | ug/l   | 98     |
| 23) Vinyl Acetate             | 3.30 | 43  | 1854909 | 500.56 | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 2.98 | 63  | 427458  | 115.06 | ug/l   | 100    |
| 25) 2-Butanone                | 4.47 | 43  | 432548  | 444.98 | ug/l   | 98     |
| 26) 2,2-Dichloropropane       | 3.72 | 77  | 237049  | 95.28  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 3.60 | 96  | 248663  | 108.79 | ug/l   | 99     |
| 28) Bromochloromethane        | 3.85 | 49  | 178348  | 110.76 | ug/l   | 98     |
| 29) Tetrahydrofuran           | 4.22 | 42  | 194374  | 453.41 | ug/l   | 99     |
| 30) Chloroform                | 4.00 | 83  | 608667  | 113.22 | ug/l   | 95     |
| 31) Cyclohexane               | 3.83 | 56  | 245197  | 102.11 | ug/l   | 95     |
| 32) 1,1,1-Trichloroethane     | 4.24 | 97  | 462598  | 116.87 | ug/l   | 96     |
| 36) 1,1-Dichloropropene       | 4.42 | 75  | 386252  | 116.67 | ug/l   | 97     |
| 37) Ethyl Acetate             | 4.26 | 43  | 205681  | 91.79  | ug/l   | 88     |
| 38) Carbon Tetrachloride      | 4.13 | 117 | 507087m | 119.01 | ug/l   |        |

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 ClientSampleID :  
 VSTDICC100

Manual Integrations  
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apatel  
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Quant Time: Jul 07 06:29:33 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F070718S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jul 07 05:43:52 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 5.59  | 83   | 321424   | 109.44  | ug/l   | 92       |
| 40) Benzene                    | 4.77  | 78   | 759099   | 106.56  | ug/l   | 100      |
| 41) Methacrylonitrile          | 4.89  | 41   | 101288   | 93.56   | ug/l   | 94       |
| 42) 1,2-Dichloroethane         | 5.08  | 62   | 500991   | 115.52  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 7.08  | 43   | 258269   | 98.25   | ug/l   | 98       |
| 44) Trichloroethene            | 5.64  | 130  | 261404   | 104.67  | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 6.37  | 63   | 213160   | 105.09  | ug/l   | 97       |
| 46) Dibromomethane             | 6.22  | 93   | 196450   | 109.93  | ug/l   | 98       |
| 47) Bromodichloromethane       | 6.51  | 83   | 477168   | 109.66  | ug/l   | 93       |
| 48) Methyl methacrylate        | 6.84  | 41   | 196596   | 109.82  | ug/l   | 96       |
| 49) 1,4-Dioxane                | 6.83  | 88   | 17357    | 1608.88 | ug/l # | 88       |
| 51) 4-Methyl-2-Pentanone       | 8.38  | 43   | 900687   | 459.56  | ug/l   | 99       |
| 52) Toluene                    | 7.75  | 92   | 546096   | 101.76  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene      | 8.40  | 75   | 409307   | 103.91  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 7.42  | 75   | 442035   | 104.79  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 8.60  | 97   | 213591   | 103.13  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 8.73  | 69   | 258798   | 102.66  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 8.97  | 76   | 355952   | 100.15  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether  | 7.75  | 63   | 109058   | 548.34  | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.60  | 43   | 660974   | 408.96  | ug/l   | 97       |
| 60) Dibromochloromethane       | 8.83  | 129  | 376852   | 116.69  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 9.11  | 107  | 268665   | 106.65  | ug/l   | 100      |
| 64) Tetrachloroethene          | 8.27  | 164  | 308019   | 118.80  | ug/l   | 99       |
| 65) Chlorobenzene              | 9.90  | 112  | 715983   | 100.05  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.04 | 131  | 315639   | 101.23  | ug/l   | 95       |
| 67) Ethyl Benzene              | 10.00 | 91   | 1222855  | 100.31  | ug/l   | 98       |
| 68) m/p-Xylenes                | 10.24 | 106  | 838997   | 194.81  | ug/l   | 95       |
| 69) o-Xylene                   | 10.80 | 106  | 478211   | 99.51   | ug/l   | 93       |
| 70) Styrene                    | 10.87 | 104  | 729251   | 99.46   | ug/l   | 98       |
| 71) Bromoform                  | 10.86 | 173  | 232421   | 109.26  | ug/l # | 97       |
| 73) Isopropylbenzene           | 11.21 | 105  | 1400749  | 102.04  | ug/l   | 96       |
| 74) N-amyl acetate             | 11.44 | 43   | 439772   | 90.70   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.77 | 83   | 305314   | 90.29   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.87 | 75   | 239090   | 92.17   | ug/l   | 96       |
| 77) Bromobenzene               | 11.57 | 156  | 375327   | 99.36   | ug/l   | 98       |
| 78) n-propylbenzene            | 11.67 | 91   | 1540615  | 93.50   | ug/l   | 96       |
| 79) 2-Chlorotoluene            | 11.79 | 91   | 1001155  | 99.07   | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene     | 11.90 | 105  | 1179091  | 97.41   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.94 | 75   | 141705   | 94.21   | ug/l   | 90       |
| 82) 4-Chlorotoluene            | 11.96 | 91   | 1073155  | 100.17  | ug/l   | 96       |
| 83) tert-Butylbenzene          | 12.19 | 119  | 1135769  | 94.88   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 12.27 | 105  | 1213535  | 96.02   | ug/l   | 95       |
| 85) sec-Butylbenzene           | 12.37 | 105  | 1570816  | 98.37   | ug/l   | 96       |
| 86) p-Isopropyltoluene         | 12.52 | 119  | 1287609  | 95.83   | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene        | 12.54 | 146  | 651668   | 92.74   | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene        | 12.63 | 146  | 671558   | 98.38   | ug/l   | 96       |
| 89) n-Butylbenzene             | 12.90 | 91   | 1235308  | 90.55   | ug/l   | 97       |
| 90) Hexachloroethane           | 12.97 | 117  | 344102   | 102.45  | ug/l   | 76       |
| 91) 1,2-Dichlorobenzene        | 13.00 | 146  | 653361   | 94.98   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.69 | 75   | 80867    | 105.48  | ug/l   | 70       |

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ALS Vial : 31 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
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Manual Integrations  
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Quant Title : SW846 8260  
QLast Update : Sat Jul 07 05:43:52 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.25 | 180  | 507946   | 99.42  | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 14.24 | 225  | 312265   | 106.57 | ug/l  | 97       |
| 95) Naphthalene            | 14.50 | 128  | 1095422  | 102.37 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.65 | 180  | 504002   | 103.61 | ug/l  | 97       |

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

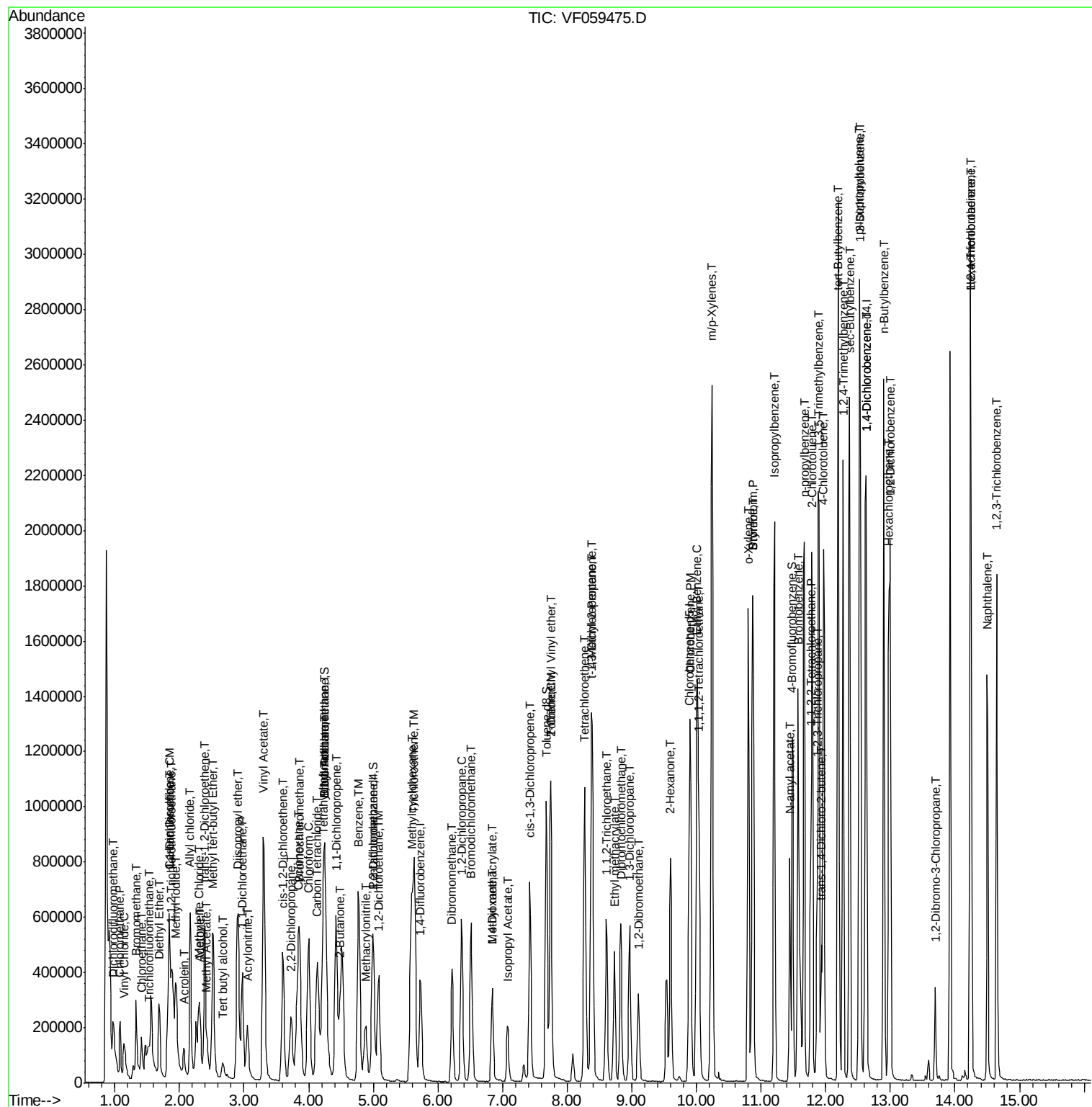
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF070718\  
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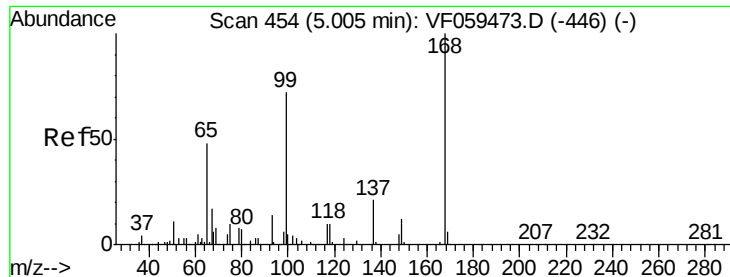
Instrument :  
MSVOA\_F  
Client Sample ID :  
VSTDICC100

Manual Integrations  
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apatel  
7/9/2018 9:34:45 AM

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.01 min Scan# 454

Delta R.T. 0.00 min

Lab File: VF059475.D

Acq: 7 Jul 2018 4:22

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC100

Tot Ion:168 Resp: 236649

Ion Ratio Lower Upper

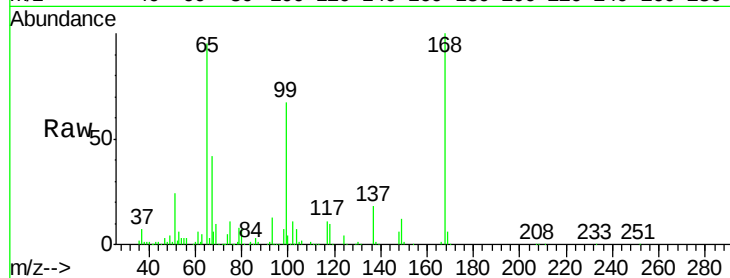
168 100

99 67.1 57.7 86.5

Manual Integrations  
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Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

5.01

80000

60000

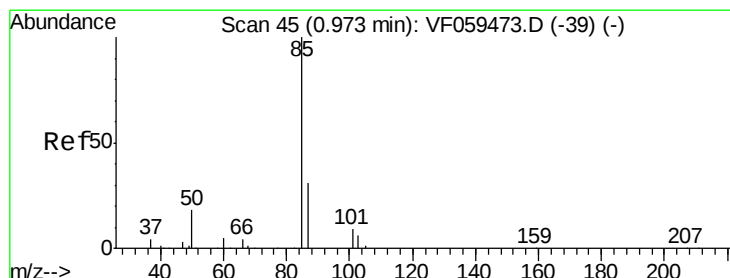
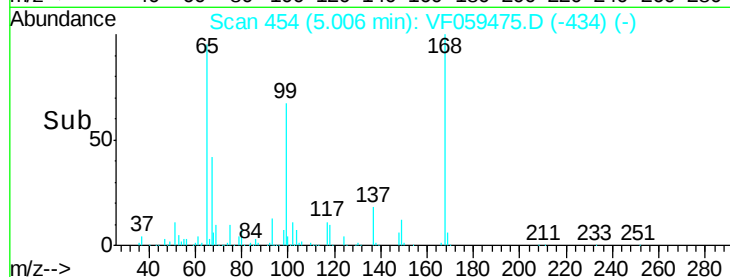
40000

20000

0

Time-->

4.90 5.00 5.10



#2

Dichlorodifluoromethane

Concen: 141.67 ug/l

RT: 0.97 min Scan# 45

Delta R.T. 0.00 min

Lab File: VF059475.D

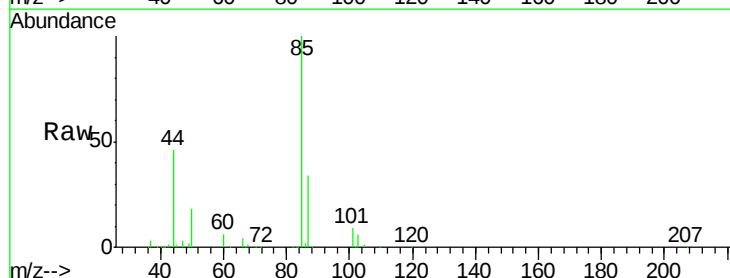
Acq: 7 Jul 2018 4:22

Tgt Ion: 85 Resp: 337538

Ion Ratio Lower Upper

85 100

87 33.7 15.7 47.0



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

0.97

100000

80000

60000

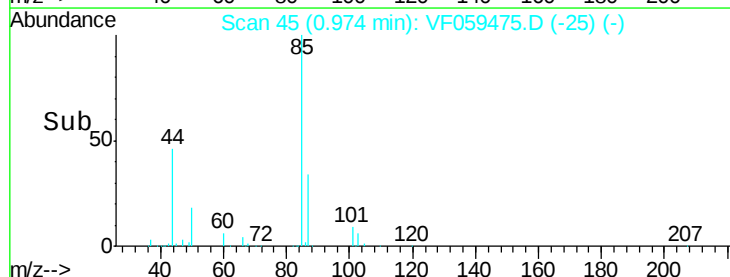
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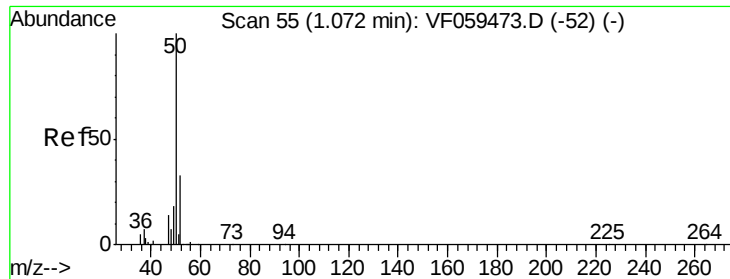
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0

Time-->

0.80 0.90 1.00 1.10 1.20





#3

Chloromethane

Concen: 114.82 ug/l

RT: 1.08 min Scan# 56

Delta R.T. 0.01 min

Lab File: VF059475.D

Acq: 7 Jul 2018 4:22

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 171698

Ion Ratio Lower Upper

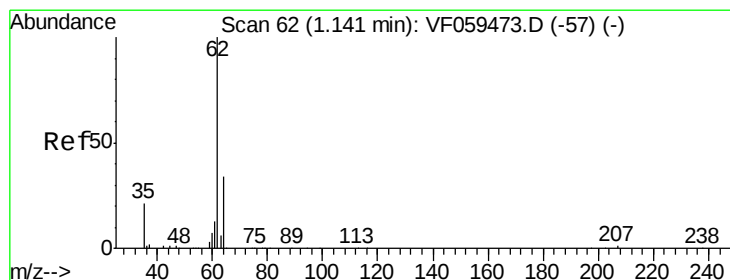
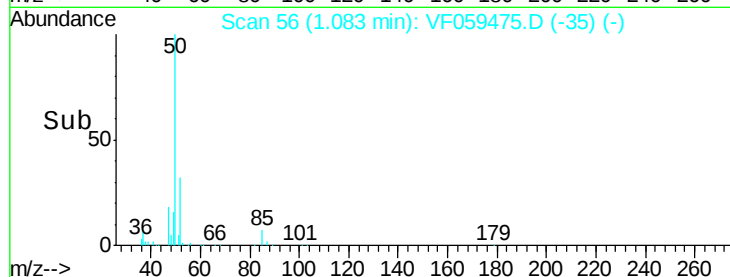
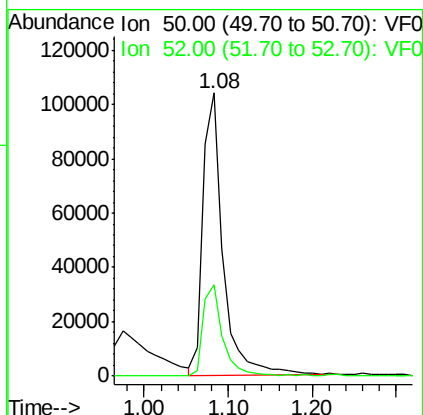
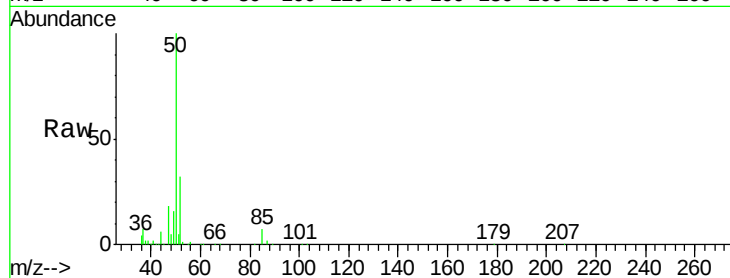
50 100

52 32.2 25.9 38.9

Manual Integrations  
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#4

Vinyl Chloride

Concen: 127.77 ug/l

RT: 1.14 min Scan# 62

Delta R.T. 0.00 min

Lab File: VF059475.D

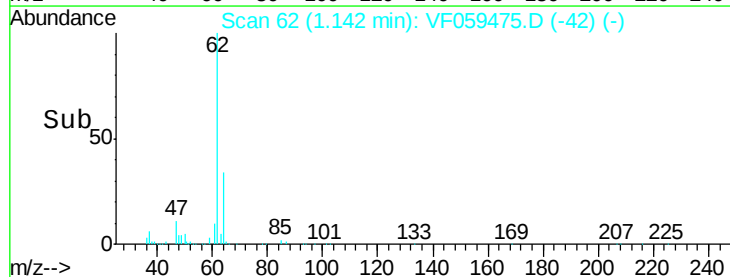
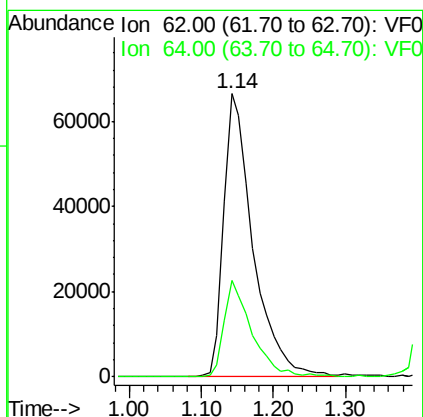
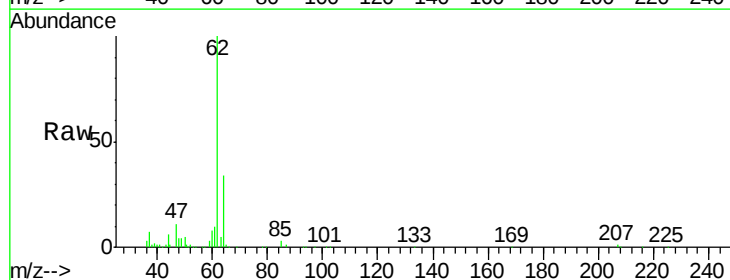
Acq: 7 Jul 2018 4:22

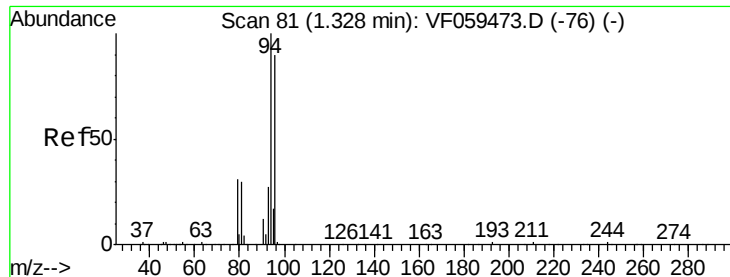
Tgt Ion: 62 Resp: 188378

Ion Ratio Lower Upper

62 100

64 33.9 27.3 40.9





#5

Bromomethane

Concen: 136.09 ug/l

RT: 1.33 min Scan# 81

Delta R.T. 0.00 min

Lab File: VF059475.D

Acq: 7 Jul 2018 4:22

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC100

Tot Ion: 94 Resp: 137136

Ion Ratio Lower Upper

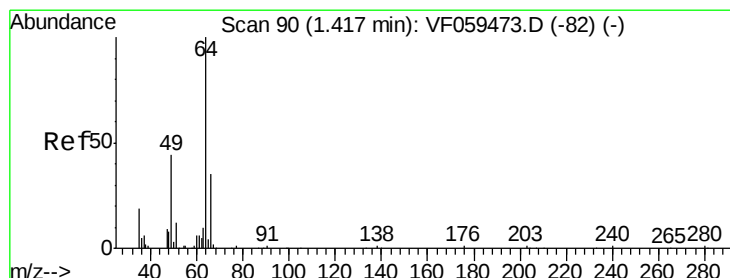
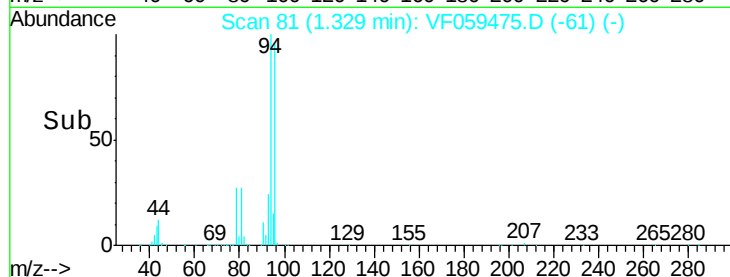
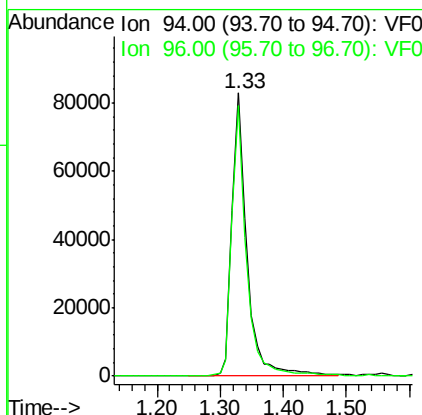
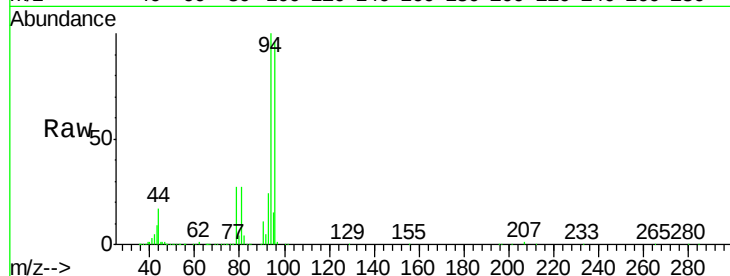
94 100

96 95.8 72.0 108.0

Manual Integrations  
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7/9/2018 9:34:45 AM



#6

Chloroethane

Concen: 133.53 ug/l

RT: 1.42 min Scan# 90

Delta R.T. 0.00 min

Lab File: VF059475.D

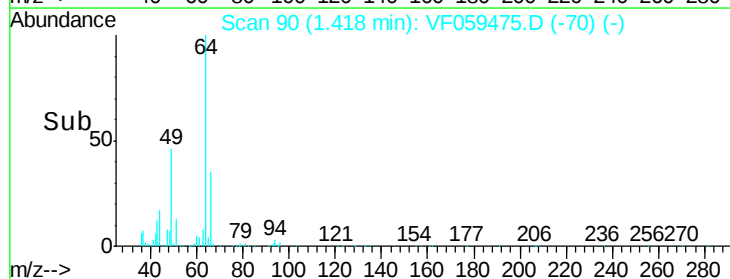
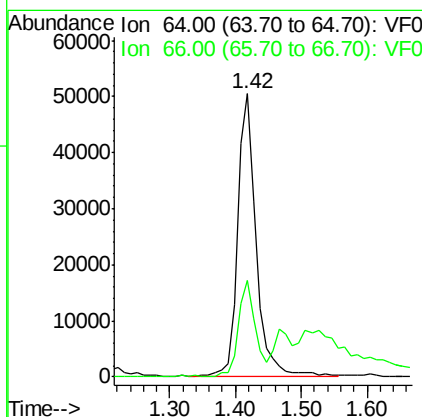
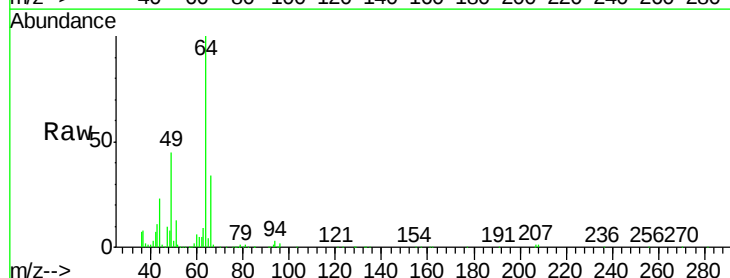
Acq: 7 Jul 2018 4:22

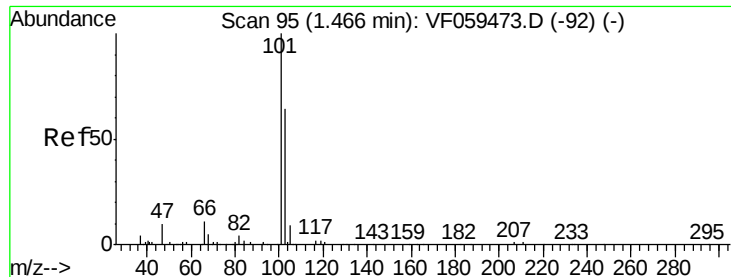
Tgt Ion: 64 Resp: 99836

Ion Ratio Lower Upper

64 100

66 34.0 28.1 42.1





#7

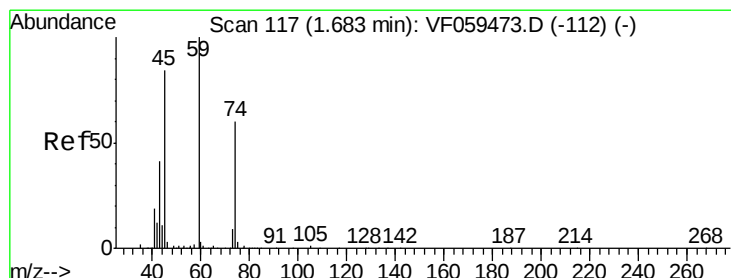
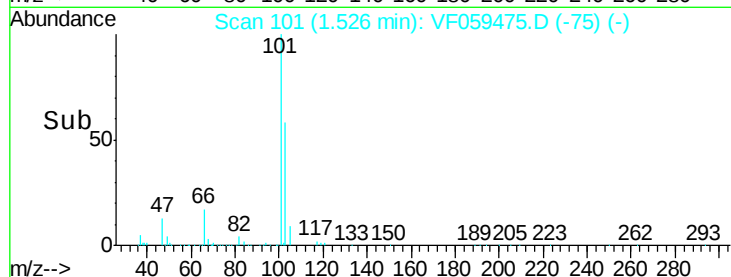
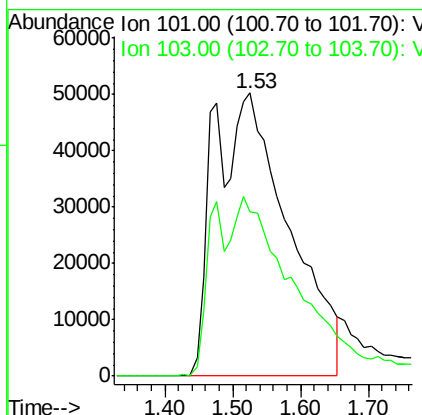
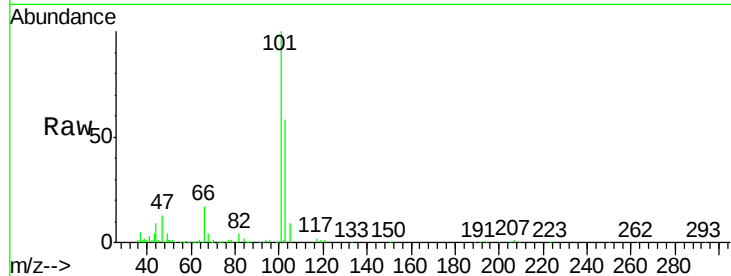
Trichlorofluoromethane  
Concen: 126.91 ug/l m  
RT: 1.53 min Scan# 101  
Delta R.T. 0.06 min  
Lab File: VF059475.D  
Acq: 7 Jul 2018 4:22

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDICC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 58.0  | 51.2  | 76.8  |

Manual Integrations  
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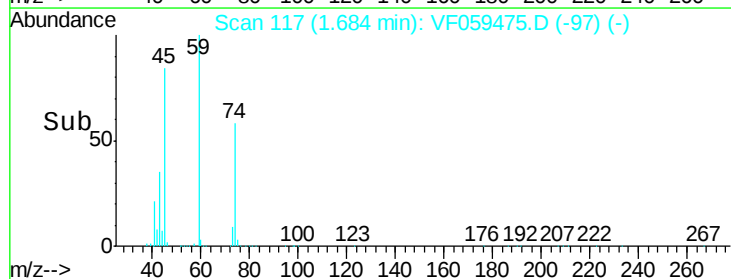
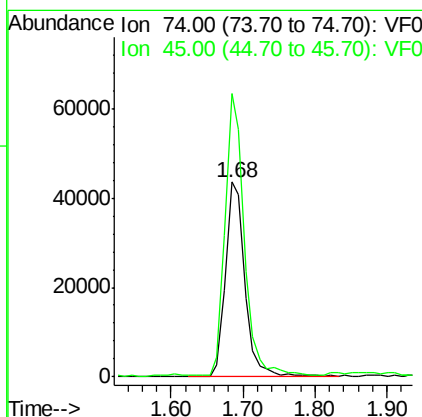
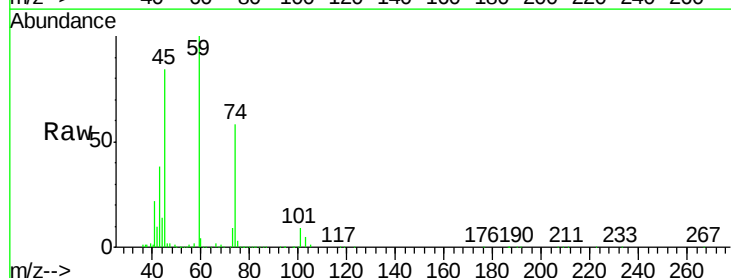
apatel  
7/9/2018 9:34:45 AM

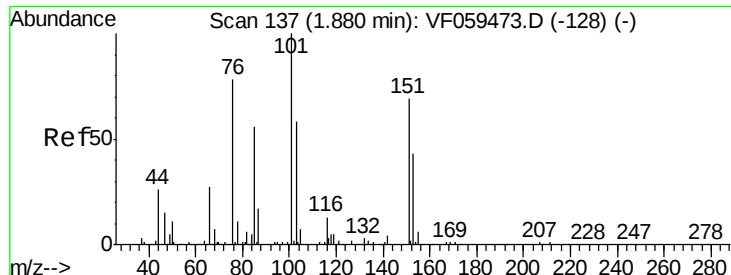


#8

Diethyl Ether  
Concen: 110.20 ug/l  
RT: 1.68 min Scan# 117  
Delta R.T. 0.00 min  
Lab File: VF059475.D  
Acq: 7 Jul 2018 4:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 145.5 | 71.1  | 213.3 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 112.04 ug/l

RT: 1.88 min Scan# 137

Delta R.T. 0.00 min

Lab File: VF059475.D

Acq: 7 Jul 2018 4:22

Instrument :

MSVOA\_F

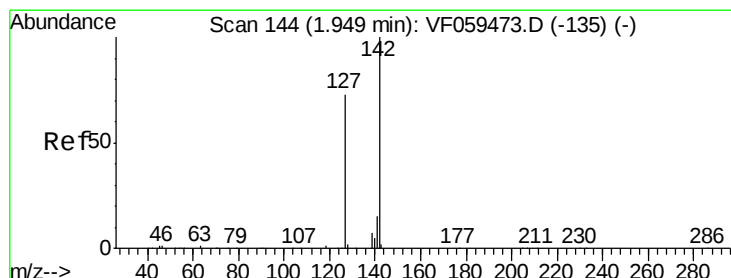
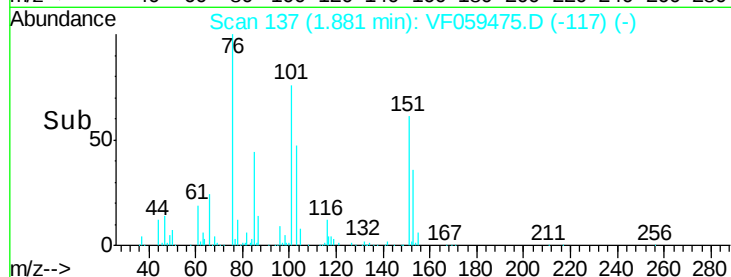
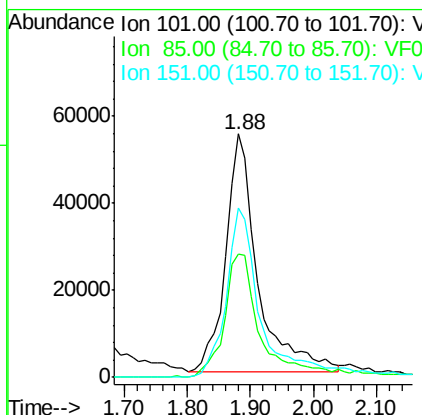
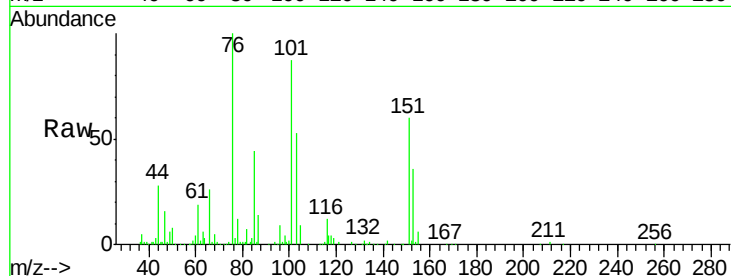
ClientSampleId :

VSTDIC100

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 193718 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 50.6  | 43.8  | 65.8   |
| 151       | 69.7  | 54.2  | 81.4   |

Manual Integrations  
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#10

Methyl Iodide

Concen: 122.84 ug/l

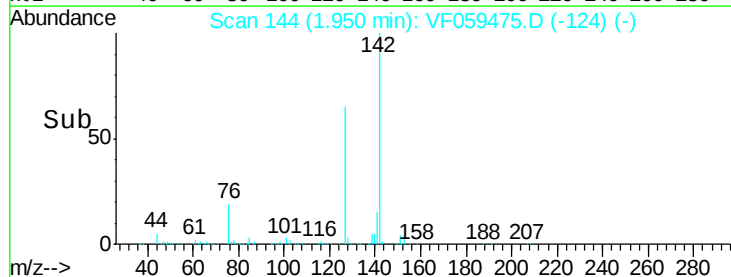
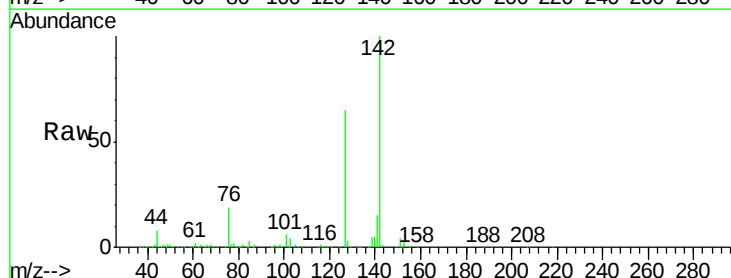
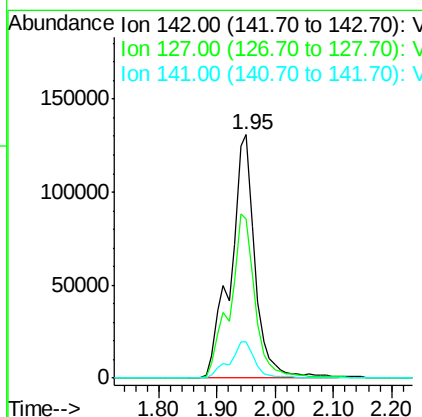
RT: 1.95 min Scan# 144

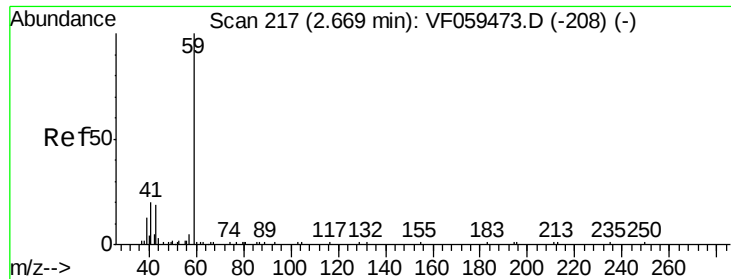
Delta R.T. 0.00 min

Lab File: VF059475.D

Acq: 7 Jul 2018 4:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 384482 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 65.2  | 58.2  | 87.2   |
| 141       | 15.0  | 11.7  | 17.5   |





#11

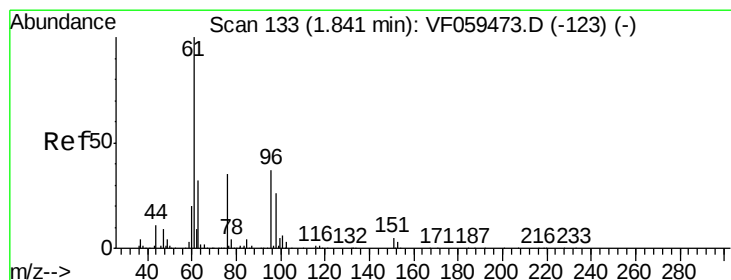
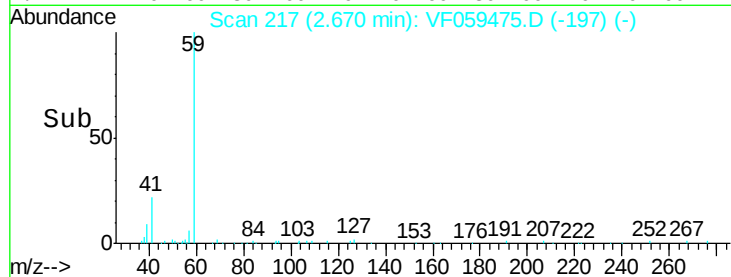
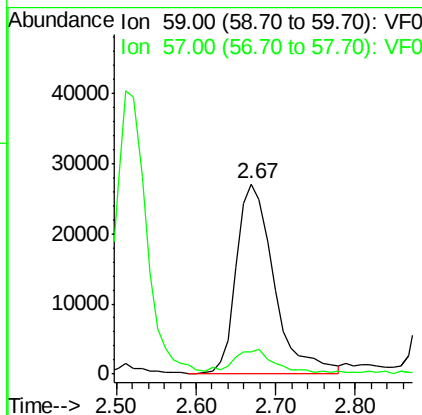
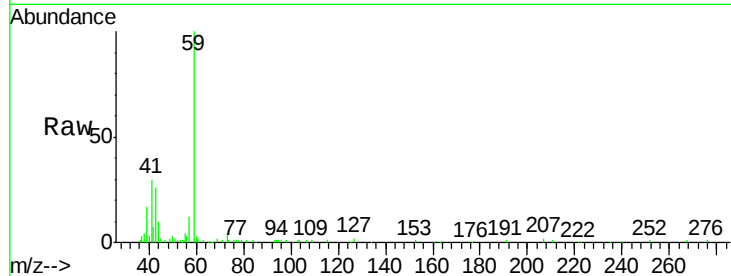
Tert butyl alcohol  
Concen: 438.38 ug/l  
RT: 2.67 min Scan# 217  
Delta R.T. 0.00 min  
Lab File: VF059475.D  
Acq: 7 Jul 2018 4:22

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 12.0  | 7.8   | 11.8# |

Manual Integrations  
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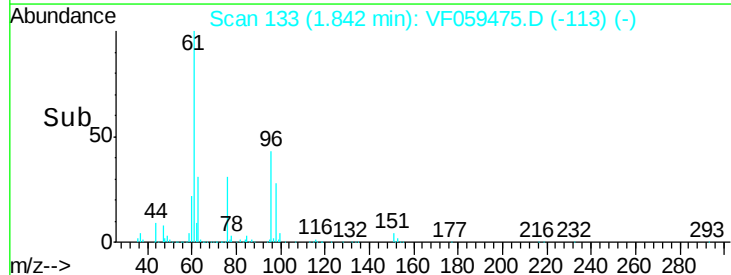
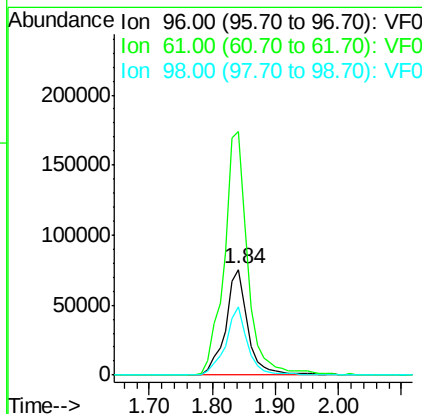
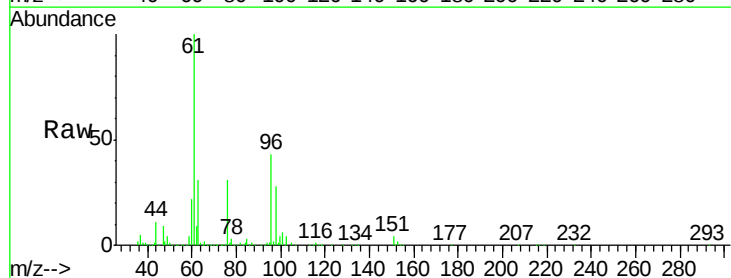
apatel  
7/9/2018 9:34:45 AM

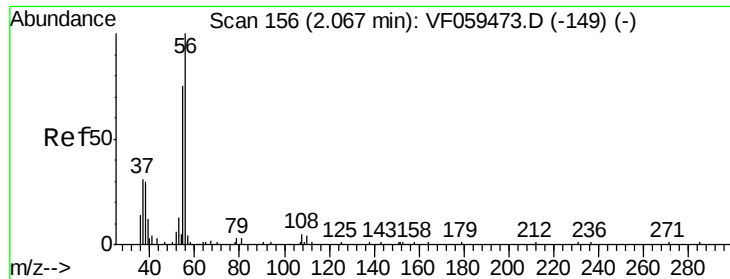


#12

1,1-Dichloroethene  
Concen: 125.37 ug/l  
RT: 1.84 min Scan# 133  
Delta R.T. 0.00 min  
Lab File: VF059475.D  
Acq: 7 Jul 2018 4:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 230.4 | 214.4 | 321.6 |
| 98      | 64.6  | 55.6  | 83.4  |





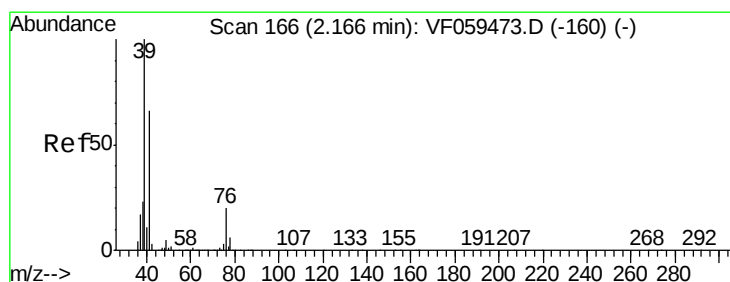
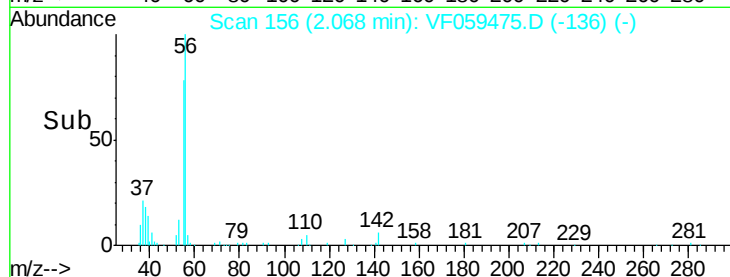
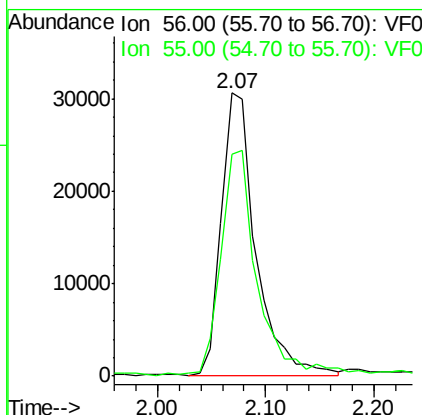
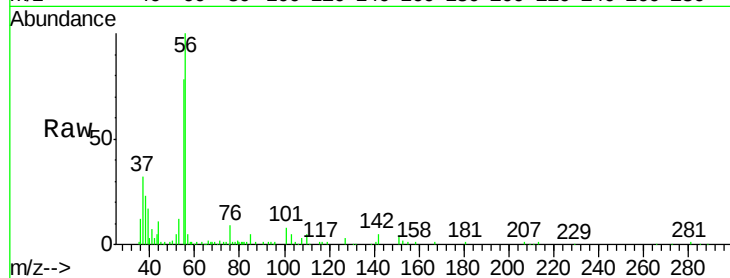
#13  
Acrolein  
Concen: 566.94 ug/l  
RT: 2.07 min Scan# 156  
Delta R.T. 0.00 min  
Lab File: VF059475.D  
Acq: 7 Jul 2018 4:22

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDICC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 55      | 78.3  | 61.2  | 91.8  |

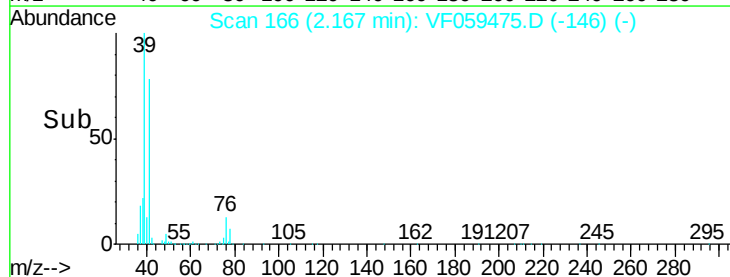
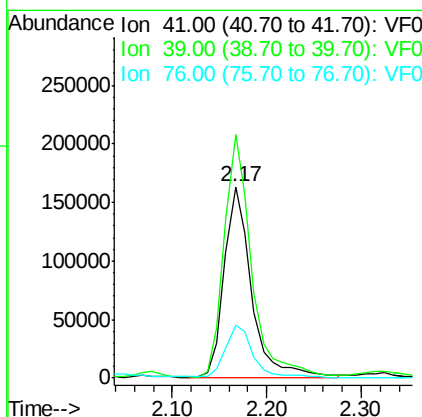
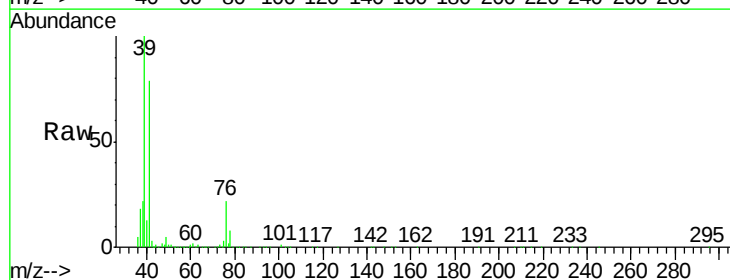
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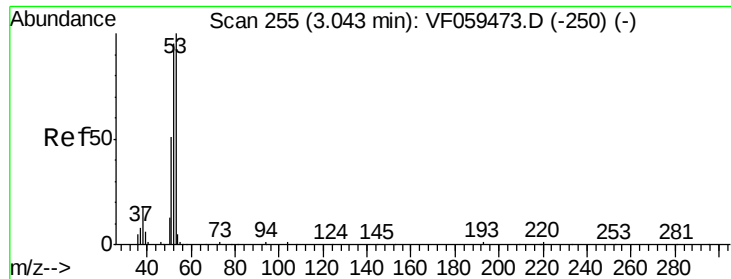
apatel  
7/9/2018 9:34:45 AM



#14  
Allyl chloride  
Concen: 121.05 ug/l  
RT: 2.17 min Scan# 166  
Delta R.T. 0.00 min  
Lab File: VF059475.D  
Acq: 7 Jul 2018 4:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 127.2 | 120.7 | 181.1 |
| 76      | 27.9  | 24.0  | 36.0  |





#15

Acrylonitrile

Concen: 494.51 ug/l

RT: 3.05 min Scan# 256

Delta R.T. 0.01 min

Lab File: VF059475.D

Acq: 7 Jul 2018 4:22

Instrument :

MSVOA\_F

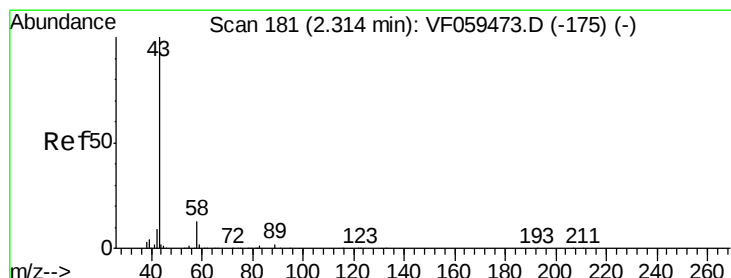
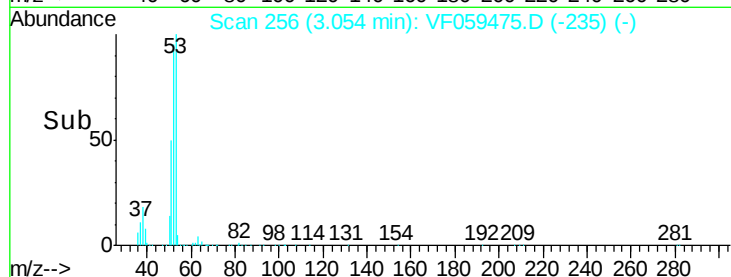
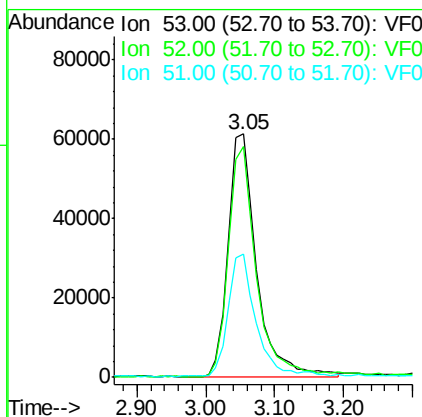
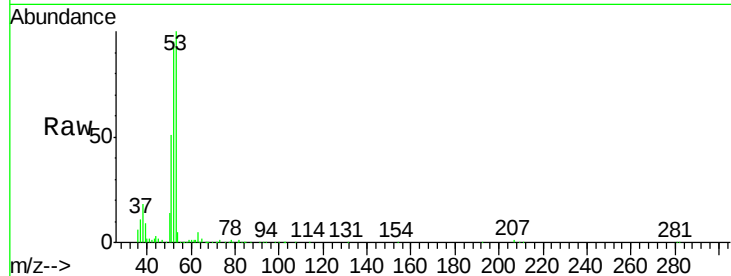
ClientSampleId :

VSTDIC100

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 175969 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 94.8  | 76.8  | 115.2  |
| 51       | 50.5  | 41.8  | 62.8   |

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#16

Acetone

Concen: 353.18 ug/l

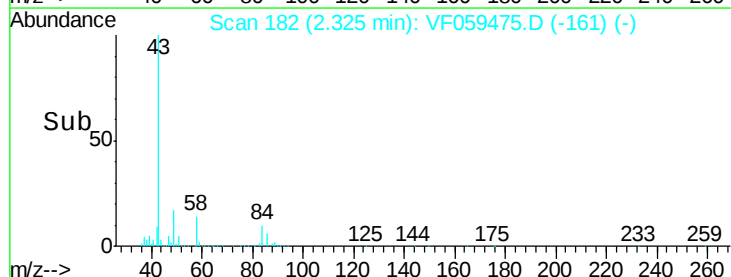
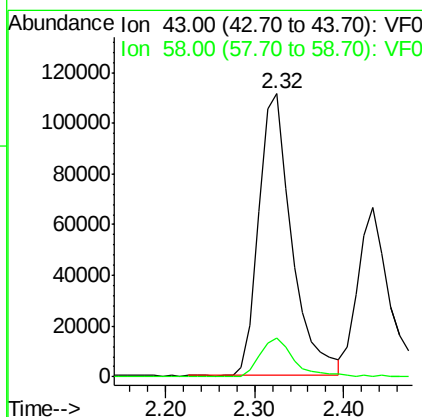
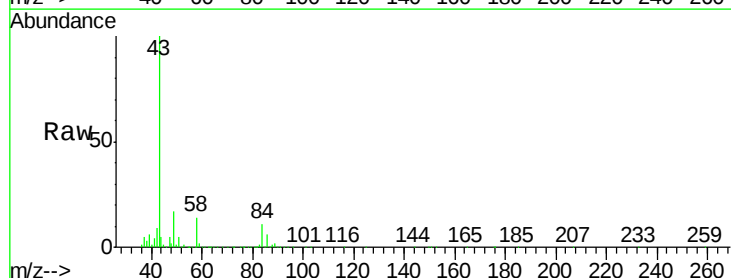
RT: 2.32 min Scan# 182

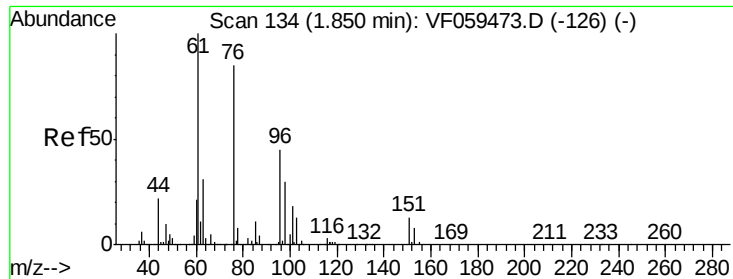
Delta R.T. 0.01 min

Lab File: VF059475.D

Acq: 7 Jul 2018 4:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 284893 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 13.7  | 10.5  | 15.7   |





#17

Carbon Disulfide

Concen: 141.65 ug/l

RT: 1.85 min Scan# 134

Delta R.T. 0.00 min

Lab File: VF059475.D

Acq: 7 Jul 2018 4:22

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC100

Tot Ion: 76 Resp: 495828

Ion Ratio Lower Upper

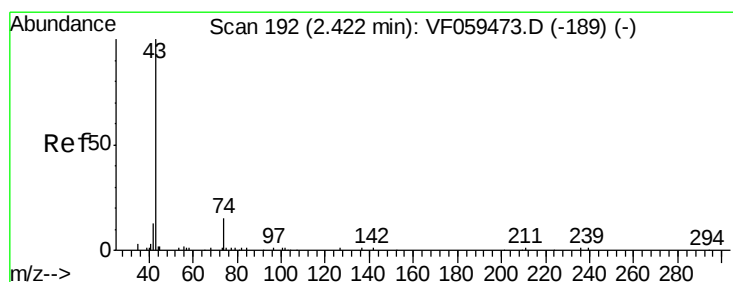
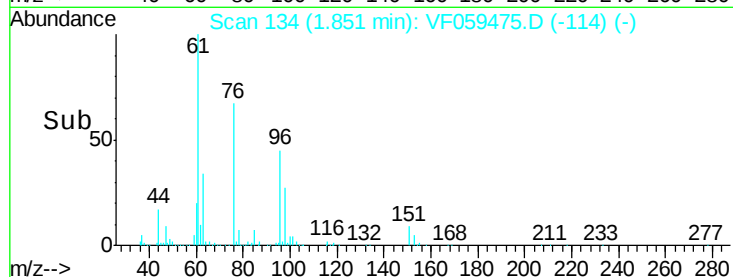
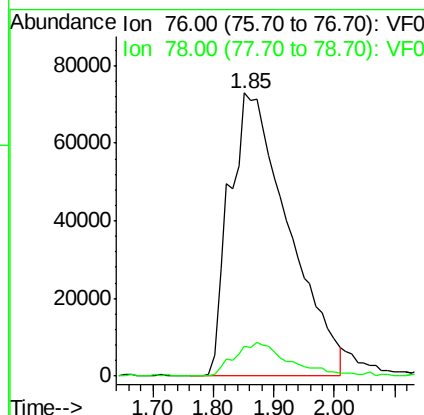
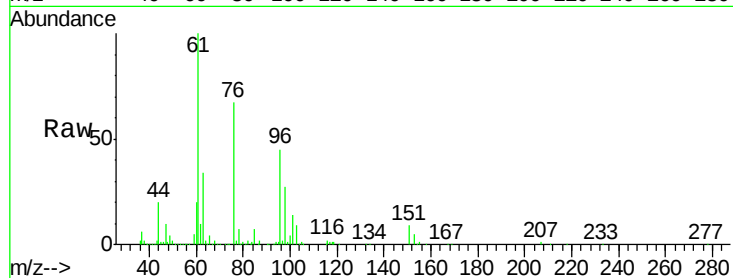
76 100

78 10.7 8.0 12.0

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#18

Methyl Acetate

Concen: 90.51 ug/l

RT: 2.43 min Scan# 193

Delta R.T. 0.01 min

Lab File: VF059475.D

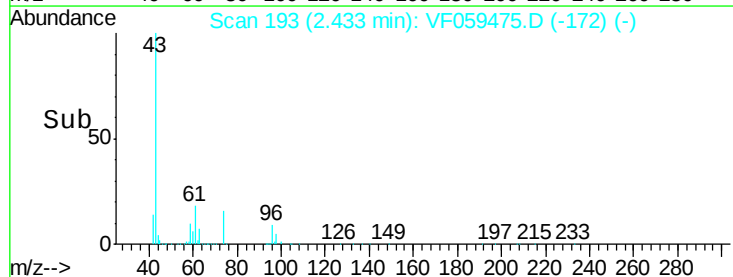
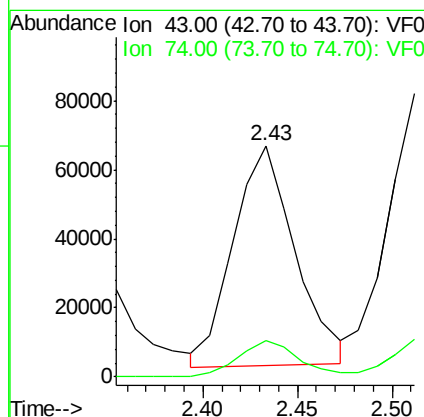
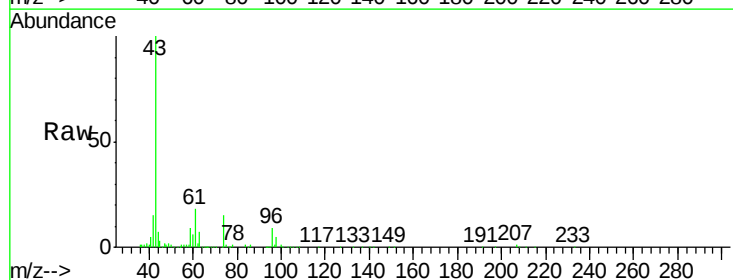
Acq: 7 Jul 2018 4:22

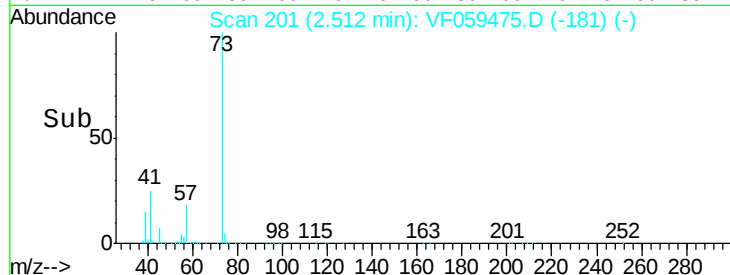
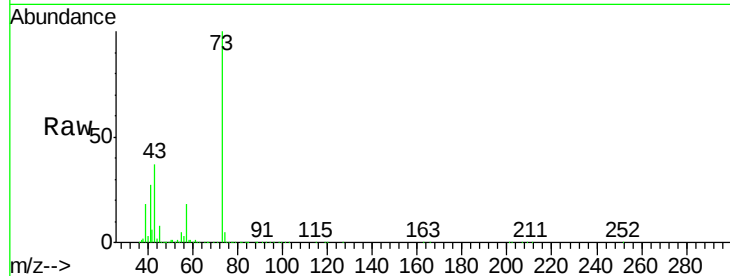
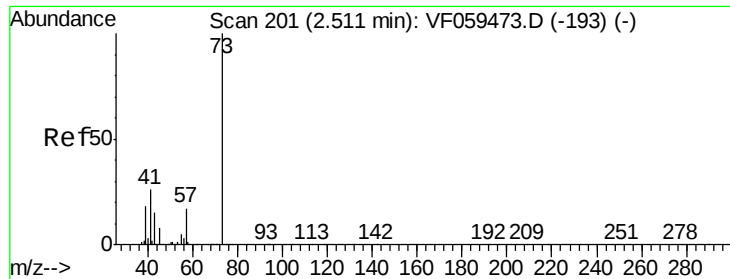
Tgt Ion: 43 Resp: 144453

Ion Ratio Lower Upper

43 100

74 15.5 10.8 16.2





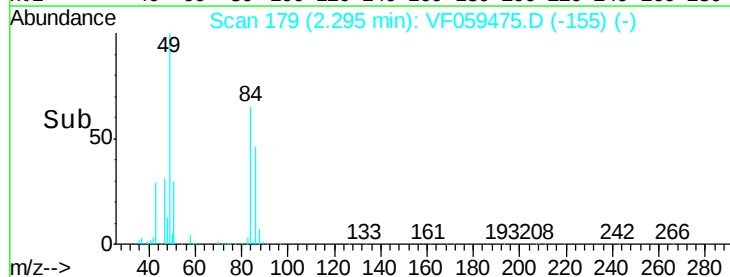
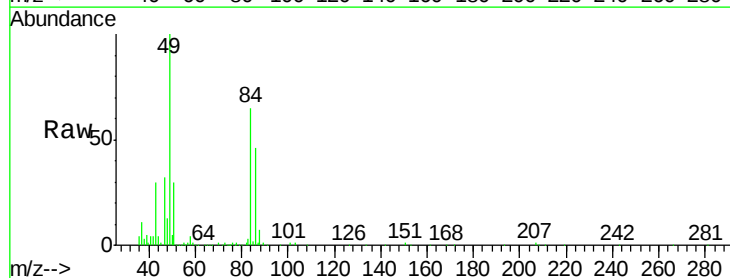
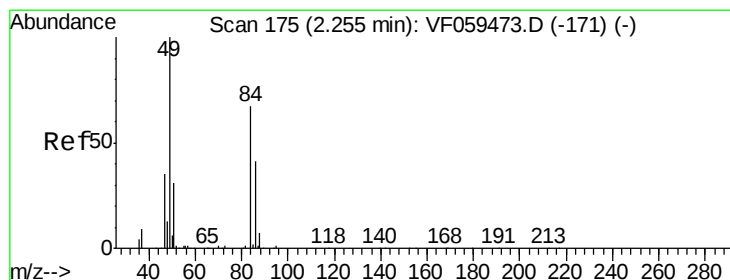
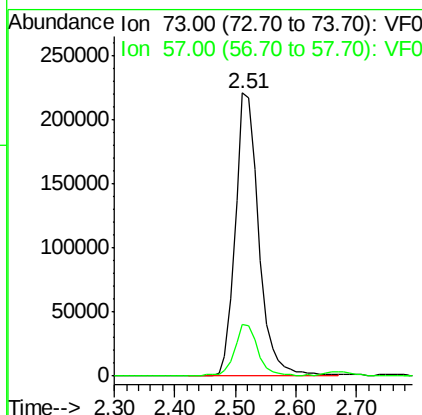
#19  
Methyl tert-butyl Ether  
Concen: 111.97 ug/l  
RT: 2.51 min Scan# 201  
Delta R.T. 0.00 min  
Lab File: VF059475.D  
Acq: 7 Jul 2018 4:22

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 18.3  | 13.7  | 20.5  |

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC100

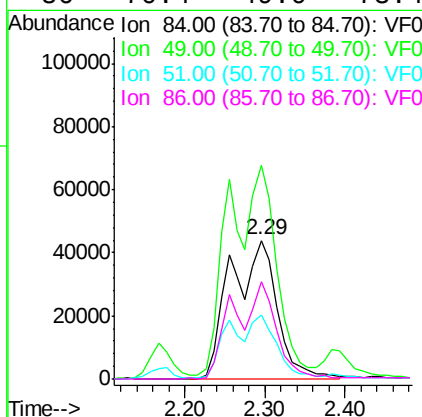
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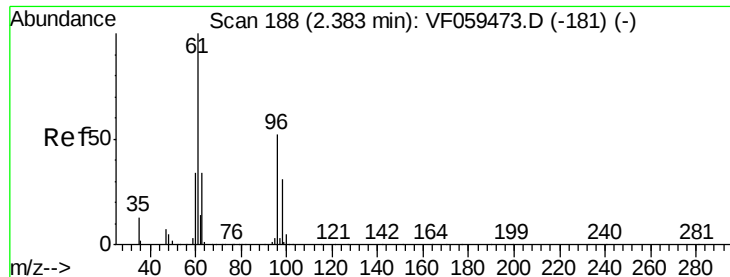
apatel  
7/9/2018 9:34:45 AM



#20  
Methylene Chloride  
Concen: 77.28 ug/l m  
RT: 2.29 min Scan# 179  
Delta R.T. 0.04 min  
Lab File: VF059475.D  
Acq: 7 Jul 2018 4:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 154.3 | 120.4 | 180.6 |
| 51      | 46.4  | 38.1  | 57.1  |
| 86      | 70.4  | 49.0  | 73.4  |





#21

trans-1,2-Dichloroethene

Concen: 124.84 ug/l

RT: 2.39 min Scan# 189

Delta R.T. 0.01 min

Lab File: VF059475.D

Acq: 7 Jul 2018 4:22

Instrument :

MSVOA\_F

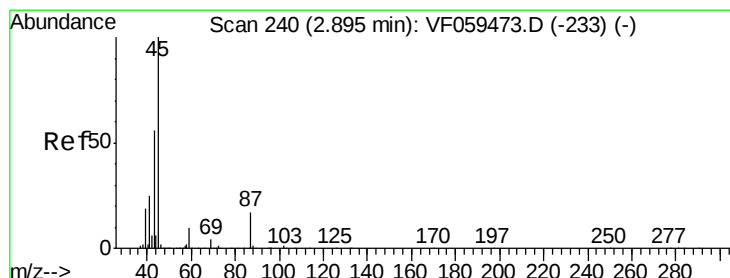
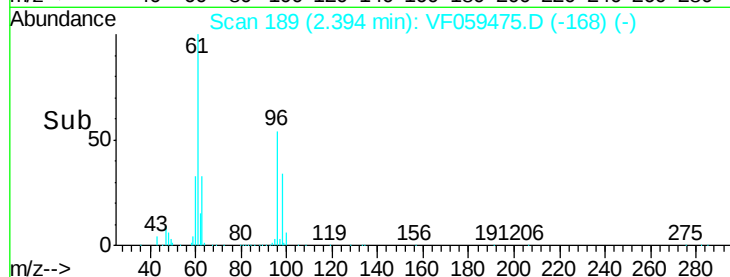
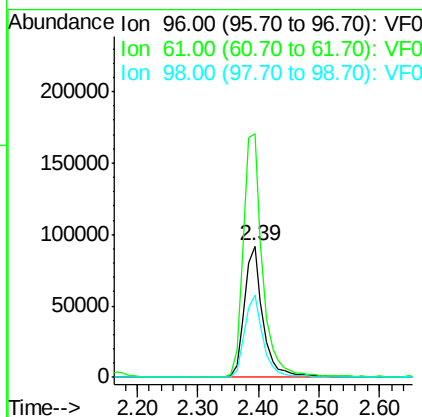
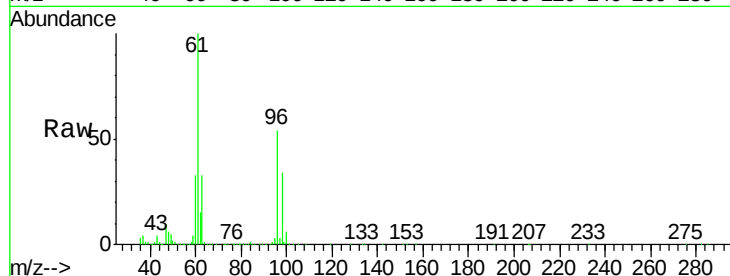
ClientSampleId :

VSTDIC100

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 96    | Resp: | 194610 |
| Ion Ratio | Lower | Upper |        |
| 96        | 100   |       |        |
| 61        | 185.5 | 154.3 | 231.5  |
| 98        | 62.8  | 48.2  | 72.4   |

Manual Integrations  
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apatel  
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#22

Diisopropyl ether

Concen: 115.94 ug/l

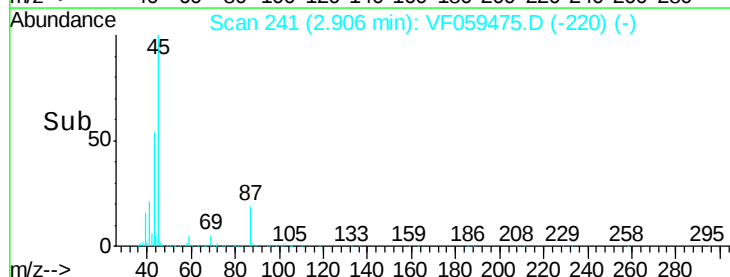
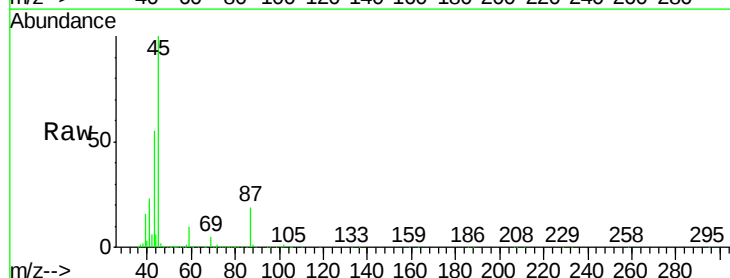
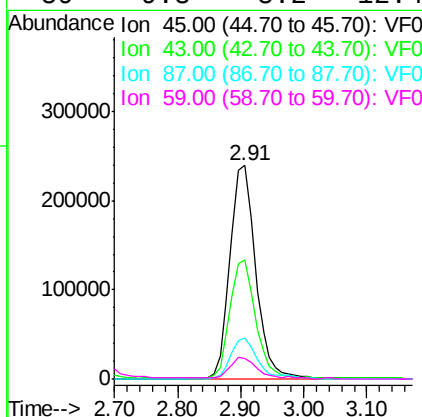
RT: 2.91 min Scan# 241

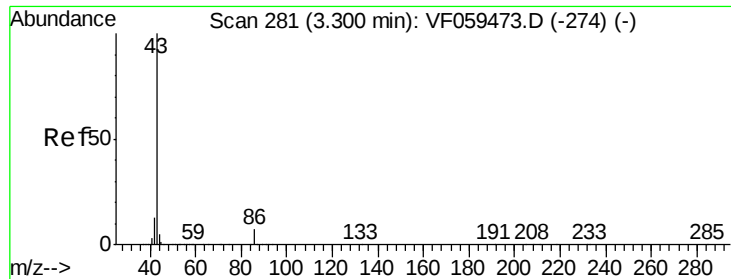
Delta R.T. 0.01 min

Lab File: VF059475.D

Acq: 7 Jul 2018 4:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 680161 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 43        | 55.5  | 45.4  | 68.2   |
| 87        | 19.2  | 13.5  | 20.3   |
| 59        | 9.8   | 8.2   | 12.4   |





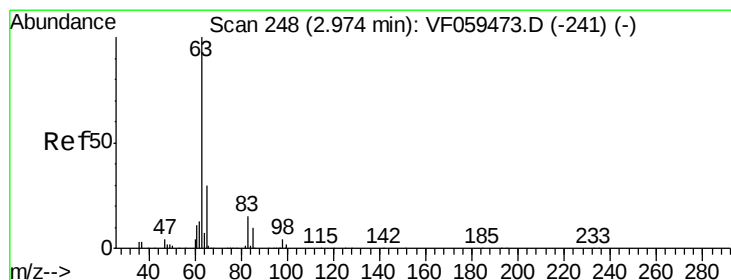
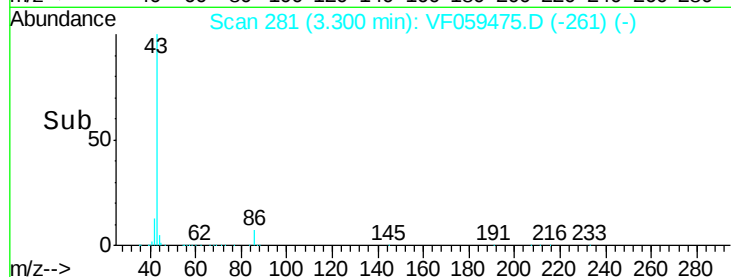
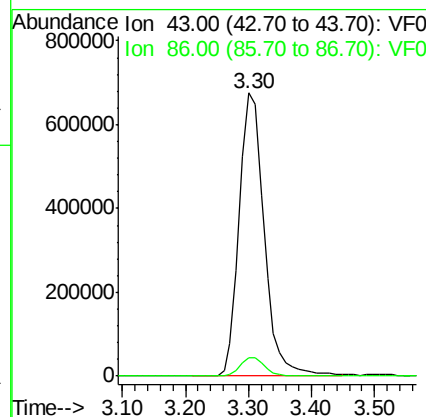
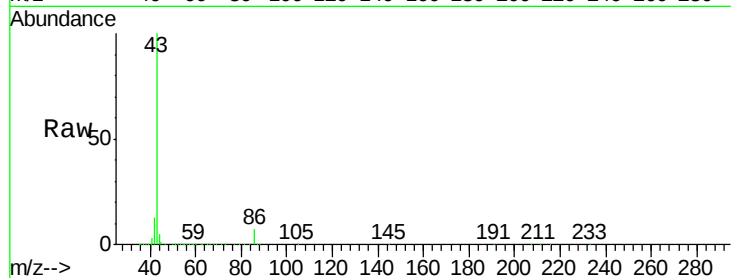
#23  
 Vinyl Acetate  
 Concen: 500.56 ug/l  
 RT: 3.30 min Scan# 281  
 Delta R.T. 0.00 min  
 Lab File: VF059475.D  
 Acq: 7 Jul 2018 4:22

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDIC100

| Tot Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 43      | 43  | 100   |       |       |
| 86      | 86  | 6.5   | 5.3   | 7.9   |

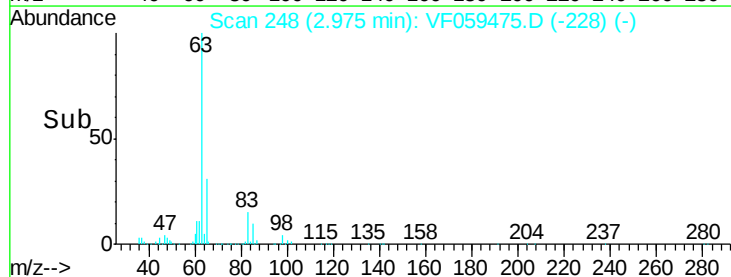
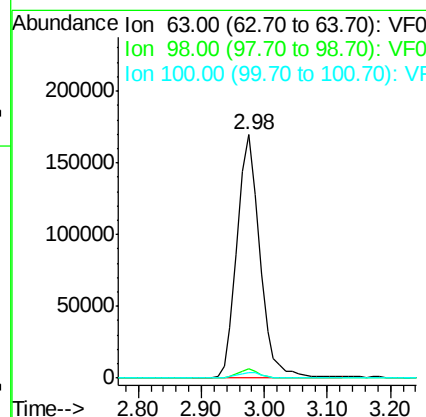
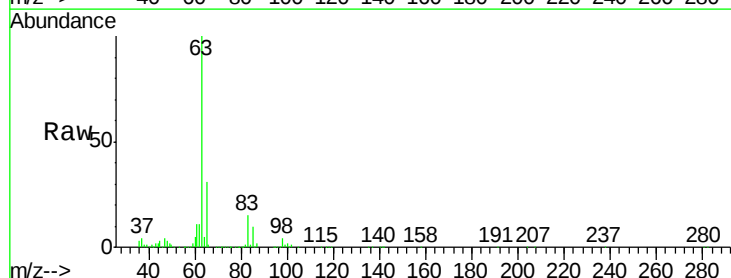
Manual Integrations  
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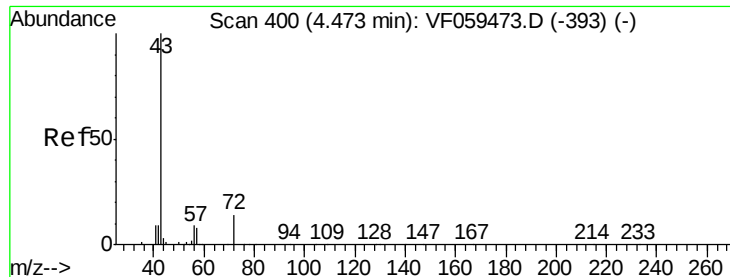
apatel  
 7/9/2018 9:34:45 AM



#24  
 1,1-Dichloroethane  
 Concen: 115.06 ug/l  
 RT: 2.98 min Scan# 248  
 Delta R.T. 0.00 min  
 Lab File: VF059475.D  
 Acq: 7 Jul 2018 4:22

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 63      | 63  | 100   |       |       |
| 98      | 98  | 3.9   | 1.8   | 5.5   |
| 100     | 100 | 2.2   | 1.1   | 3.3   |





#25

2-Butanone

Concen: 444.98 ug/l

RT: 4.47 min Scan# 400

Delta R.T. 0.00 min

Lab File: VF059475.D

Acq: 7 Jul 2018 4:22

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 432548

Ion Ratio Lower Upper

43 100

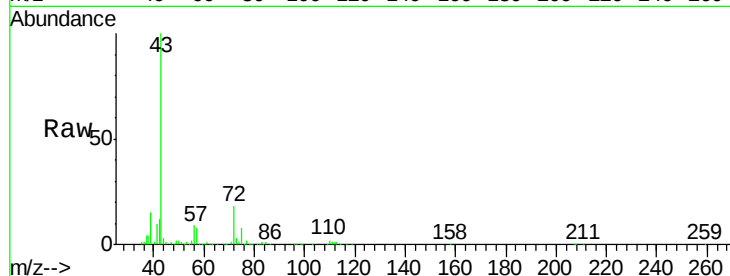
72 18.3 13.8 20.8

Manual Integrations

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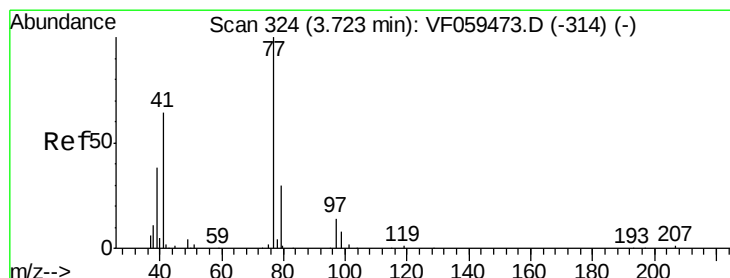
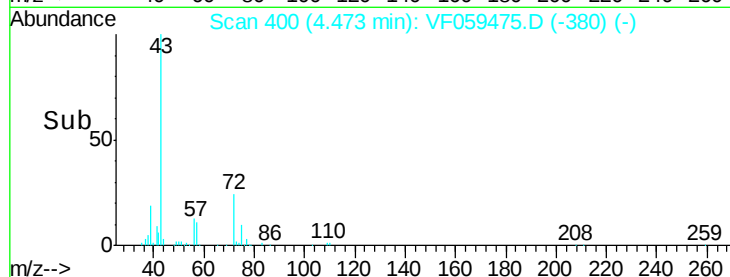
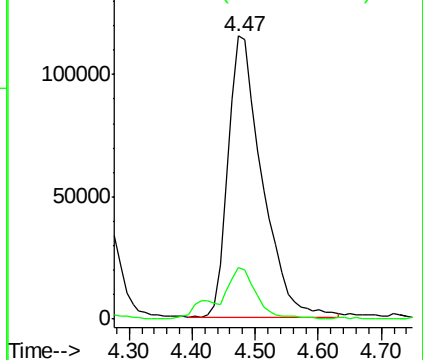
apatel

7/9/2018 9:34:45 AM



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0



#26

2,2-Dichloropropane

Concen: 95.28 ug/l

RT: 3.72 min Scan# 324

Delta R.T. 0.00 min

Lab File: VF059475.D

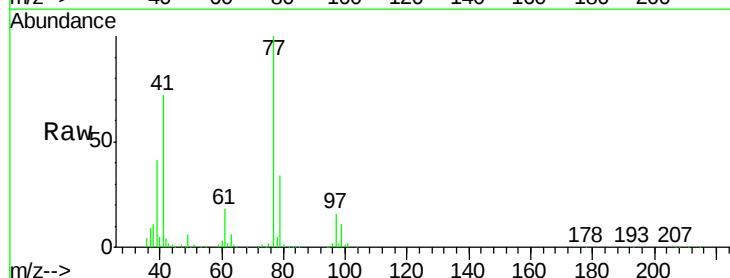
Acq: 7 Jul 2018 4:22

Tgt Ion: 77 Resp: 237049

Ion Ratio Lower Upper

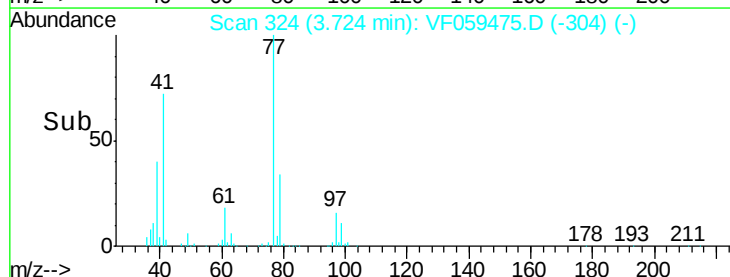
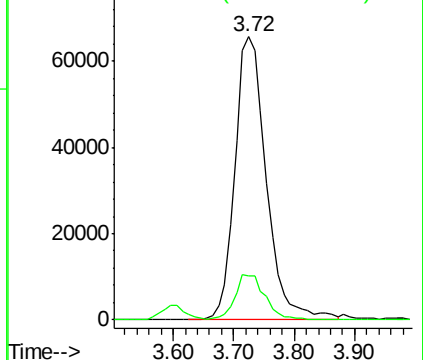
77 100

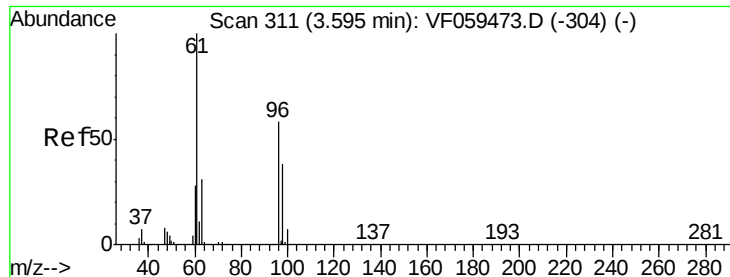
97 15.7 7.7 23.1



Abundance Ion 77.00 (76.70 to 77.70): VF0

Ion 97.00 (96.70 to 97.70): VF0





#27

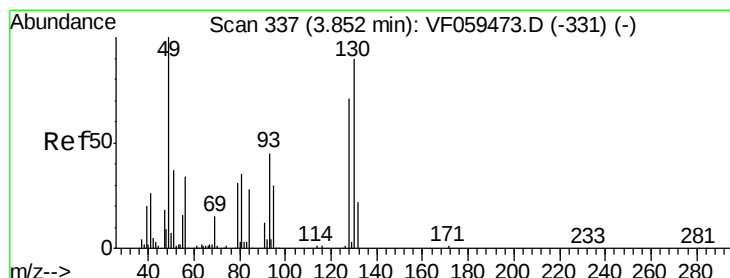
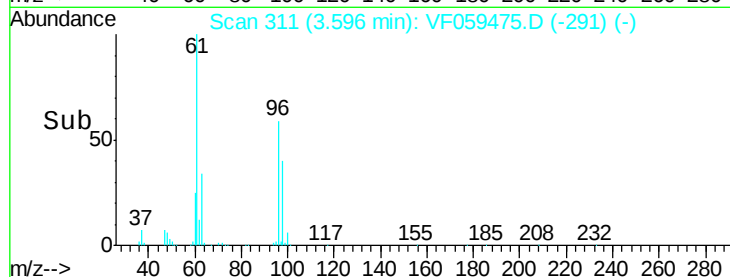
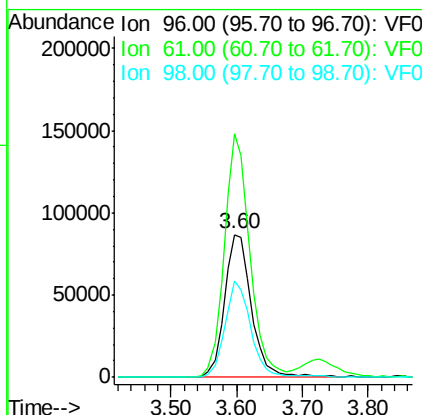
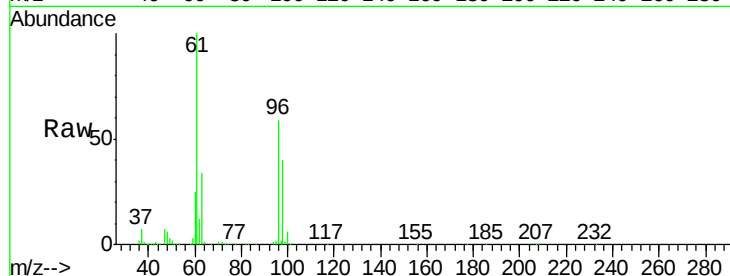
cis-1,2-Dichloroethene  
Concen: 108.79 ug/l  
RT: 3.60 min Scan# 311  
Delta R.T. 0.00 min  
Lab File: VF059475.D  
Acq: 7 Jul 2018 4:22

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC100

| Tot Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 96      | 100   |       |       |       |       |
| 61      | 170.7 | 0.0   | 342.0 |       |       |
| 98      | 67.8  | 0.0   | 130.0 |       |       |

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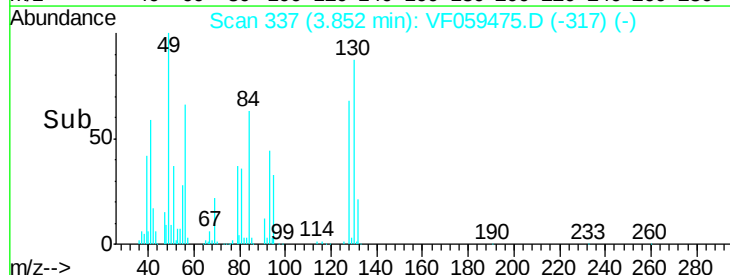
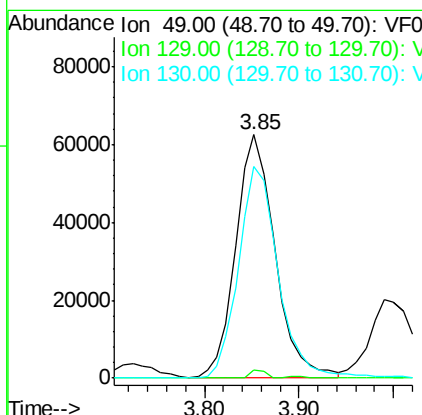
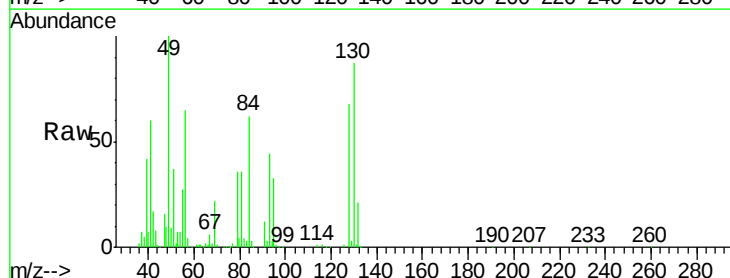
apatel  
7/9/2018 9:34:45 AM

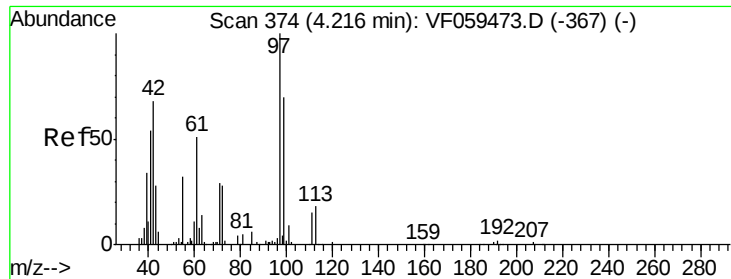


#28

Bromochloromethane  
Concen: 110.76 ug/l  
RT: 3.85 min Scan# 337  
Delta R.T. 0.00 min  
Lab File: VF059475.D  
Acq: 7 Jul 2018 4:22

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 49      | 100  |       |       |       |       |
| 129     | 3.4  | 0.0   | 6.2   |       |       |
| 130     | 86.8 | 71.4  | 107.0 |       |       |





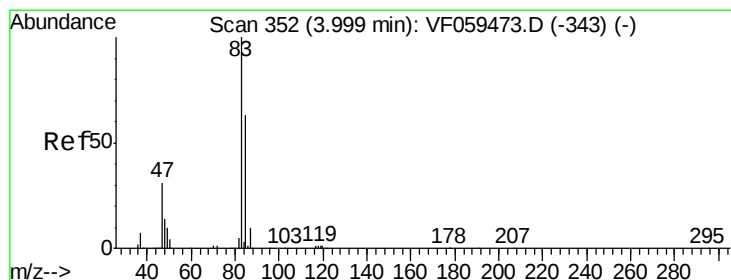
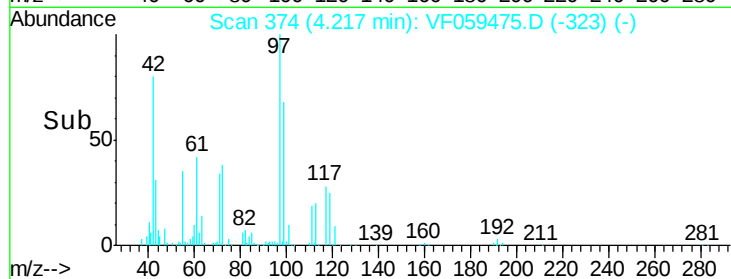
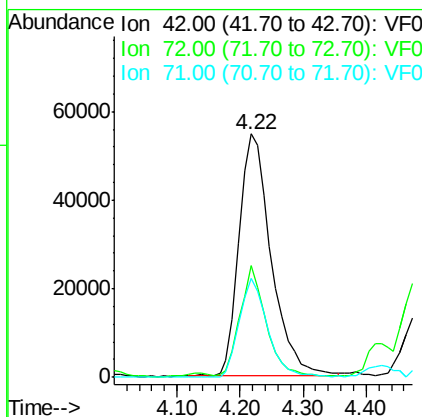
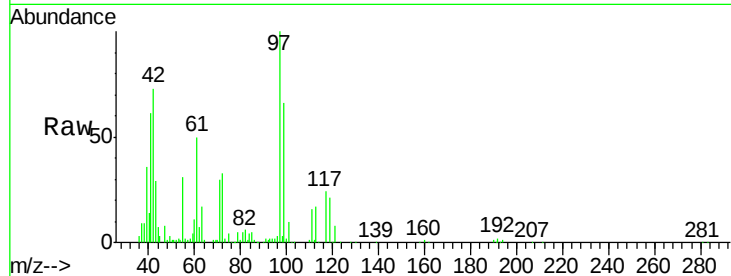
#29  
Tetrahydrofuran  
Concen: 453.41 ug/l  
RT: 4.22 min Scan# 374  
Delta R.T. 0.00 min  
Lab File: VF059475.D  
Acq: 7 Jul 2018 4:22

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 36.9  | 29.2  | 43.8  |
| 71      | 36.2  | 30.1  | 45.1  |

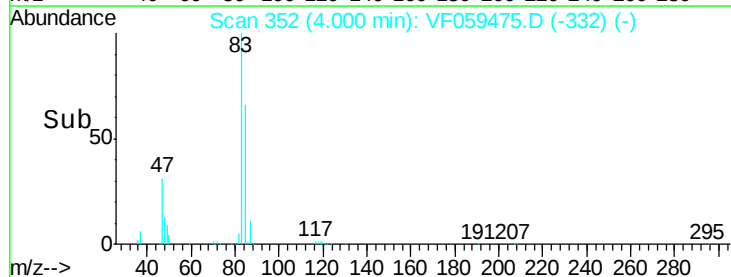
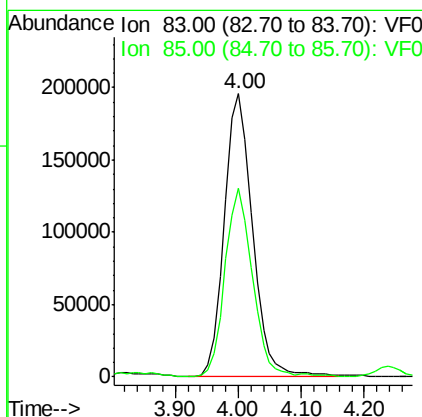
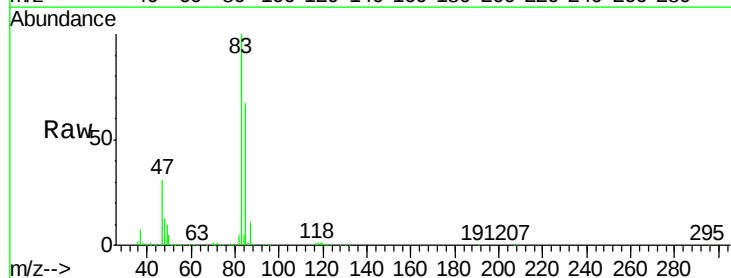
Manual Integrations  
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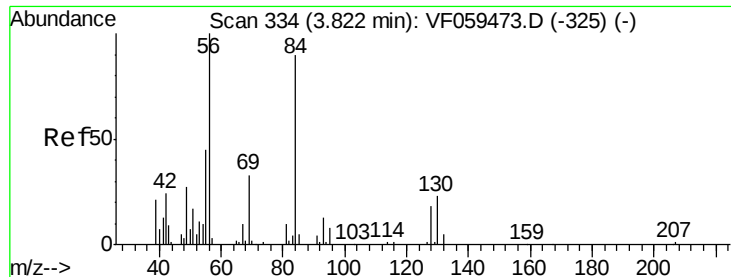
apatel  
7/9/2018 9:34:45 AM



#30  
Chloroform  
Concen: 113.22 ug/l  
RT: 4.00 min Scan# 352  
Delta R.T. 0.00 min  
Lab File: VF059475.D  
Acq: 7 Jul 2018 4:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 66.6  | 50.3  | 75.5  |





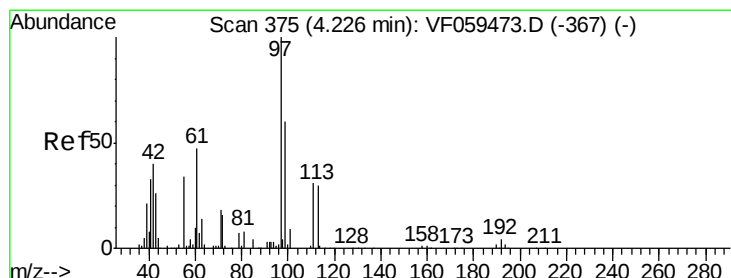
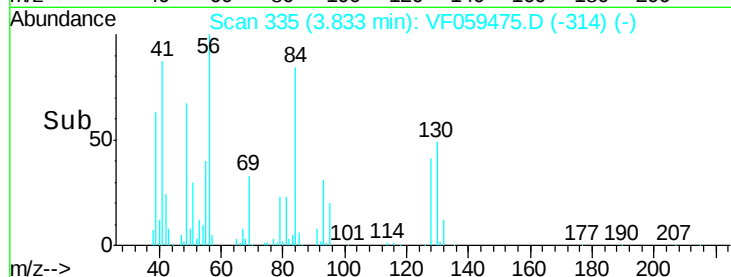
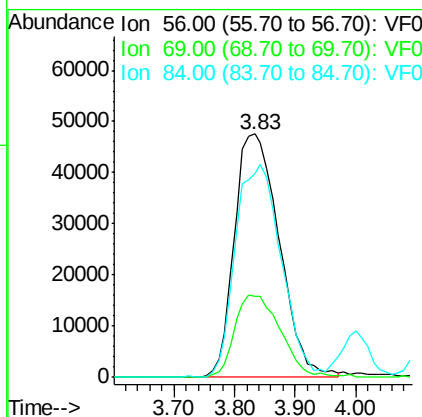
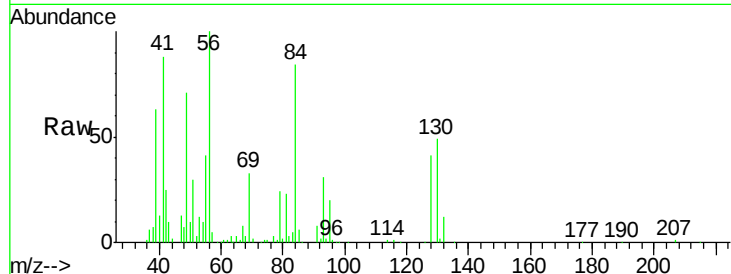
#31  
Cvclohexane  
Concen: 102.11 ug/l  
RT: 3.83 min Scan# 335  
Delta R.T. 0.01 min  
Lab File: VF059475.D  
Acq: 7 Jul 2018 4:22

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 33.1  | 26.2  | 39.2  |
| 84      | 83.9  | 72.3  | 108.5 |

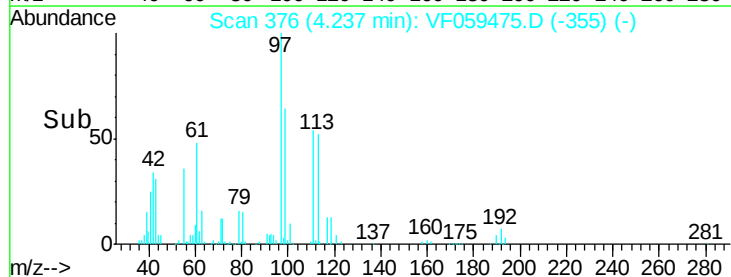
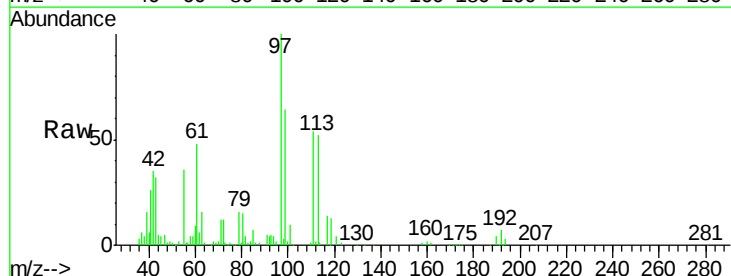
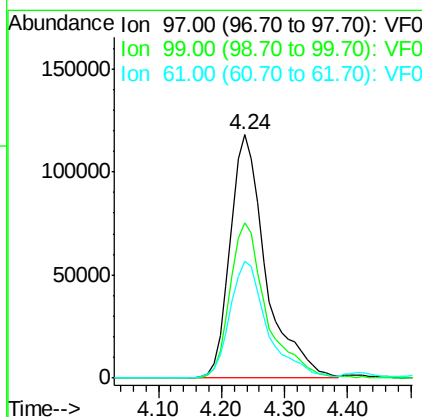
Manual Integrations  
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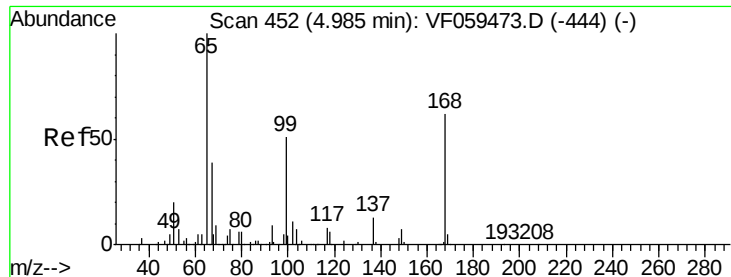
apatel  
7/9/2018 9:34:45 AM



#32  
1,1,1-Trichloroethane  
Concen: 116.87 ug/l  
RT: 4.24 min Scan# 376  
Delta R.T. 0.01 min  
Lab File: VF059475.D  
Acq: 7 Jul 2018 4:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 63.9  | 47.8  | 71.6  |
| 61      | 48.3  | 37.9  | 56.9  |





#33

1,2-Dichloroethane-d4

Concen: 127.87 ug/l

RT: 4.99 min Scan# 452

Delta R.T. 0.00 min

Lab File: VF059475.D

Acq: 7 Jul 2018 4:22

Tot Ion: 65 Resp: 419374

Ion Ratio Lower Upper

65 100

67 43.2 0.0 88.6

Instrument :

MSVOA\_F

ClientSampleId :

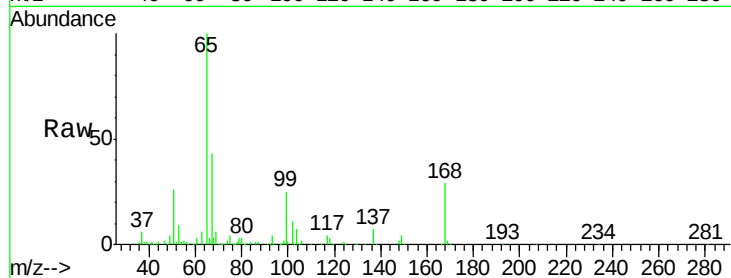
VSTDIC100

Manual Integrations

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Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

150000

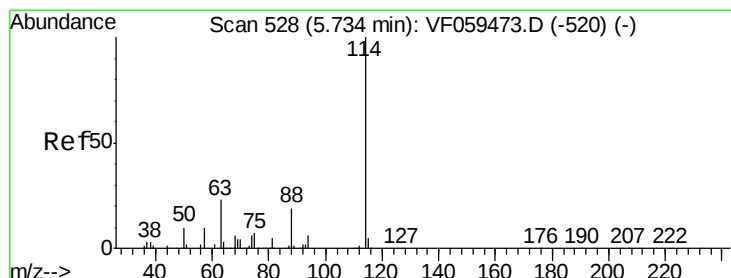
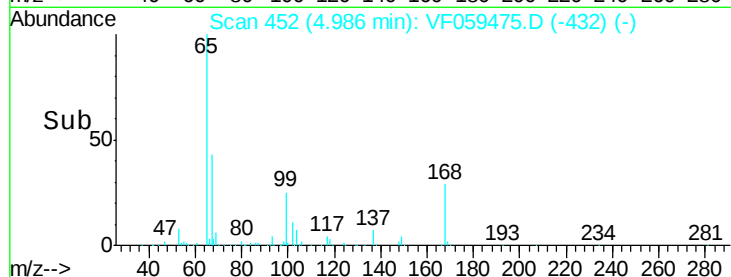
100000

50000

0

4.90 5.00 5.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.74 min Scan# 528

Delta R.T. 0.00 min

Lab File: VF059475.D

Acq: 7 Jul 2018 4:22

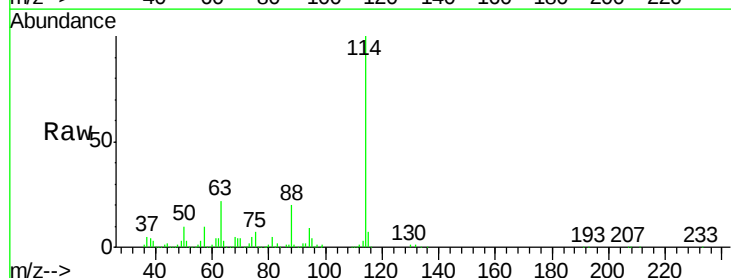
Tgt Ion: 114 Resp: 362690

Ion Ratio Lower Upper

114 100

63 22.2 0.0 47.2

88 20.2 0.0 38.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

150000

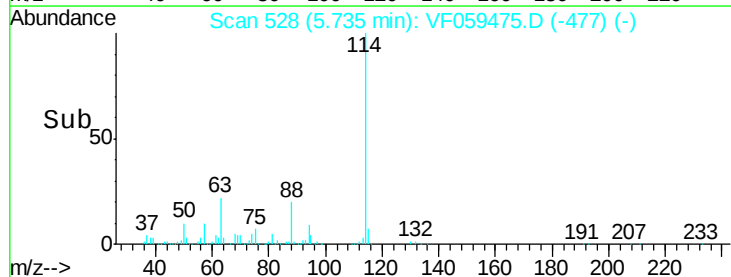
100000

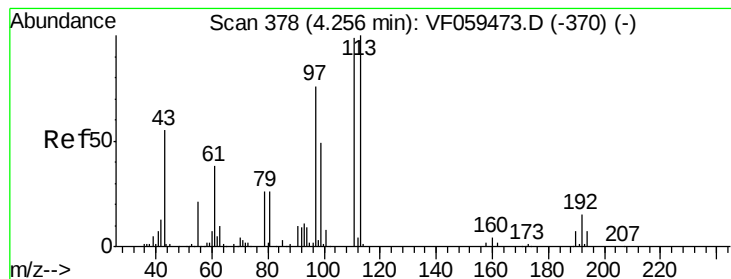
50000

0

5.60 5.70 5.80 5.90

Time-->





#35

Dibromofluoromethane

Concen: 120.49 ug/l

RT: 4.26 min Scan# 378

Delta R.T. 0.00 min

Lab File: VF059475.D

Acq: 7 Jul 2018 4:22

Instrument :

MSVOA\_F

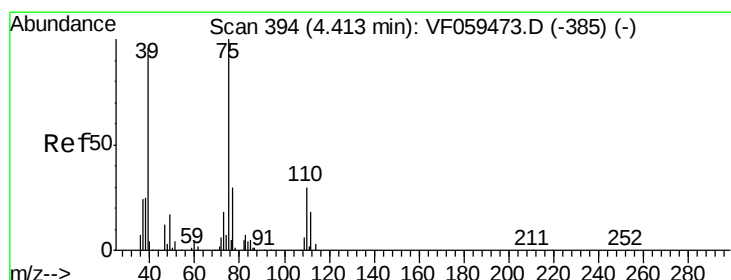
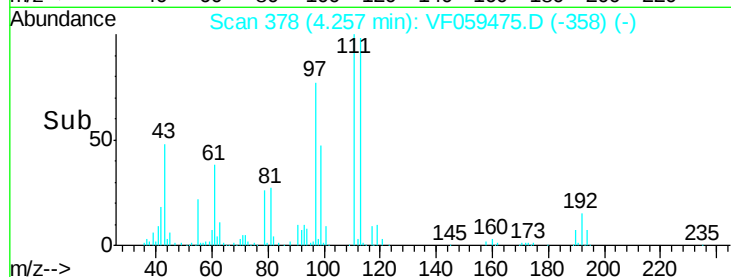
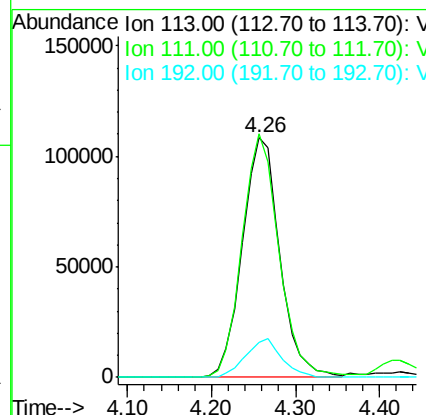
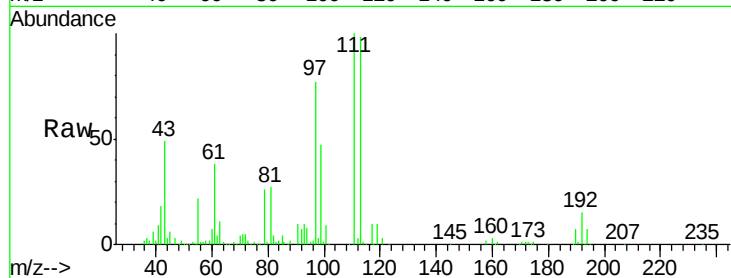
ClientSampleId :

VSTDIC100

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 336971 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 101.6 | 79.3  | 118.9  |
| 192       | 14.9  | 12.0  | 18.0   |

Manual Integrations  
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apatel  
7/9/2018 9:34:45 AM



#36

1,1-Dichloropropene

Concen: 116.67 ug/l

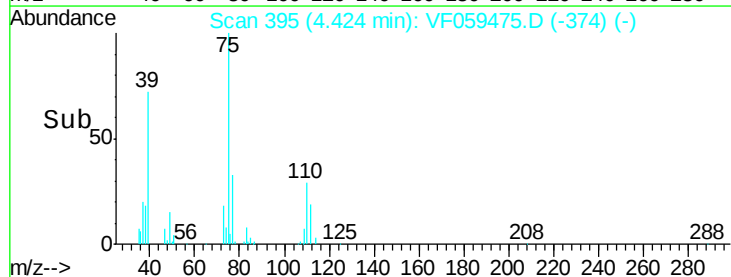
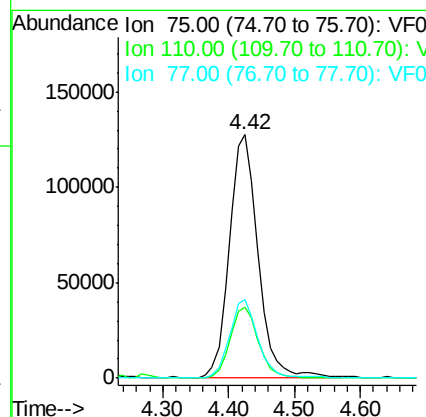
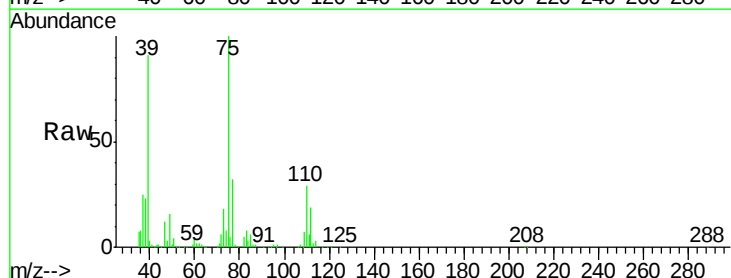
RT: 4.42 min Scan# 395

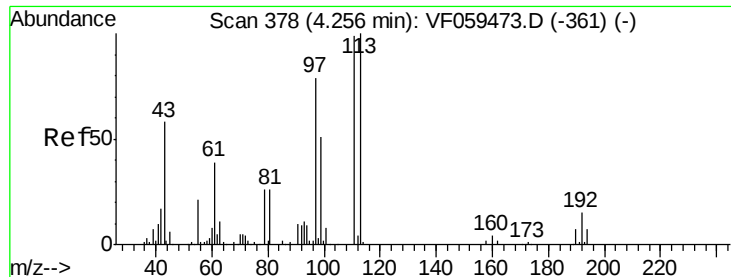
Delta R.T. 0.01 min

Lab File: VF059475.D

Acq: 7 Jul 2018 4:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 386252 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 28.9  | 15.2  | 45.5   |
| 77        | 32.2  | 24.2  | 36.2   |





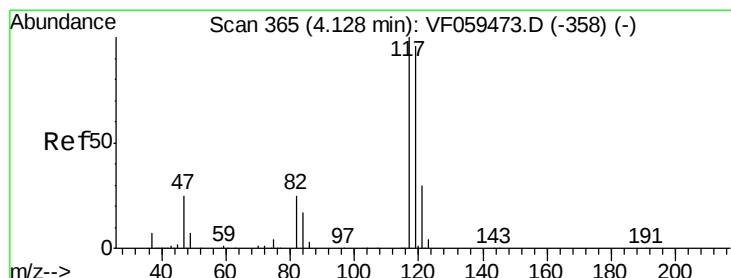
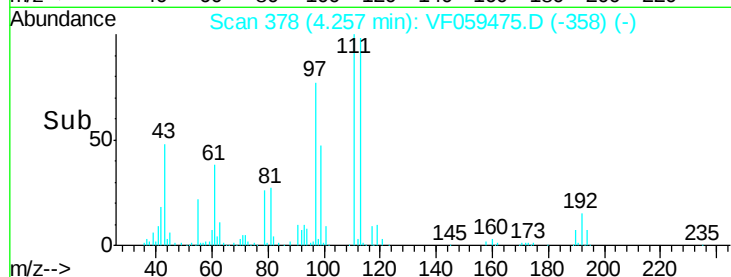
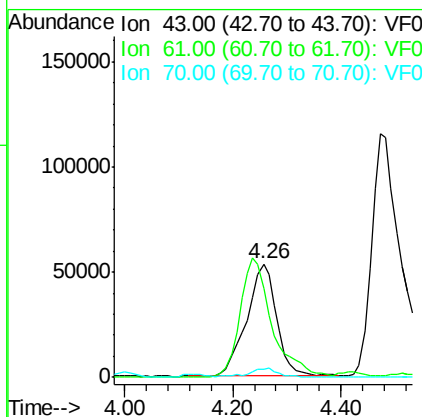
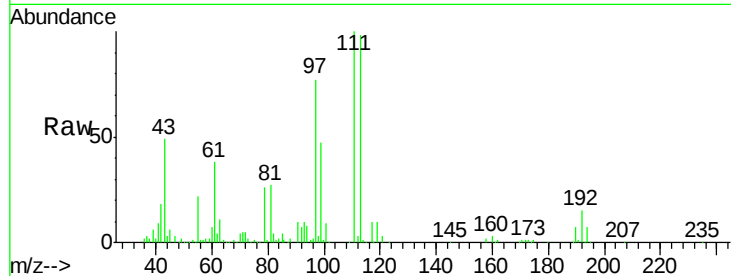
#37  
Ethyl Acetate  
Concen: 91.79 ug/l  
RT: 4.26 min Scan# 378  
Delta R.T. 0.00 min  
Lab File: VF059475.D  
Acq: 7 Jul 2018 4:22

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 77.9  | 54.2  | 81.4  |
| 70      | 7.2   | 7.0   | 10.6  |

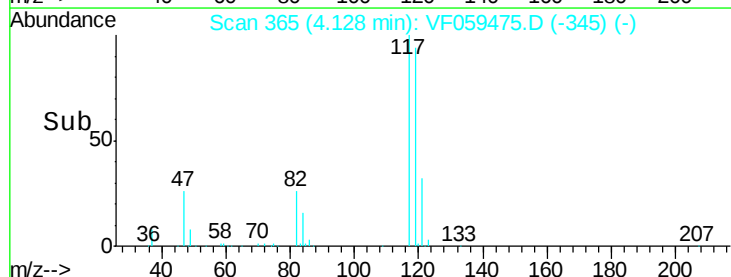
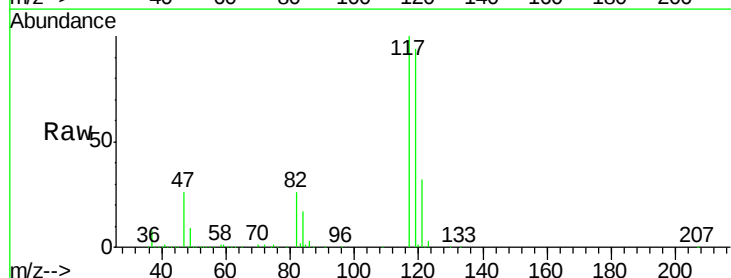
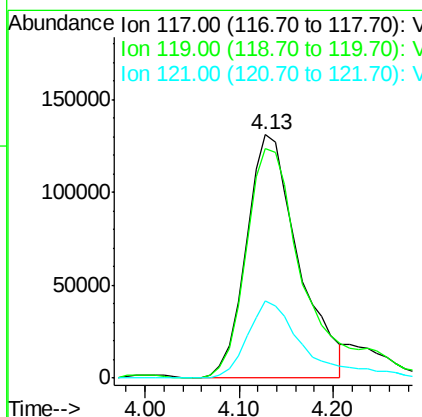
Manual Integrations  
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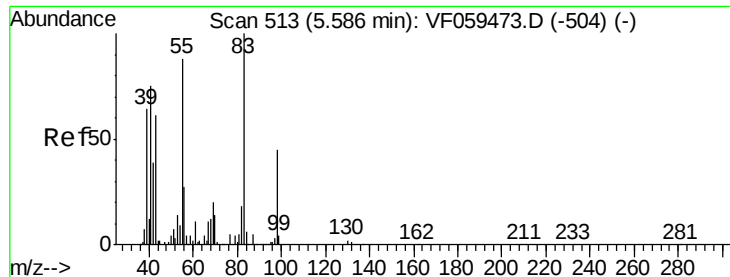
apatel  
7/9/2018 9:34:45 AM



#38  
Carbon Tetrachloride  
Concen: 119.01 ug/l m  
RT: 4.13 min Scan# 365  
Delta R.T. 0.00 min  
Lab File: VF059475.D  
Acq: 7 Jul 2018 4:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 94.3  | 76.5  | 114.7 |
| 121     | 31.6  | 23.6  | 35.4  |





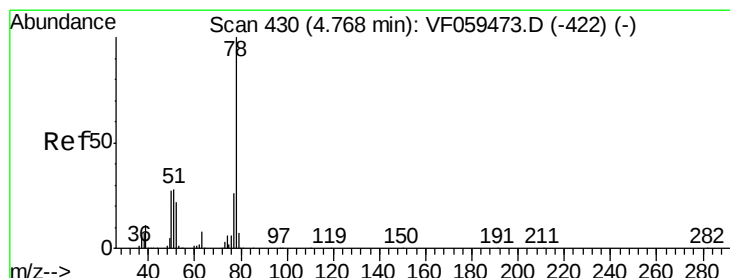
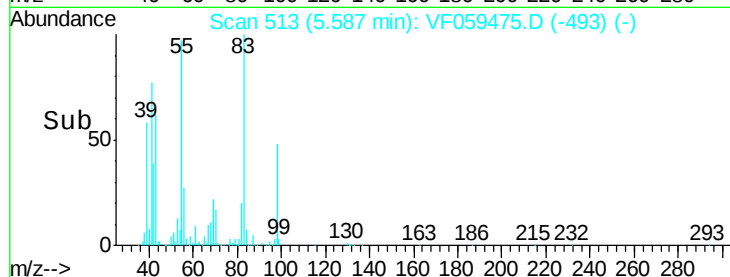
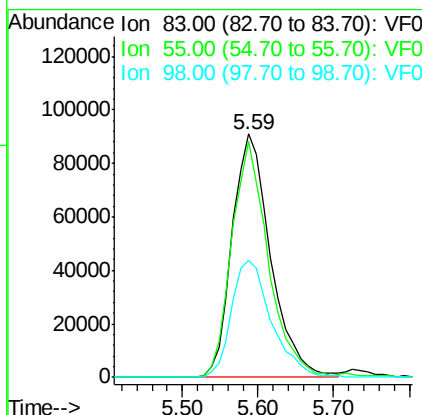
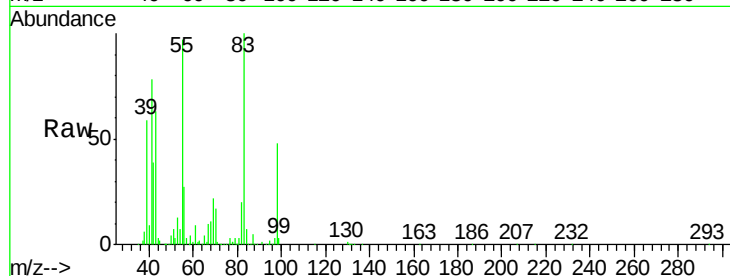
#39  
Methvlcvclohexane  
Concen: 109.44 ug/l  
RT: 5.59 min Scan# 513  
Delta R.T. 0.00 min  
Lab File: VF059475.D  
Acq: 7 Jul 2018 4:22

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 96.9  | 70.6  | 105.8 |
| 98      | 48.3  | 36.3  | 54.5  |

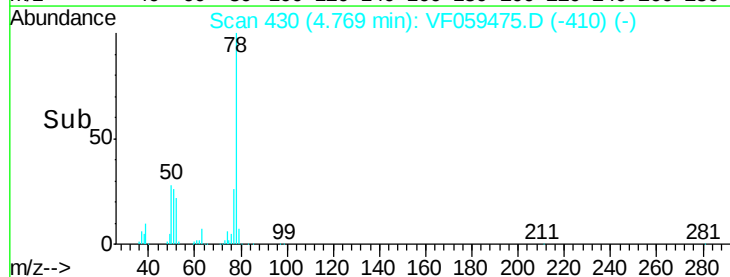
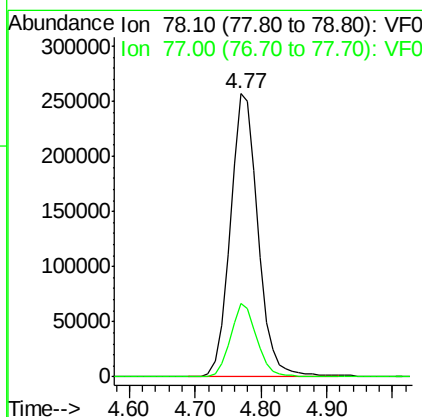
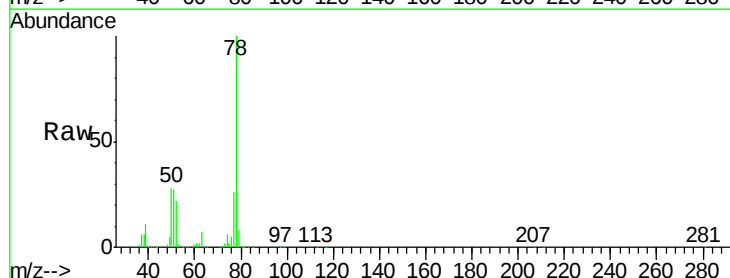
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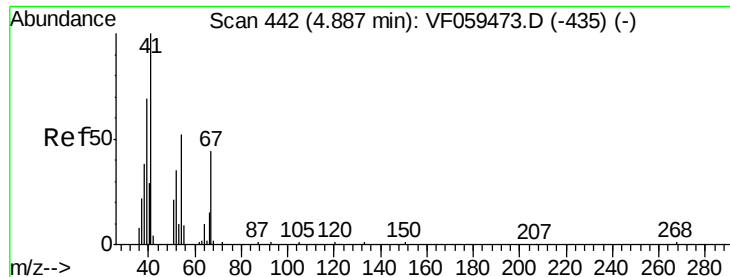
apatel  
7/9/2018 9:34:45 AM



#40  
Benzene  
Concen: 106.56 ug/l  
RT: 4.77 min Scan# 430  
Delta R.T. 0.00 min  
Lab File: VF059475.D  
Acq: 7 Jul 2018 4:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 25.9  | 20.8  | 31.2  |





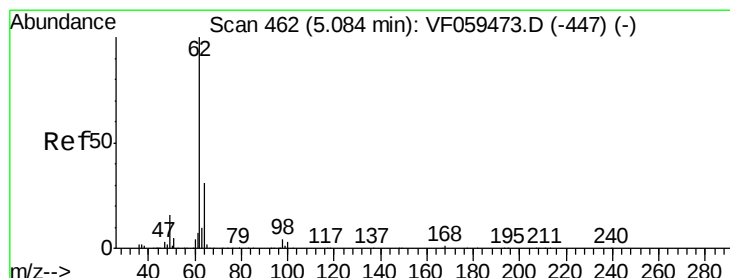
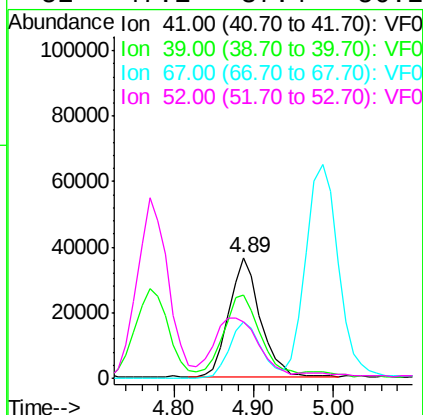
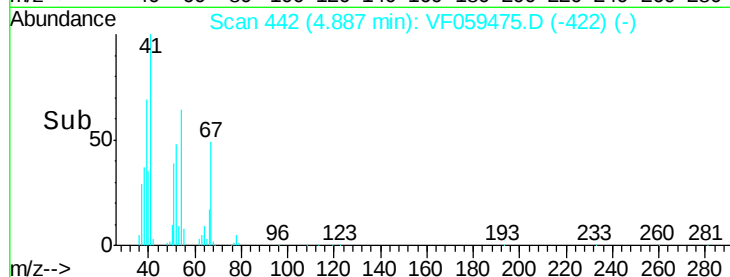
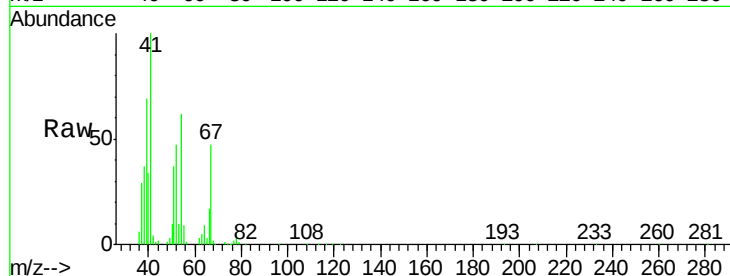
#41  
Methacrylonitrile  
Concen: 93.56 ug/l  
RT: 4.89 min Scan# 442  
Delta R.T. 0.00 min  
Lab File: VF059475.D  
Acq: 7 Jul 2018 4:22

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDICC100

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 68.7 | 61.7  | 92.5  |       |
| 67      | 47.1 | 35.4  | 53.2  |       |
| 52      | 47.1 | 37.4  | 56.2  |       |

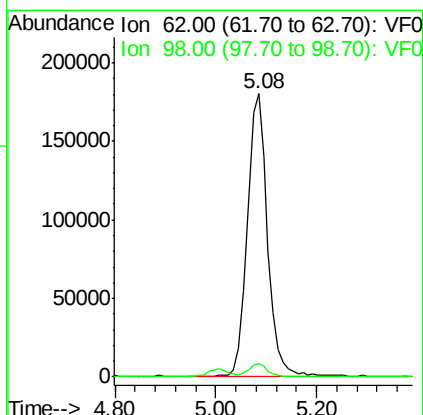
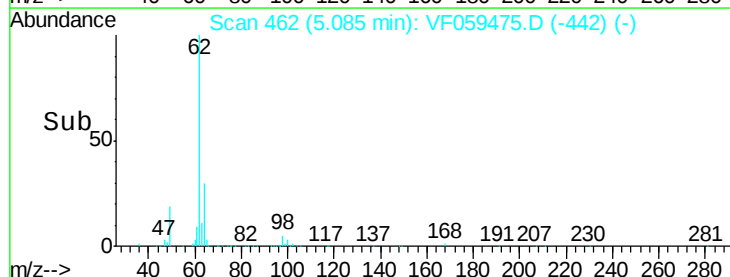
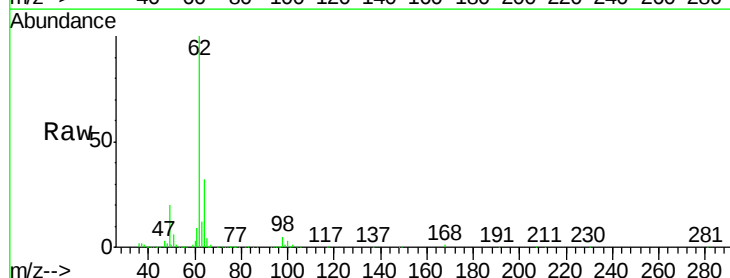
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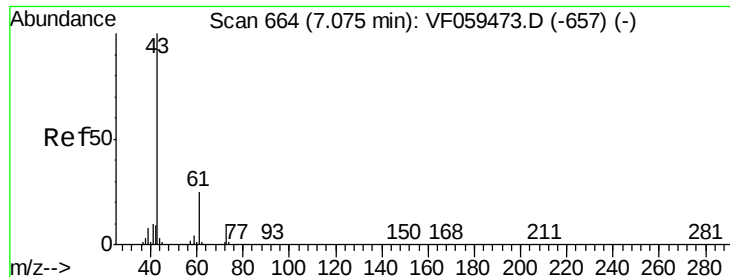
apatel  
7/9/2018 9:34:45 AM



#42  
1,2-Dichloroethane  
Concen: 115.52 ug/l  
RT: 5.08 min Scan# 462  
Delta R.T. 0.00 min  
Lab File: VF059475.D  
Acq: 7 Jul 2018 4:22

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 62      | 100 |       |       |       |
| 98      | 4.5 | 0.0   | 7.6   |       |





#43

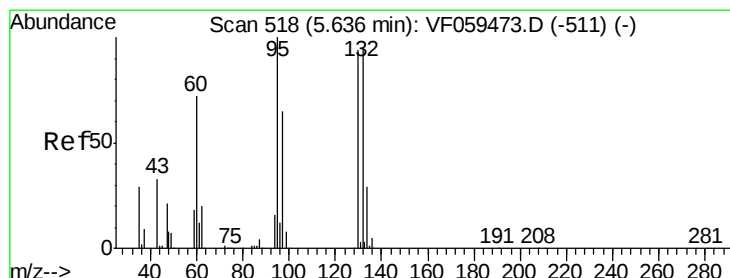
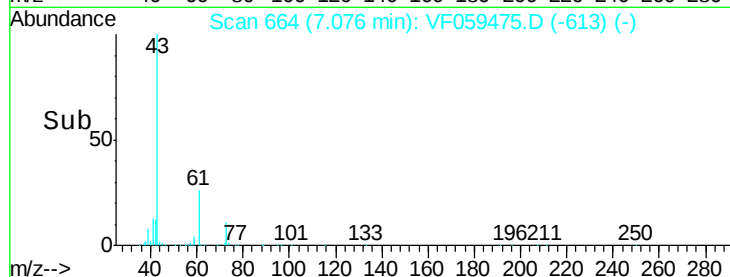
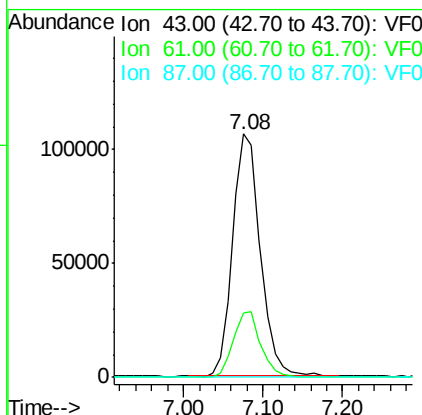
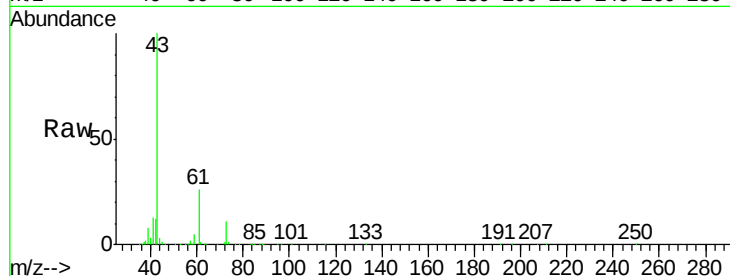
Isopropyl Acetate  
 Concen: 98.25 ug/l  
 RT: 7.08 min Scan# 664  
 Delta R.T. 0.00 min  
 Lab File: VF059475.D  
 Acq: 7 Jul 2018 4:22

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDIC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 26.2  | 20.3  | 30.5  |
| 87      | 0.4   | 0.3   | 0.5   |

Manual Integrations  
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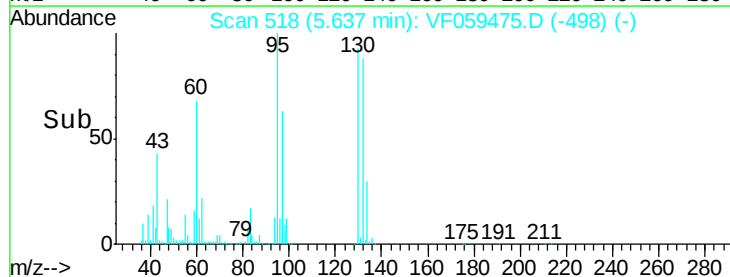
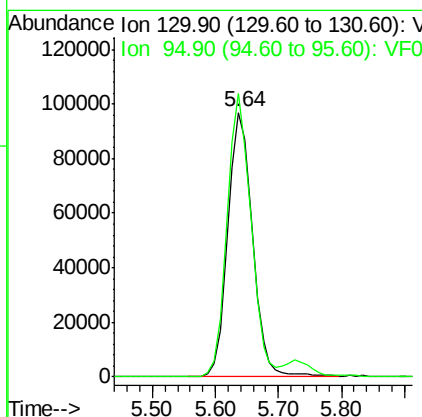
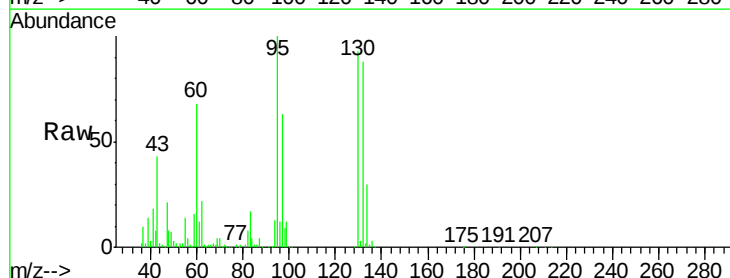
apatel  
 7/9/2018 9:34:45 AM

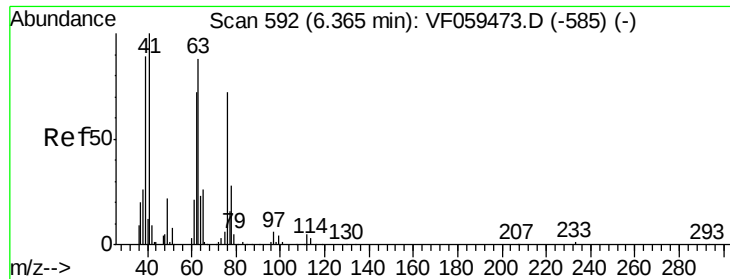


#44

Trichloroethene  
 Concen: 104.67 ug/l  
 RT: 5.64 min Scan# 518  
 Delta R.T. 0.00 min  
 Lab File: VF059475.D  
 Acq: 7 Jul 2018 4:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 107.0 | 0.0   | 214.6 |





#45

1,2-Dichloropropane

Concen: 105.09 ug/l

RT: 6.37 min Scan# 592

Delta R.T. 0.00 min

Lab File: VF059475.D

Acq: 7 Jul 2018 4:22

Tot Ion: 63 Resp: 213160

Ion Ratio Lower Upper

63 100

65 30.8 23.5 35.3

Instrument :

MSVOA\_F

ClientSampleId :

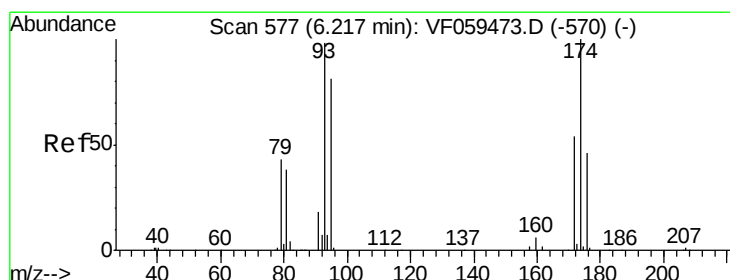
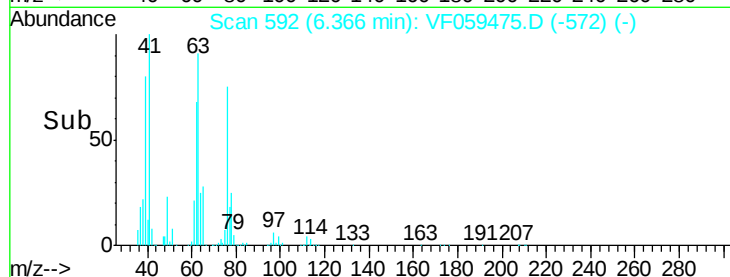
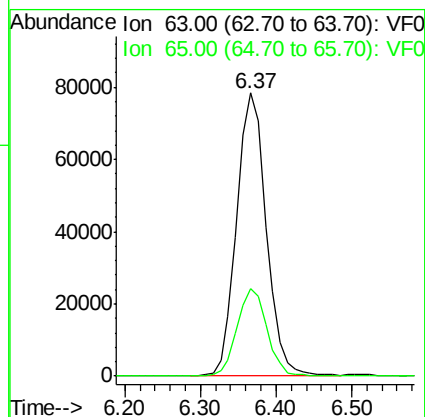
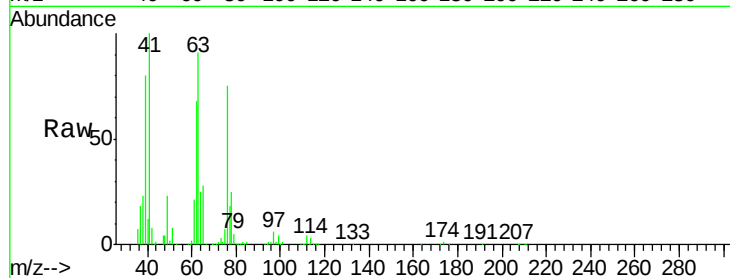
VSTDIC100

Manual Integrations

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#46

Dibromomethane

Concen: 109.93 ug/l

RT: 6.22 min Scan# 577

Delta R.T. 0.00 min

Lab File: VF059475.D

Acq: 7 Jul 2018 4:22

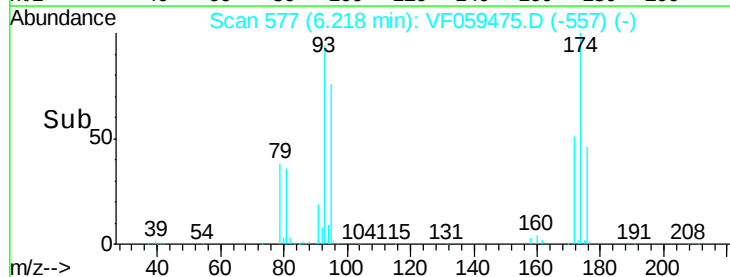
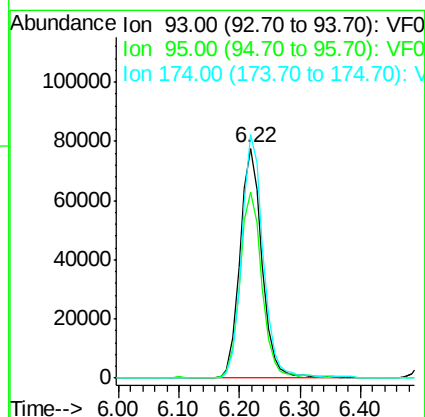
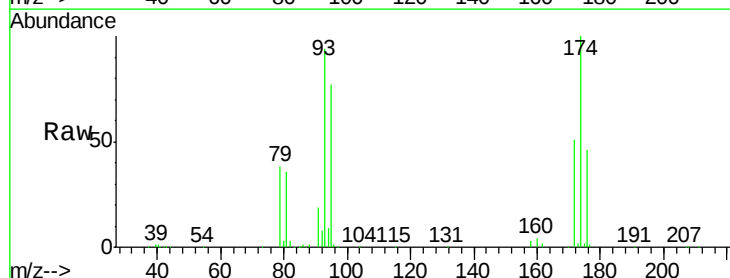
Tgt Ion: 93 Resp: 196450

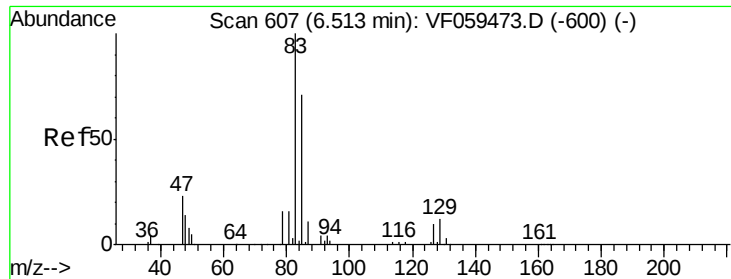
Ion Ratio Lower Upper

93 100

95 81.2 65.9 98.9

174 106.0 83.2 124.8





#47

Bromodichloromethane

Concen: 109.66 ug/l

RT: 6.51 min Scan# 607

Delta R.T. 0.00 min

Lab File: VF059475.D

Acq: 7 Jul 2018 4:22

Instrument :

MSVOA\_F

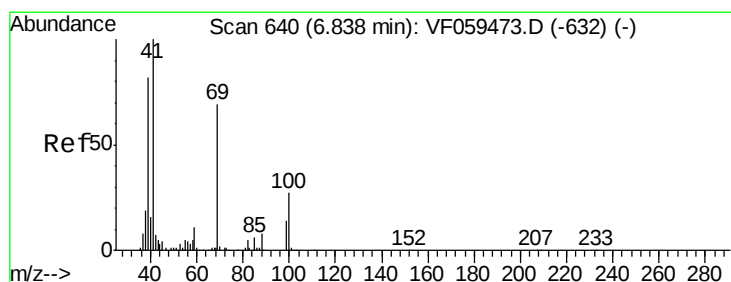
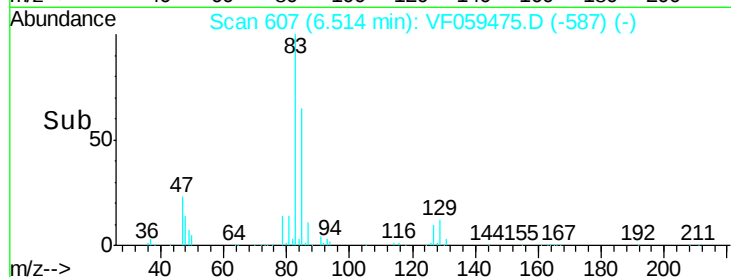
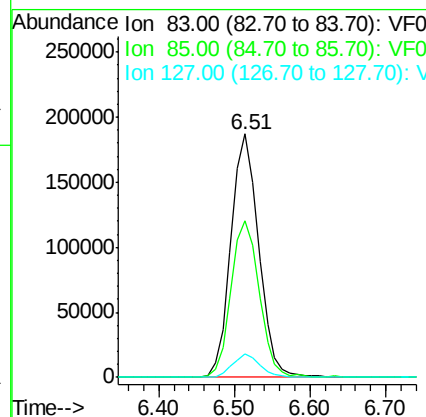
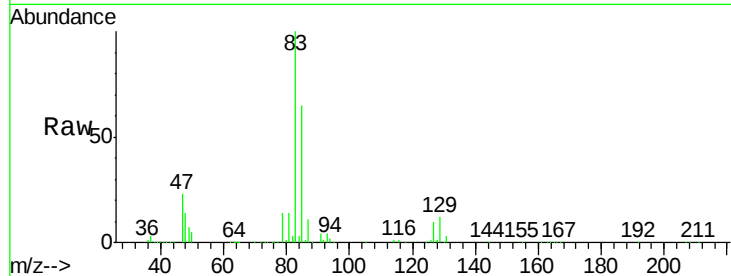
ClientSampleId :

VSTDIC100

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 477168 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 64.6  | 56.6  | 84.8   |
| 127       | 9.7   | 8.1   | 12.1   |

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apatel  
7/9/2018 9:34:45 AM



#48

Methyl methacrylate

Concen: 109.82 ug/l

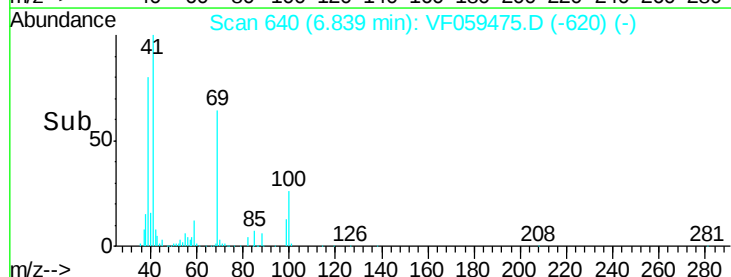
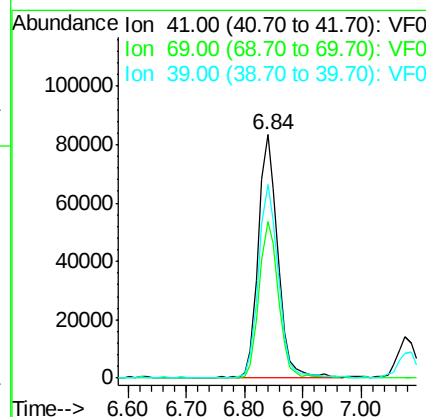
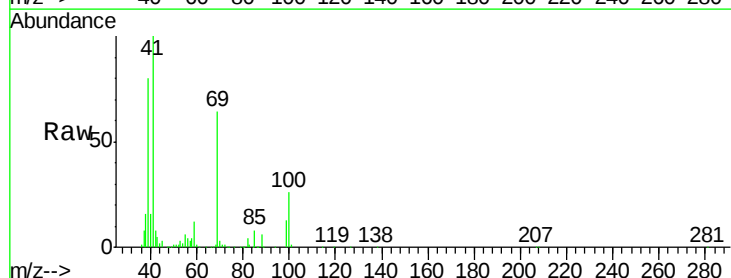
RT: 6.84 min Scan# 640

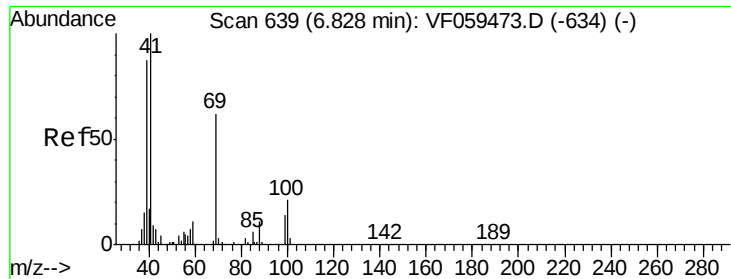
Delta R.T. 0.00 min

Lab File: VF059475.D

Acq: 7 Jul 2018 4:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 196596 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 64.4  | 55.6  | 83.4   |
| 39        | 79.8  | 66.0  | 99.0   |





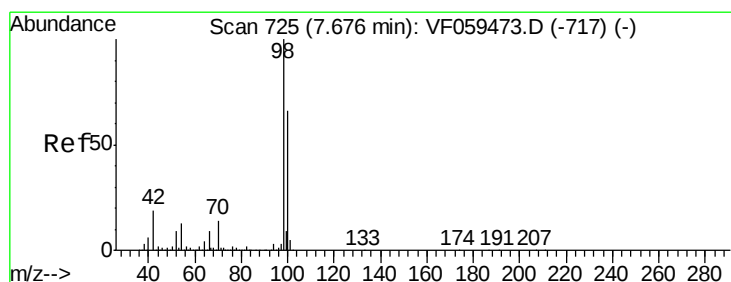
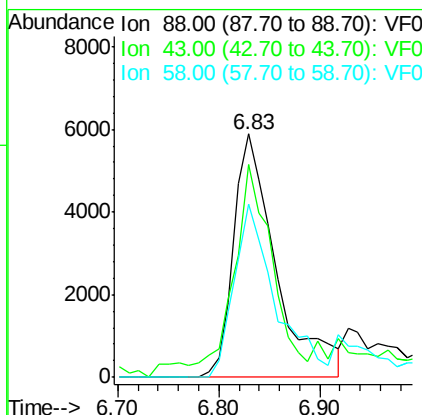
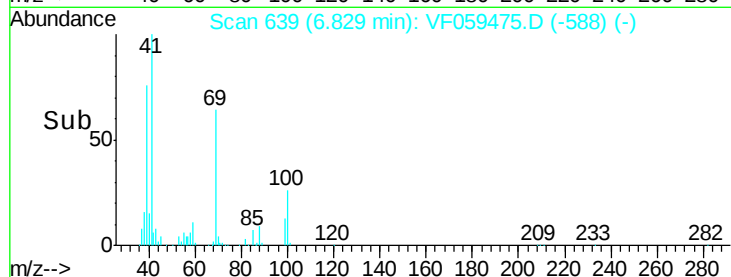
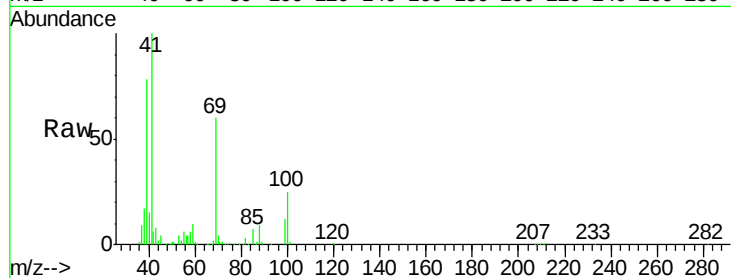
#49  
1,4-Dioxane  
Concen: 1608.88 ug/l  
RT: 6.83 min Scan# 639  
Delta R.T. 0.00 min  
Lab File: VF059475.D  
Acq: 7 Jul 2018 4:22

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 87.3  | 57.3  | 85.9# |
| 58      | 71.2  | 54.6  | 81.8  |

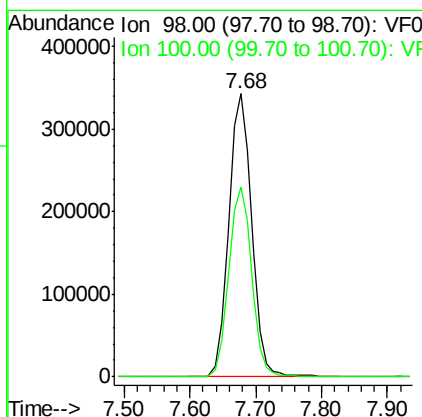
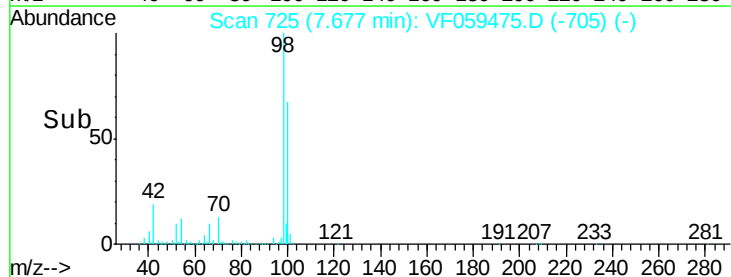
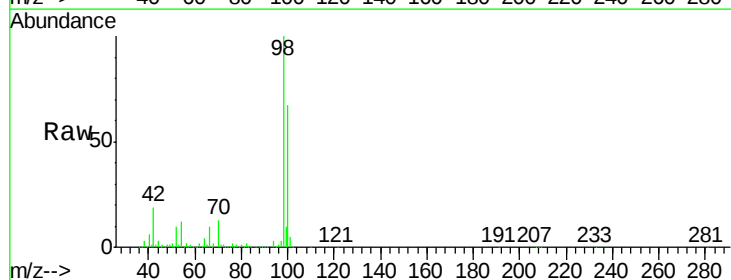
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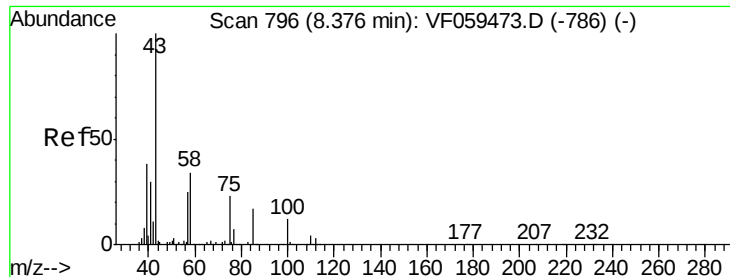
apatel  
7/9/2018 9:34:45 AM



#50  
Toluene-d8  
Concen: 122.41 ug/l  
RT: 7.68 min Scan# 725  
Delta R.T. 0.00 min  
Lab File: VF059475.D  
Acq: 7 Jul 2018 4:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 67.1  | 52.6  | 78.8  |





#51

4-Methyl-2-Pentanone

Concen: 459.56 ug/l

RT: 8.38 min Scan# 796

Delta R.T. 0.00 min

Lab File: VF059475.D

Acq: 7 Jul 2018 4:22

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 900687

Ion Ratio Lower Upper

43 100

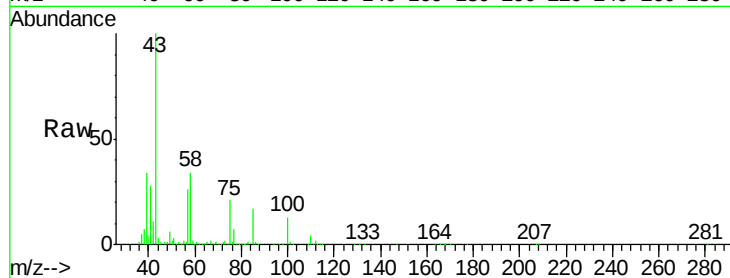
58 34.0 27.4 41.2

Manual Integrations

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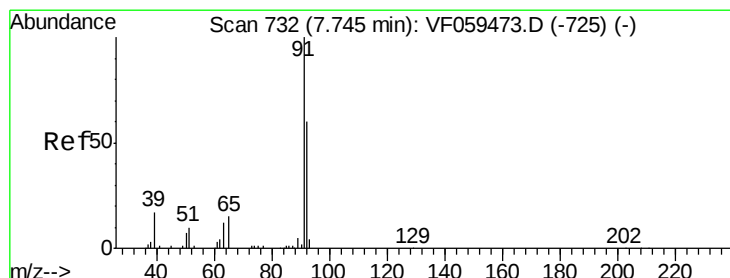
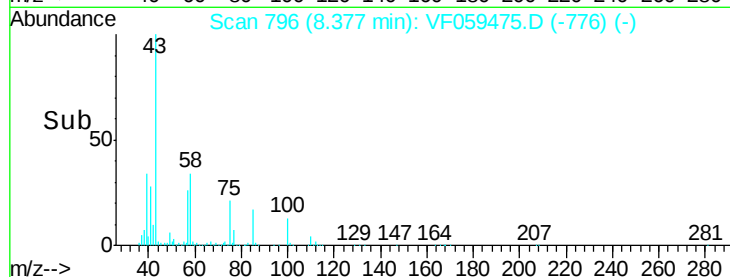
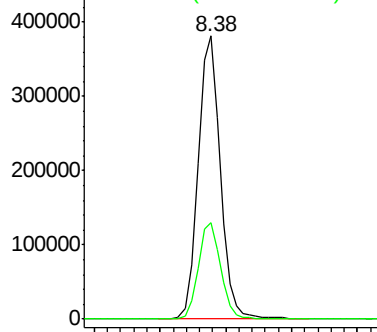
apatel

7/9/2018 9:34:45 AM



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#52

Toluene

Concen: 101.76 ug/l

RT: 7.75 min Scan# 732

Delta R.T. 0.00 min

Lab File: VF059475.D

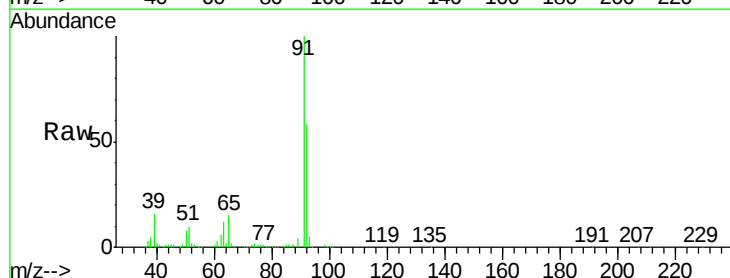
Acq: 7 Jul 2018 4:22

Tgt Ion: 92 Resp: 546096

Ion Ratio Lower Upper

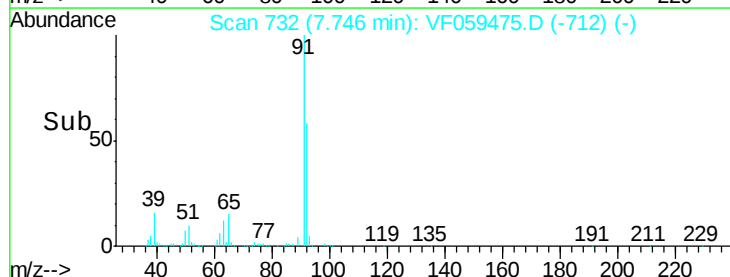
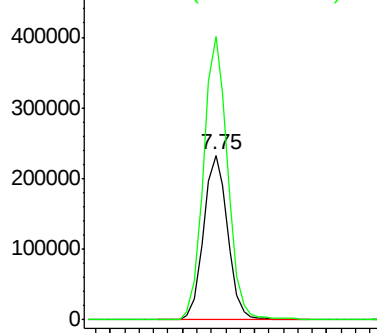
92 100

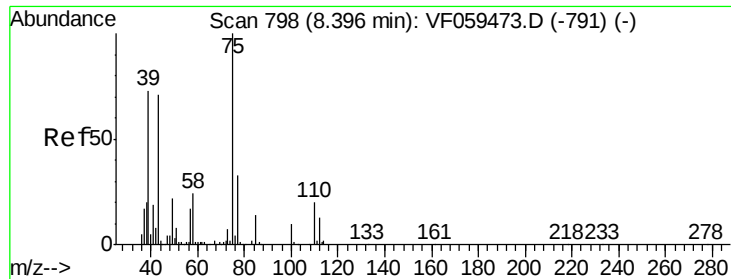
91 171.8 134.3 201.5



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0





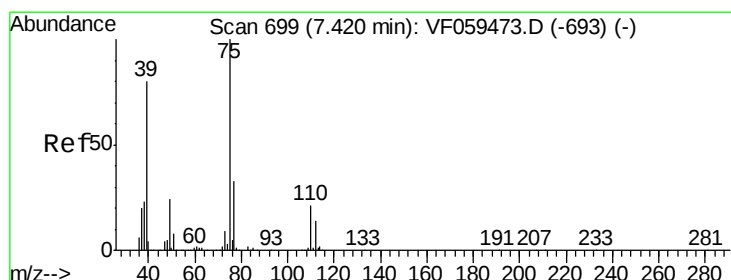
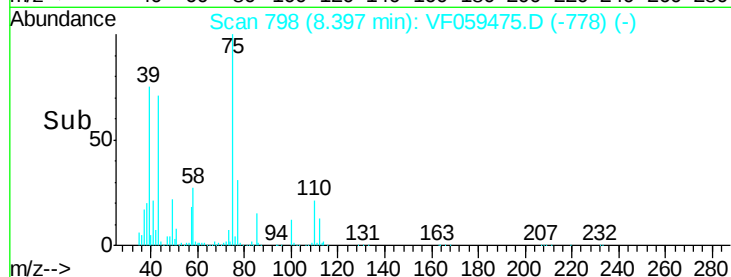
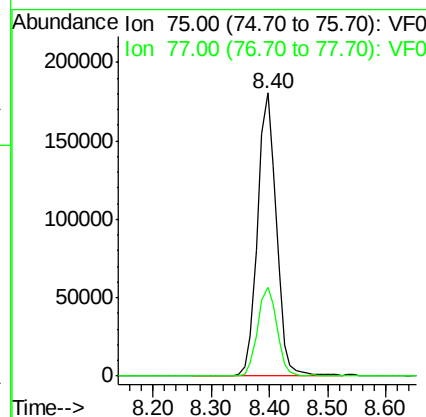
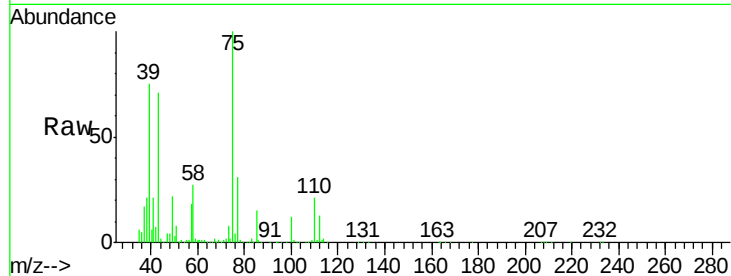
#53  
 t-1,3-Dichloropropene  
 Concen: 103.91 ug/l  
 RT: 8.40 min Scan# 798  
 Delta R.T. 0.00 min  
 Lab File: VF059475.D  
 Acq: 7 Jul 2018 4:22

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDIC100

Tot Ion: 75 Resp: 409307  
 Ion Ratio Lower Upper  
 75 100  
 77 31.2 26.4 39.6

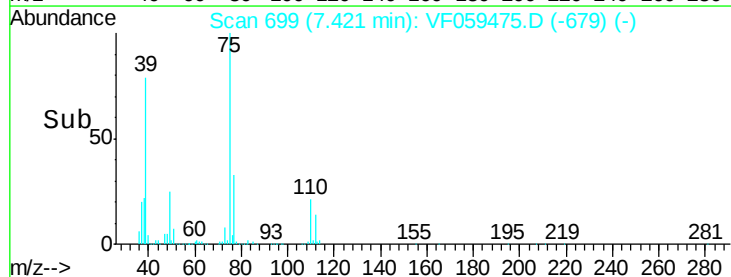
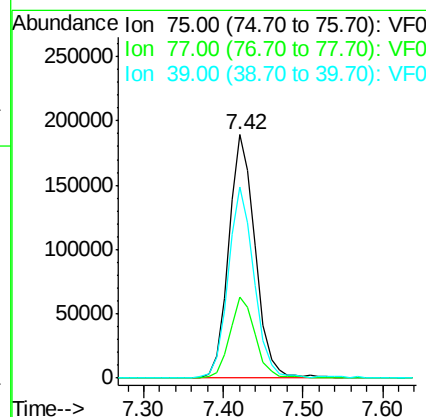
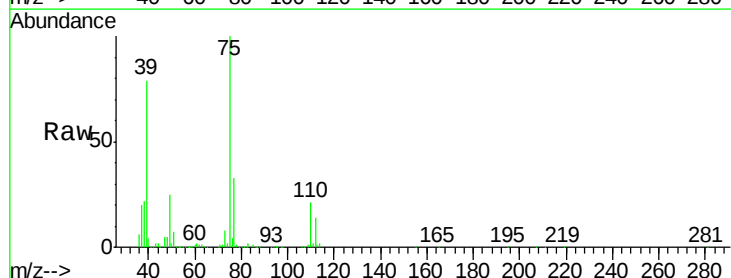
Manual Integrations  
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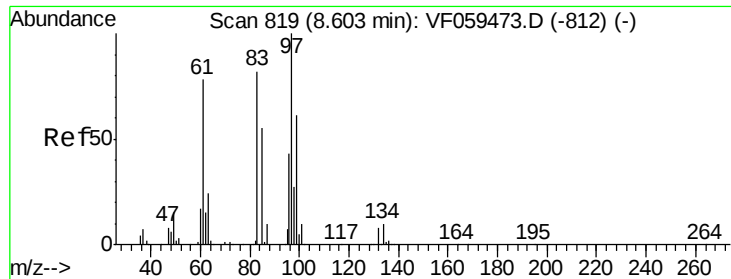
apatel  
 7/9/2018 9:34:45 AM



#54  
 cis-1,3-Dichloropropene  
 Concen: 104.79 ug/l  
 RT: 7.42 min Scan# 699  
 Delta R.T. 0.00 min  
 Lab File: VF059475.D  
 Acq: 7 Jul 2018 4:22

Tgt Ion: 75 Resp: 442035  
 Ion Ratio Lower Upper  
 75 100  
 77 33.1 26.2 39.4  
 39 78.6 64.5 96.7





#55

1,1,2-Trichloroethane

Concen: 103.13 ug/l

RT: 8.60 min Scan# 819

Delta R.T. 0.00 min

Lab File: VF059475.D

Acq: 7 Jul 2018 4:22

Instrument :

MSVOA\_F

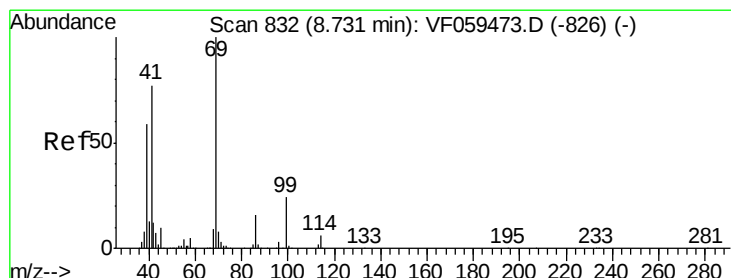
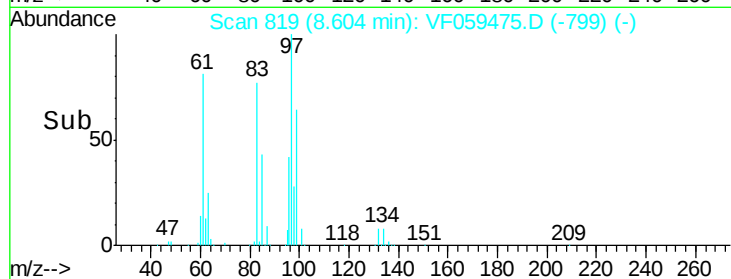
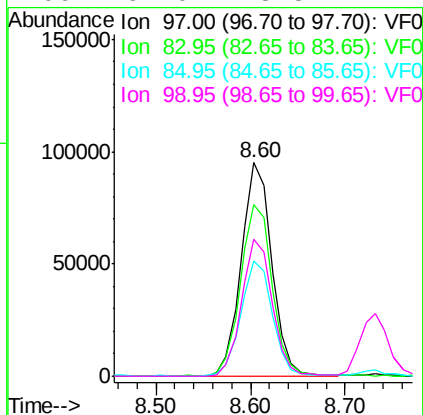
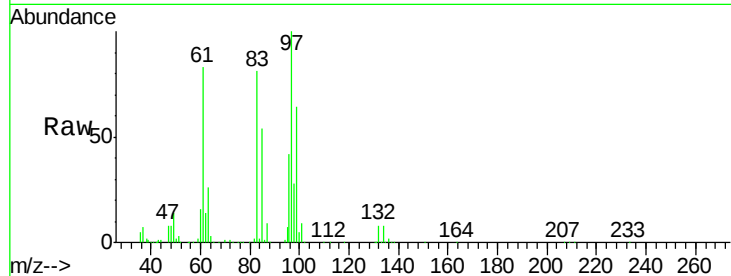
ClientSampleId :

VSTDICC100

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 97    | Resp: | 213591 |
| Ion Ratio | Lower | Upper |        |
| 97        | 100   |       |        |
| 83        | 80.6  | 65.7  | 98.5   |
| 85        | 54.2  | 43.8  | 65.6   |
| 99        | 64.0  | 48.5  | 72.7   |

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#56

Ethyl methacrylate

Concen: 102.66 ug/l

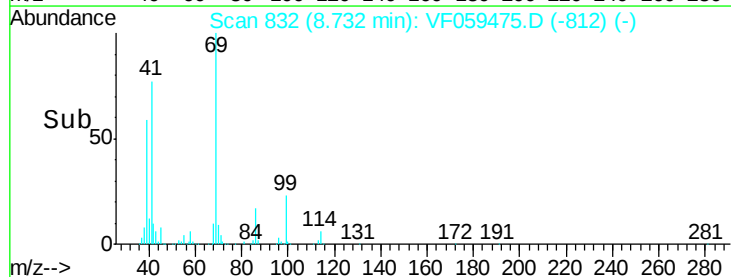
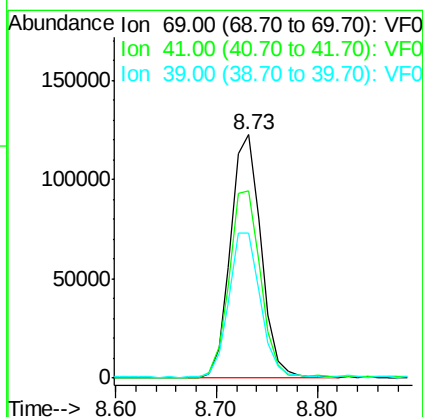
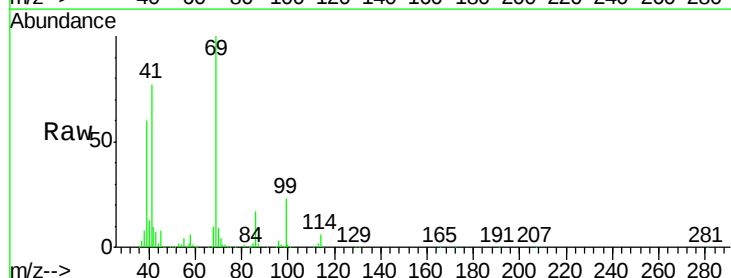
RT: 8.73 min Scan# 832

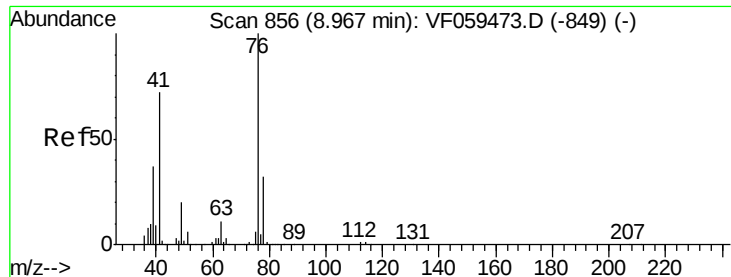
Delta R.T. 0.00 min

Lab File: VF059475.D

Acq: 7 Jul 2018 4:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 69    | Resp: | 258798 |
| Ion Ratio | Lower | Upper |        |
| 69        | 100   |       |        |
| 41        | 76.8  | 62.2  | 93.4   |
| 39        | 59.7  | 47.7  | 71.5   |





#57

1,3-Dichloropropane

Concen: 100.15 ug/l

RT: 8.97 min Scan# 856

Delta R.T. 0.00 min

Lab File: VF059475.D

Acq: 7 Jul 2018 4:22

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC100

Tot Ion: 76 Resp: 355952

Ion Ratio Lower Upper

76 100

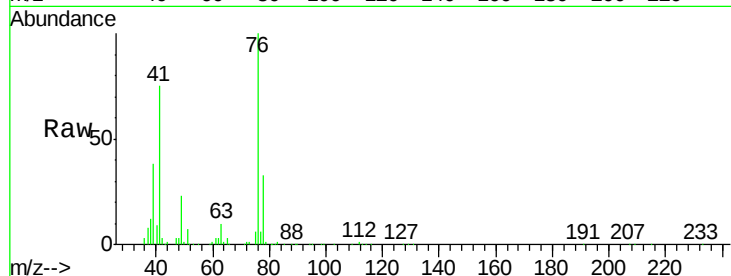
78 33.4 25.2 37.8

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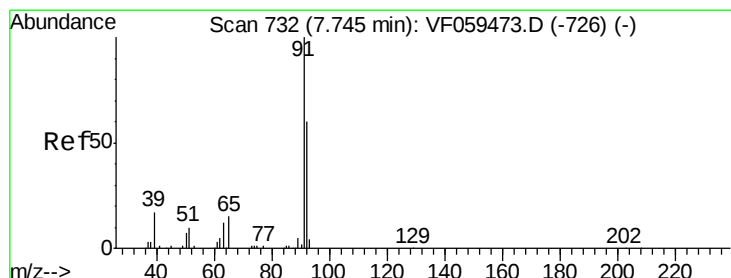
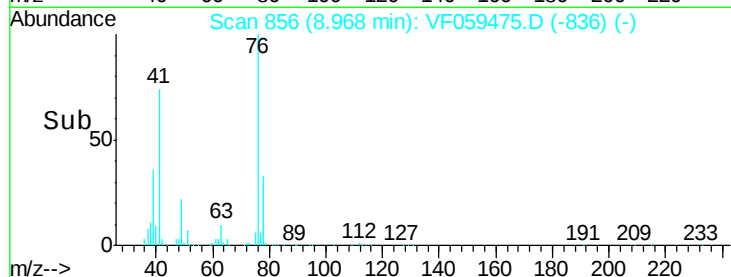
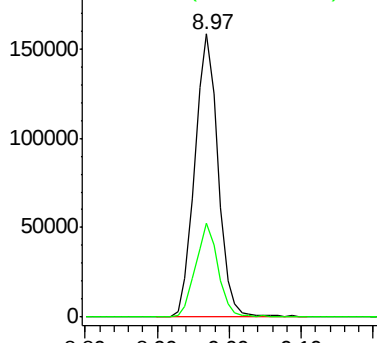
apatel

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Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0



#58

2-Chloroethyl Vinyl ether

Concen: 548.34 ug/l

RT: 7.75 min Scan# 732

Delta R.T. 0.00 min

Lab File: VF059475.D

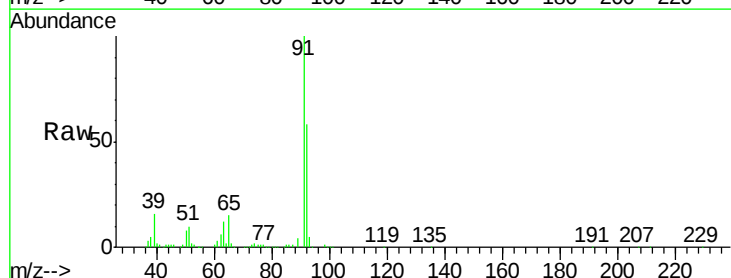
Acq: 7 Jul 2018 4:22

Tgt Ion: 63 Resp: 109058

Ion Ratio Lower Upper

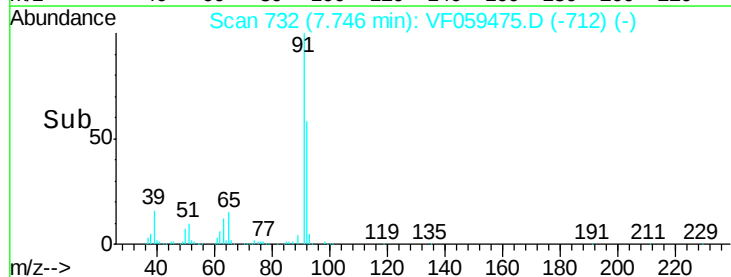
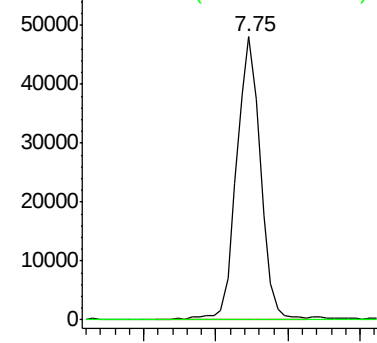
63 100

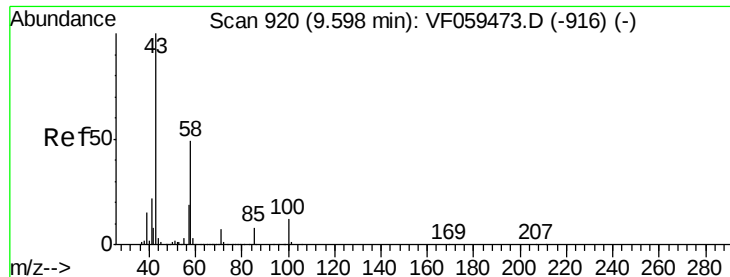
106 0.0 0.0 0.0



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 106.00 (105.70 to 106.70): V





#59

2-Hexanone

Concen: 408.96 ug/l

RT: 9.60 min Scan# 920

Delta R.T. 0.00 min

Lab File: VF059475.D

Acq: 7 Jul 2018 4:22

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 660974

Ion Ratio Lower Upper

43 100

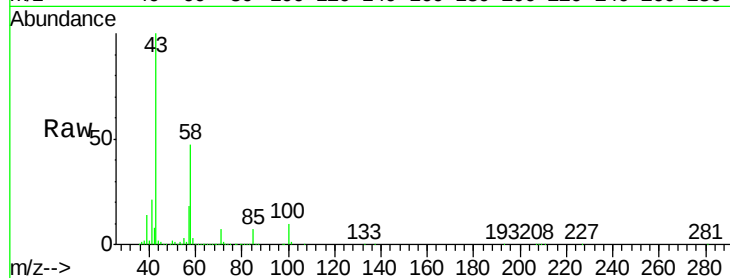
58 46.7 22.4 67.2

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Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

9.60

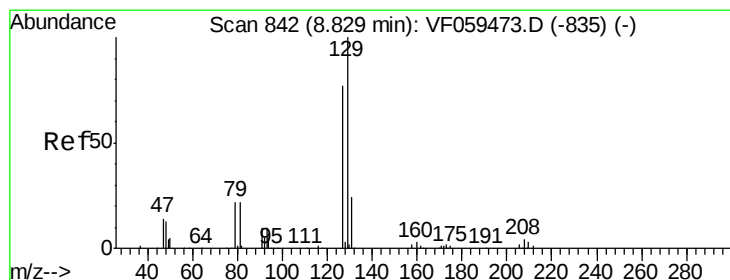
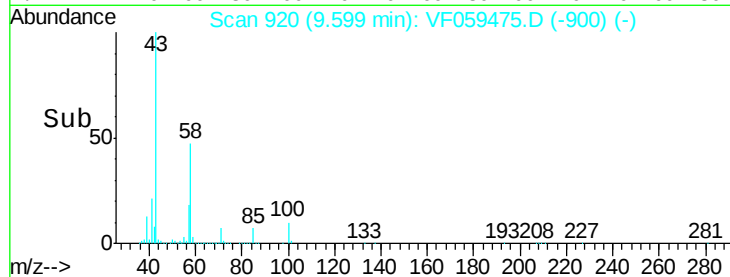
300000

200000

100000

0

Time-->



#60

Dibromochloromethane

Concen: 116.69 ug/l

RT: 8.83 min Scan# 842

Delta R.T. 0.00 min

Lab File: VF059475.D

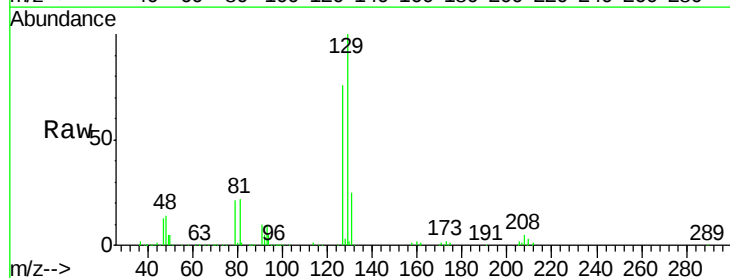
Acq: 7 Jul 2018 4:22

Tgt Ion: 129 Resp: 376852

Ion Ratio Lower Upper

129 100

127 76.0 38.8 116.3



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

8.83

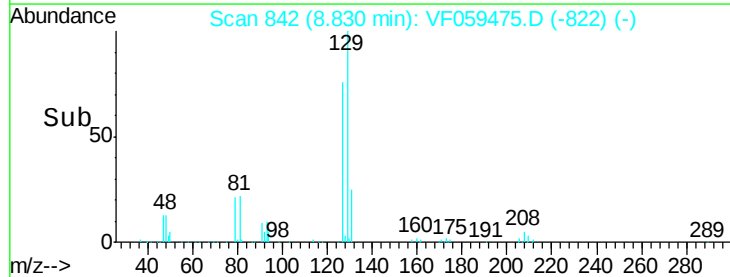
150000

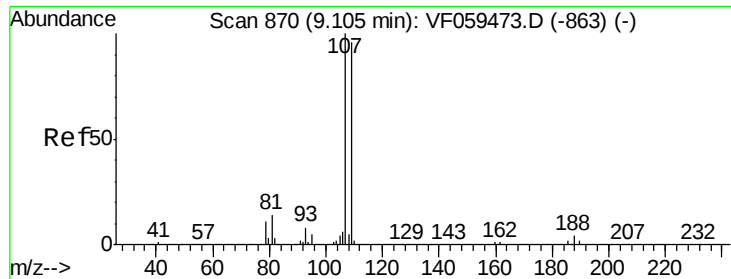
100000

50000

0

Time-->





#61

1,2-Dibromoethane

Concen: 106.65 ug/l

RT: 9.11 min Scan# 870

Delta R.T. 0.00 min

Lab File: VF059475.D

Acq: 7 Jul 2018 4:22

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC100

Tot Ion:107 Resp: 268665

Ion Ratio Lower Upper

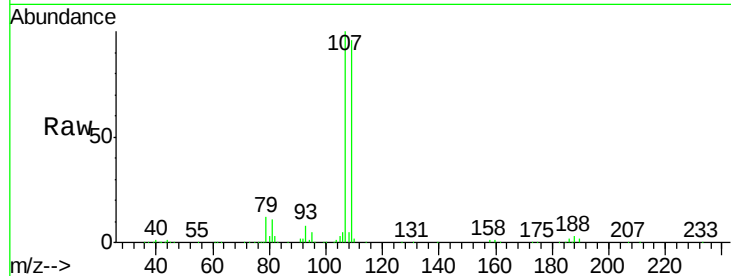
107 100

109 95.8 76.7 115.1

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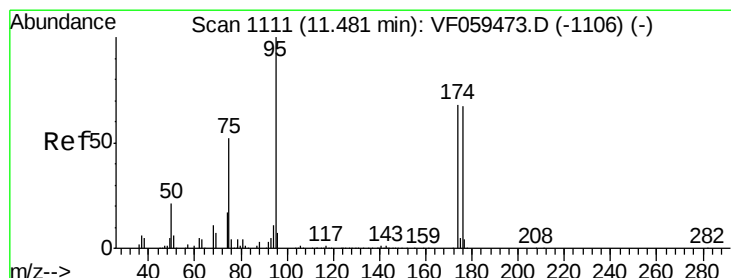
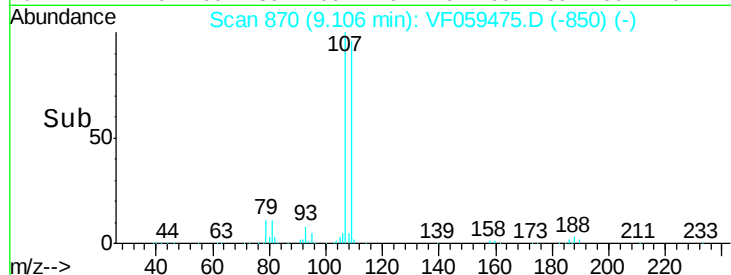
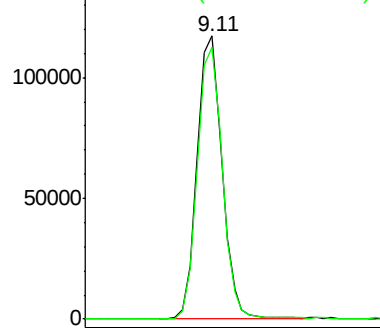
apatel

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Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



#62

4-Bromofluorobenzene

Concen: 111.92 ug/l

RT: 11.48 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VF059475.D

Acq: 7 Jul 2018 4:22

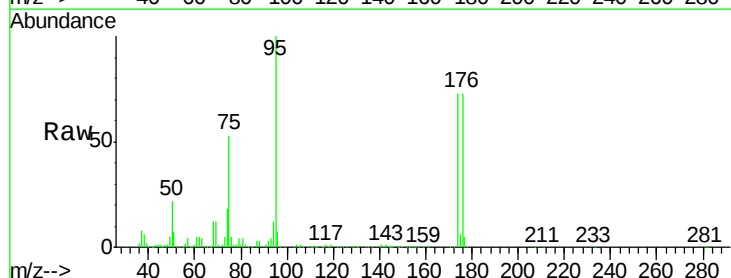
Tgt Ion: 95 Resp: 434960

Ion Ratio Lower Upper

95 100

174 73.0 0.0 137.0

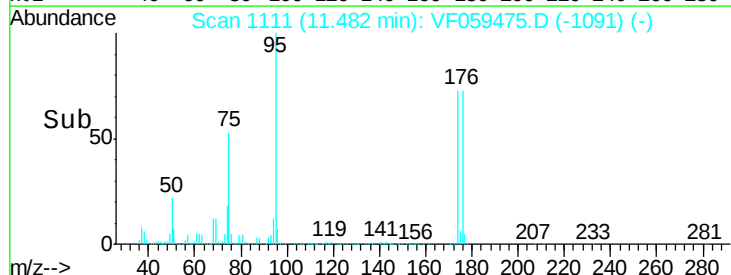
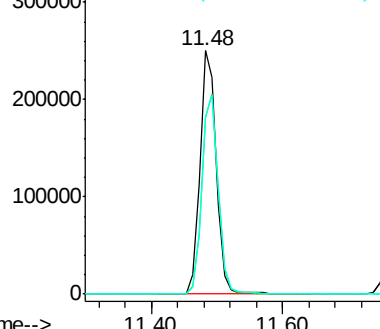
176 72.7 0.0 133.8

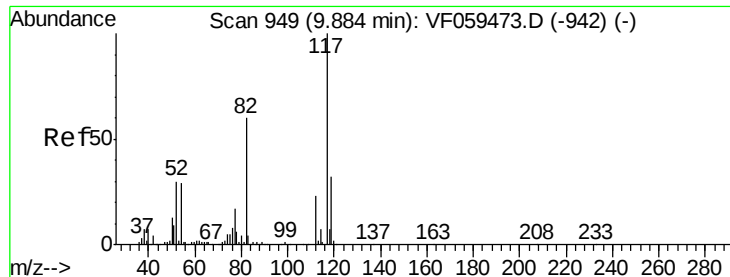


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V





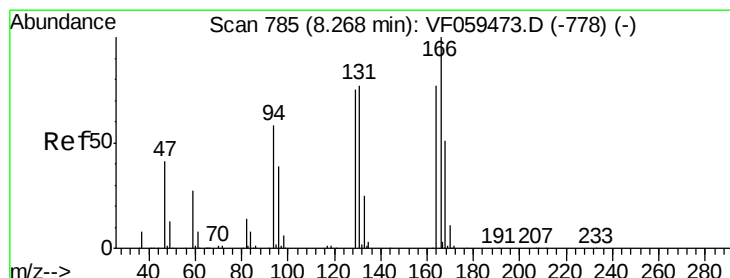
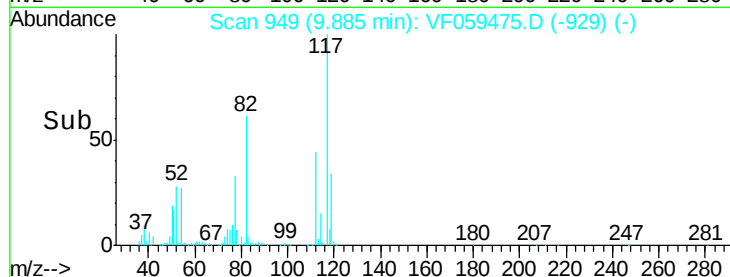
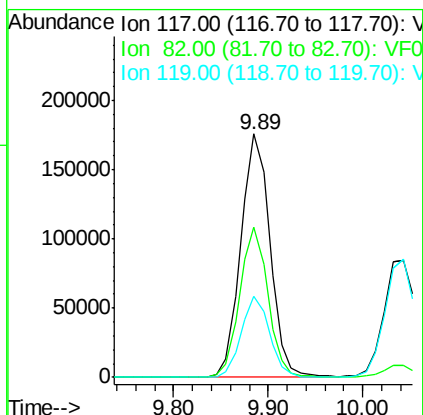
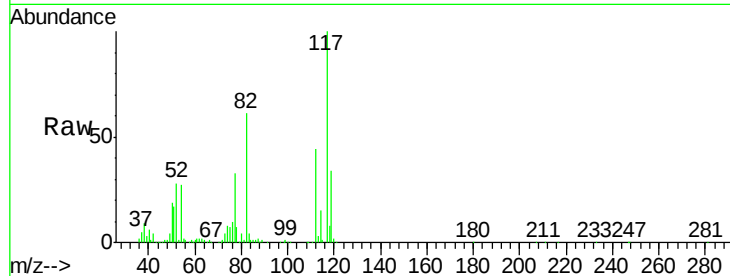
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 9.89 min Scan# 949  
Delta R.T. 0.00 min  
Lab File: VF059475.D  
Acq: 7 Jul 2018 4:22

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC100

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 377885 |       |       |
| 82      | 61.4  | 48.2   | 72.4  |       |
| 119     | 33.5  | 25.7   | 38.5  |       |

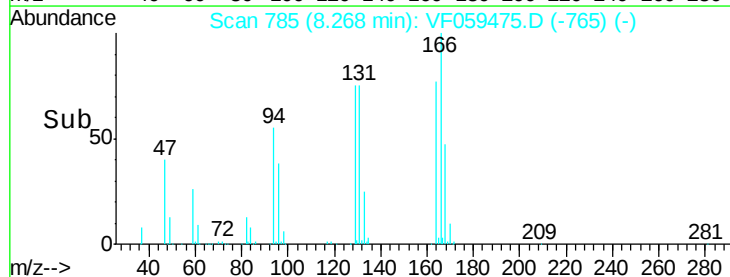
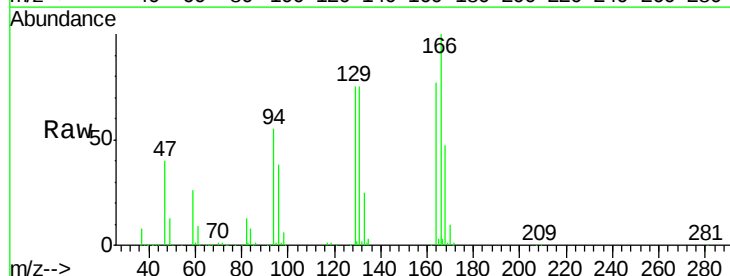
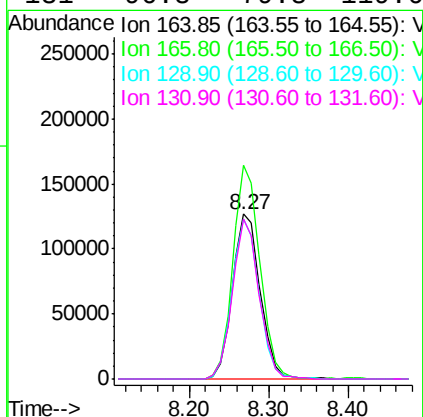
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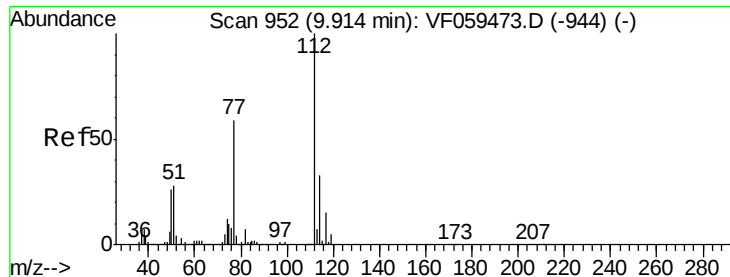
apatel  
7/9/2018 9:34:45 AM



#64  
Tetrachloroethene  
Concen: 118.80 ug/l  
RT: 8.27 min Scan# 785  
Delta R.T. 0.00 min  
Lab File: VF059475.D  
Acq: 7 Jul 2018 4:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 308019 |       |       |
| 166     | 129.6 | 103.5  | 155.3 |       |
| 129     | 96.8  | 77.6   | 116.4 |       |
| 131     | 96.8  | 79.8   | 119.6 |       |





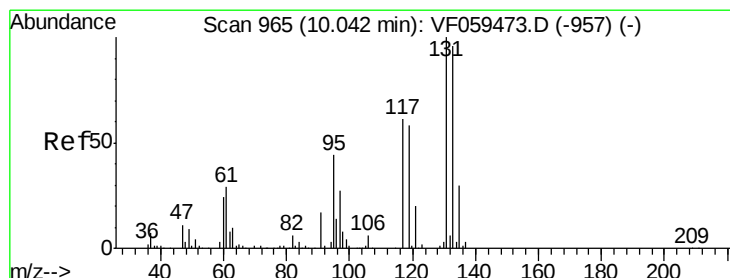
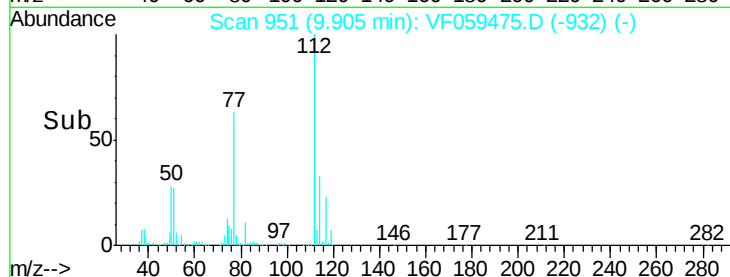
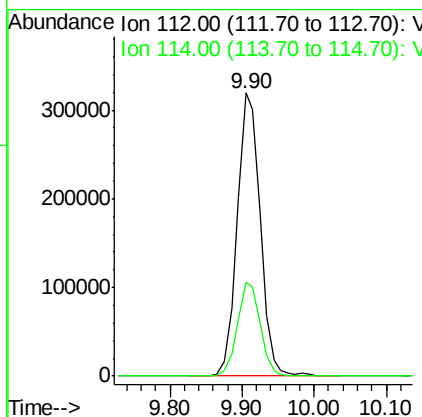
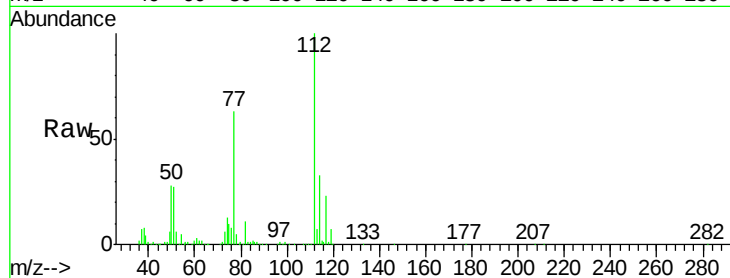
#65  
Chlorobenzene  
Concen: 100.05 ug/l  
RT: 9.90 min Scan# 951  
Delta R.T. -0.01 min  
Lab File: VF059475.D  
Acq: 7 Jul 2018 4:22

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 33.3  | 26.2  | 39.2  |

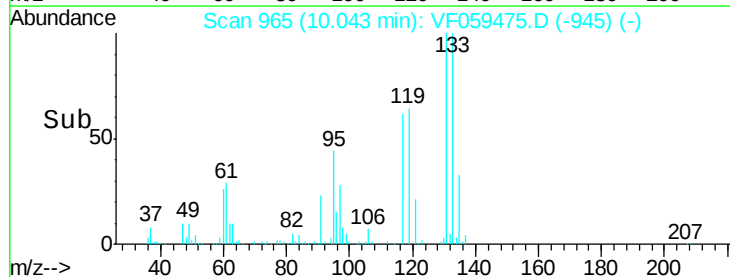
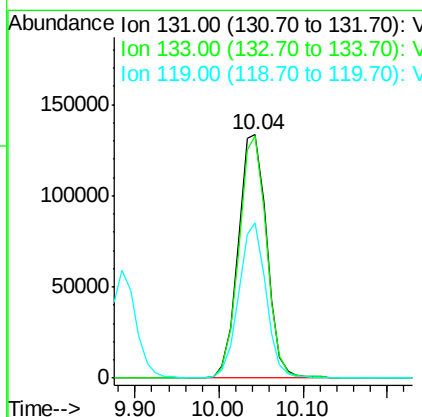
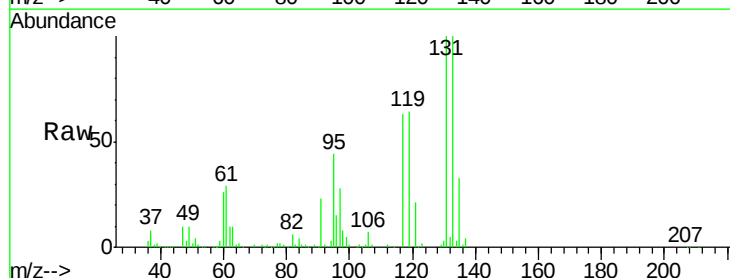
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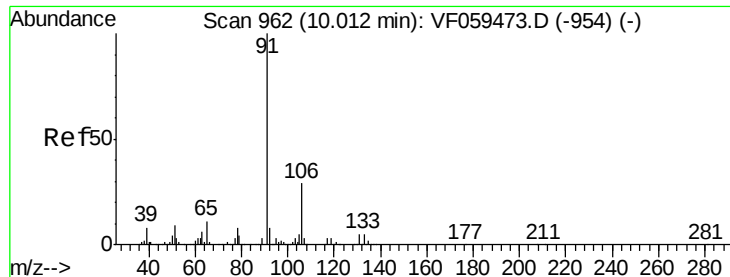
apatel  
7/9/2018 9:34:45 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 101.23 ug/l  
RT: 10.04 min Scan# 965  
Delta R.T. 0.00 min  
Lab File: VF059475.D  
Acq: 7 Jul 2018 4:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 99.7  | 48.1  | 144.3 |
| 119     | 63.9  | 29.3  | 87.8  |





#67

Ethyl Benzene

Concen: 100.31 ug/l

RT: 10.00 min Scan# 961

Delta R.T. -0.01 min

Lab File: VF059475.D

Acq: 7 Jul 2018 4:22

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 1222855

Ion Ratio Lower Upper

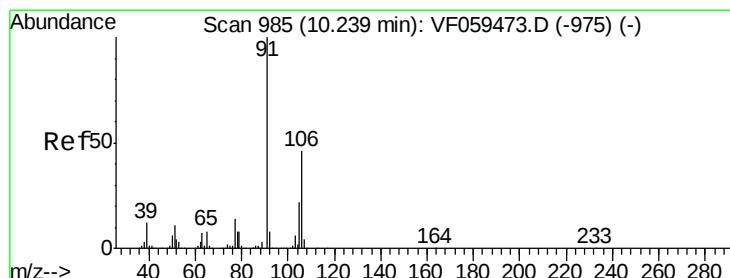
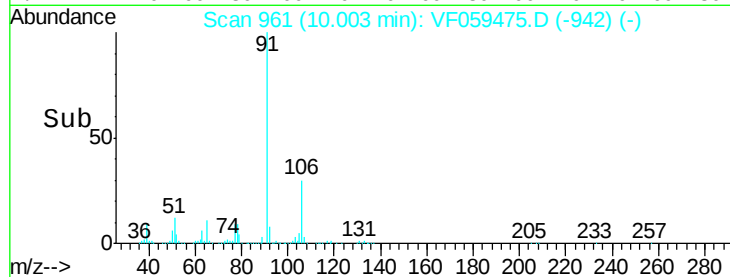
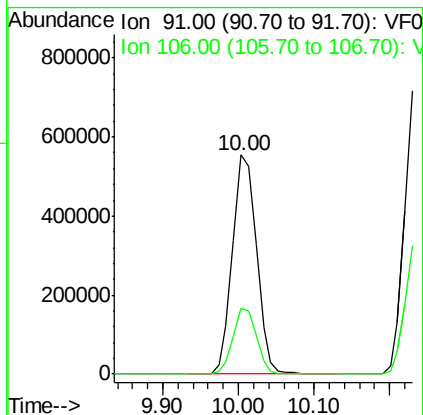
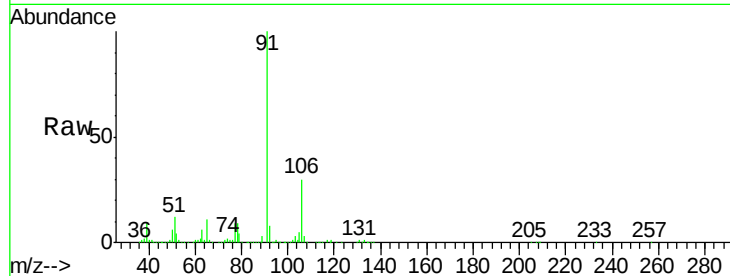
91 100

106 29.9 23.0 34.6

Manual Integrations  
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#68

m/p-Xylenes

Concen: 194.81 ug/l

RT: 10.24 min Scan# 985

Delta R.T. 0.00 min

Lab File: VF059475.D

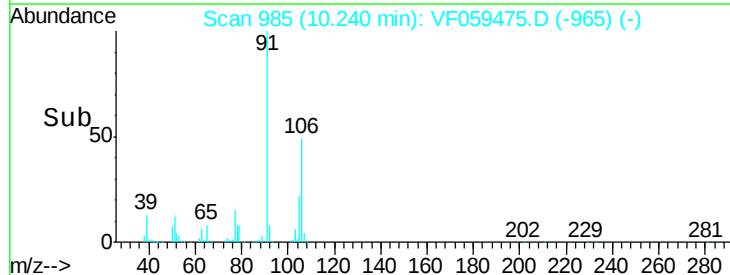
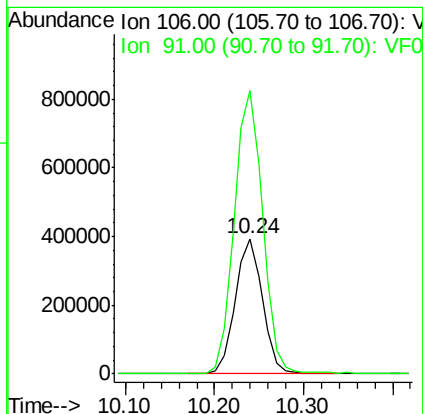
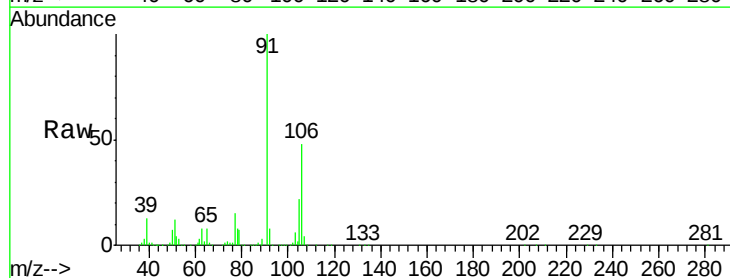
Acq: 7 Jul 2018 4:22

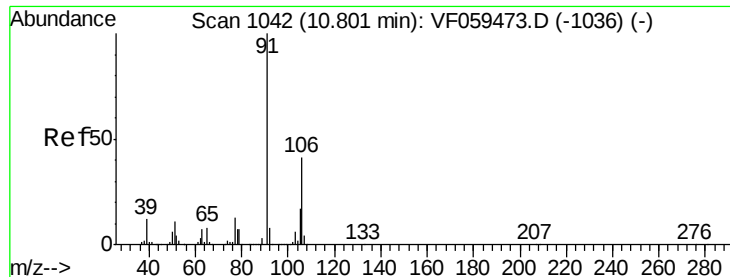
Tgt Ion: 106 Resp: 838997

Ion Ratio Lower Upper

106 100

91 209.0 173.5 260.3





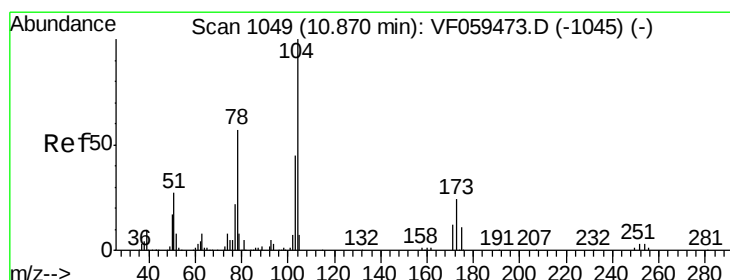
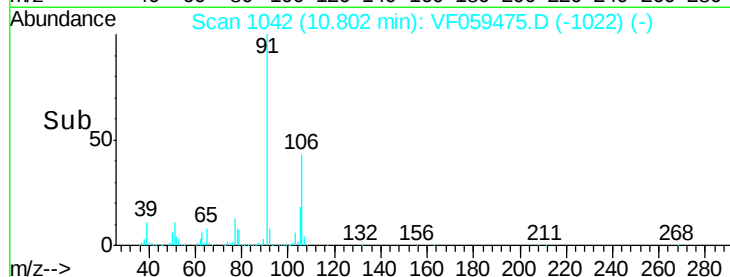
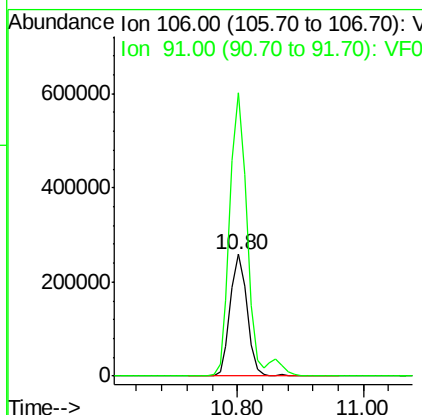
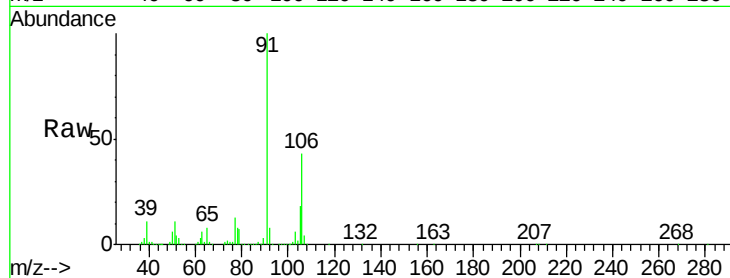
#69  
o-Xylene  
Concen: 99.51 ug/l  
RT: 10.80 min Scan# 1042  
Delta R.T. 0.00 min  
Lab File: VF059475.D  
Acq: 7 Jul 2018 4:22

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC100

| Tot Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 106     | 100   |       | 478211 |       |       |
| 91      | 232.2 | 121.8 | 365.3  |       |       |

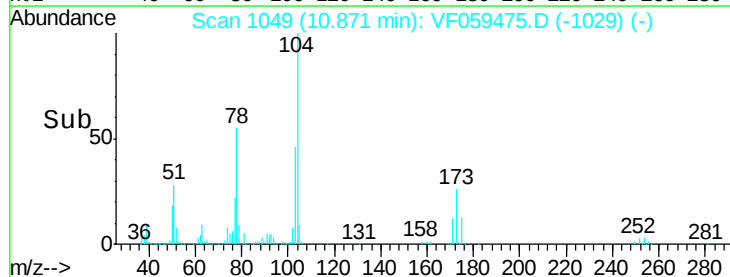
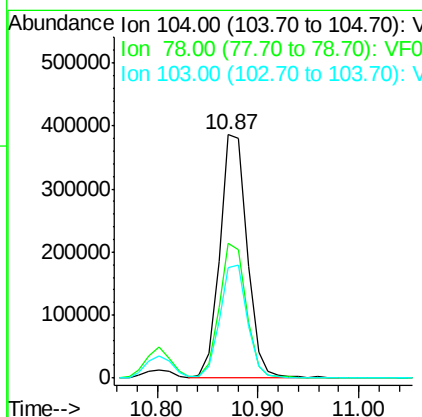
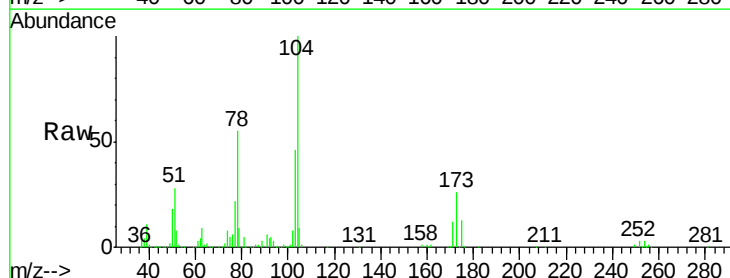
Manual Integrations  
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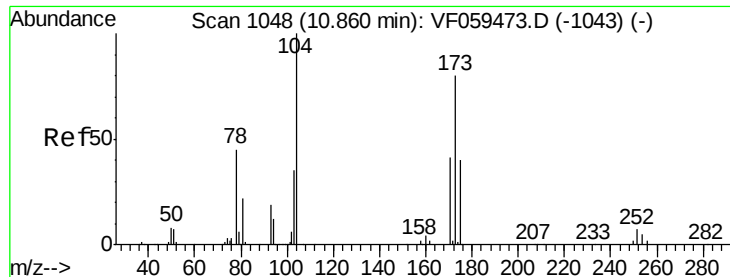
apatel  
7/9/2018 9:34:45 AM



#70  
Styrene  
Concen: 99.46 ug/l  
RT: 10.87 min Scan# 1049  
Delta R.T. 0.00 min  
Lab File: VF059475.D  
Acq: 7 Jul 2018 4:22

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 104     | 100  |       | 729251 |       |       |
| 78      | 55.4 | 46.2  | 69.2   |       |       |
| 103     | 45.5 | 36.8  | 55.2   |       |       |





#71

Bromoform

Concen: 109.26 ug/l

RT: 10.86 min Scan# 1048

Delta R.T. 0.00 min

Lab File: VF059475.D

Acq: 7 Jul 2018 4:22

Instrument :

MSVOA\_F

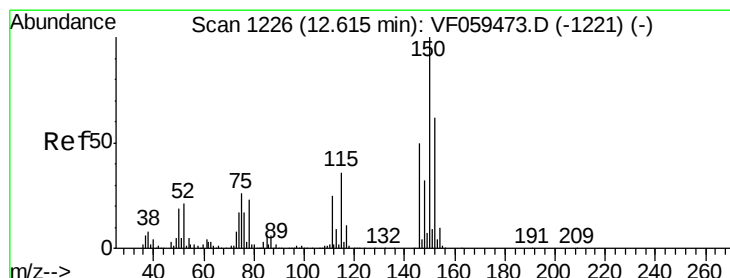
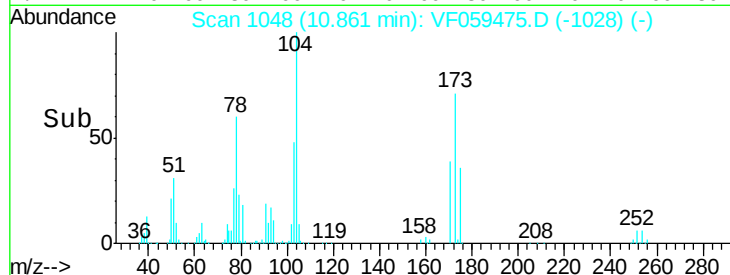
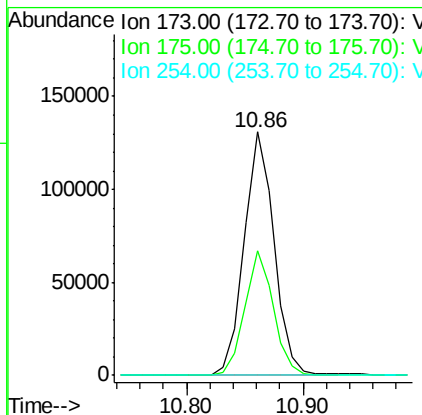
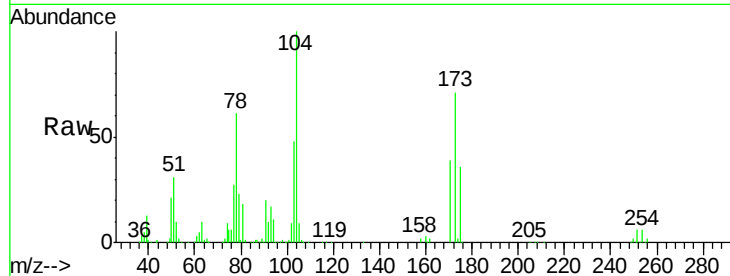
ClientSampleId :

VSTDIC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 51.9  | 24.9  | 74.8  |
| 254     | 0.1   | 0.0   | 0.0   |

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

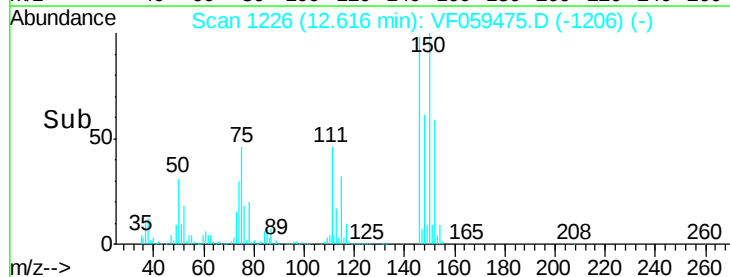
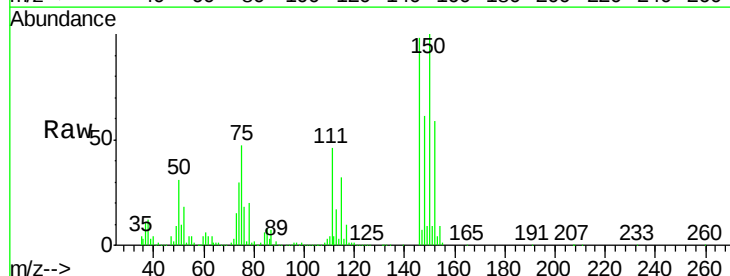
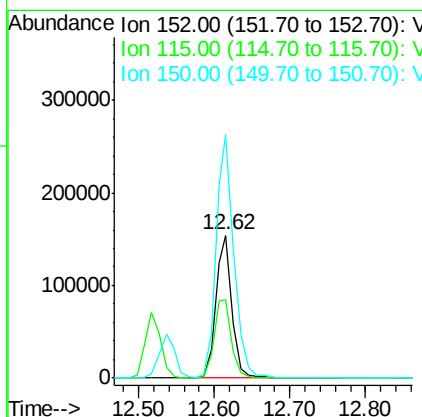
RT: 12.62 min Scan# 1226

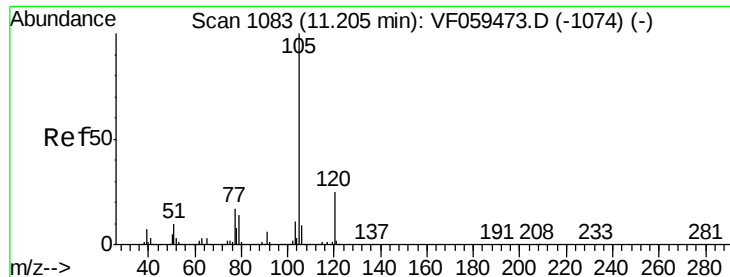
Delta R.T. 0.00 min

Lab File: VF059475.D

Acq: 7 Jul 2018 4:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 55.1  | 28.7  | 86.3  |
| 150     | 170.3 | 0.0   | 323.8 |





#73

Isopropylbenzene

Concen: 102.04 ug/l

RT: 11.21 min Scan# 1083

Delta R.T. 0.00 min

Lab File: VF059475.D

Acq: 7 Jul 2018 4:22

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 1400749

Ion Ratio Lower Upper

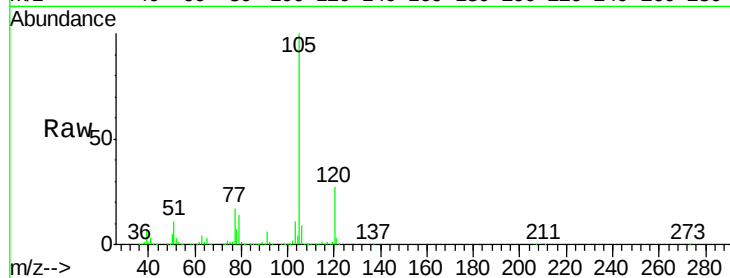
105 100

120 26.9 12.4 37.2

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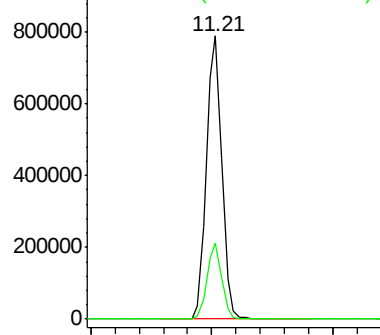
apatel

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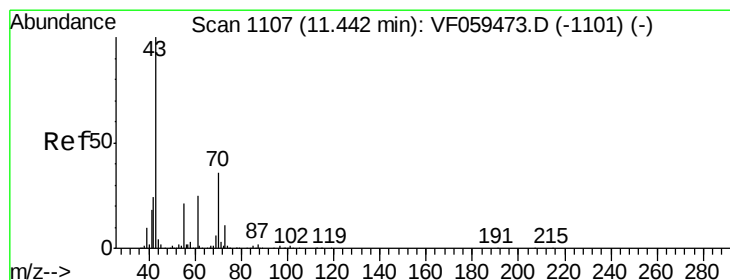
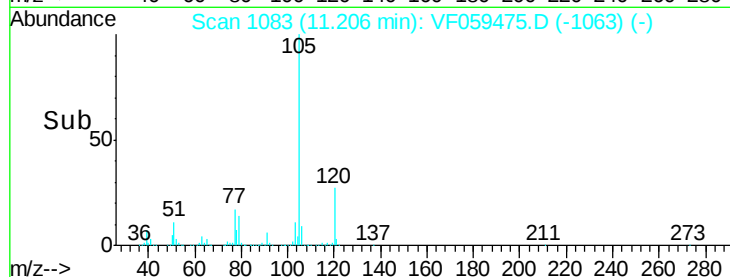


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time--> 11.00 11.20 11.40



#74

N-ethyl acetate

Concen: 90.70 ug/l

RT: 11.44 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VF059475.D

Acq: 7 Jul 2018 4:22

Tgt Ion: 43 Resp: 439772

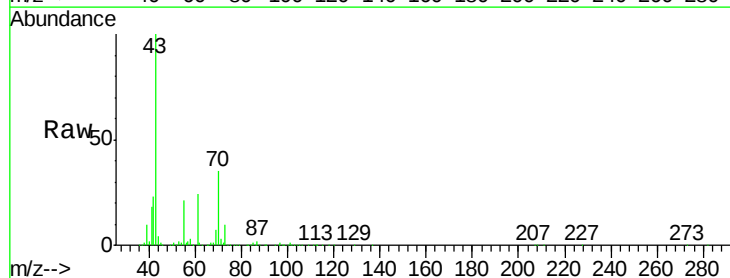
Ion Ratio Lower Upper

43 100

70 35.2 28.7 43.1

55 20.8 16.6 24.8

61 24.3 20.1 30.1

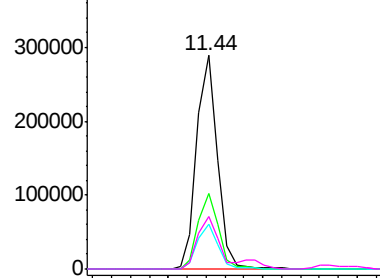


Abundance Ion 43.00 (42.70 to 43.70): VF0

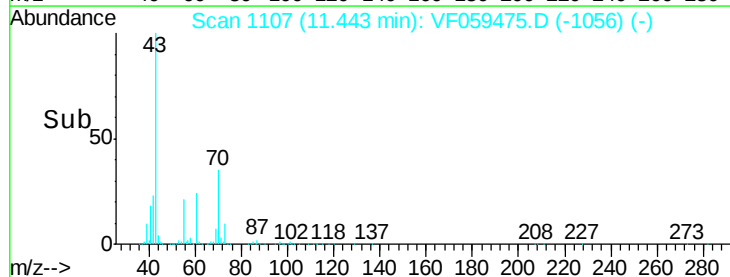
Ion 70.00 (69.70 to 70.70): VF0

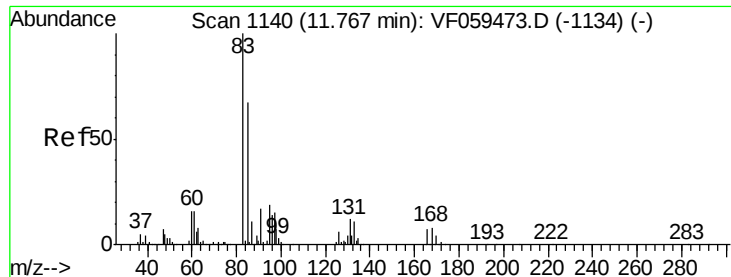
Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0



Time--> 11.40 11.50 11.60





#75

1,1,2,2-Tetrachloroethane

Concen: 90.29 ug/l

RT: 11.77 min Scan# 1140

Delta R.T. 0.00 min

Lab File: VF059475.D

Acq: 7 Jul 2018 4:22

Instrument :

MSVOA\_F

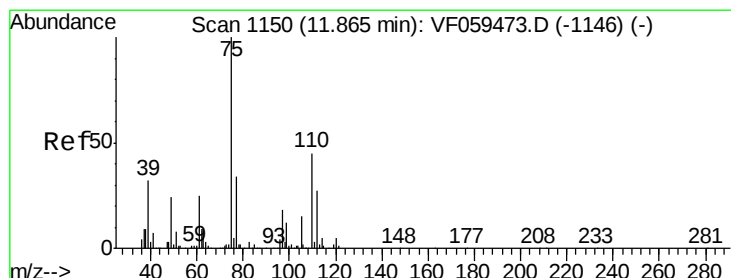
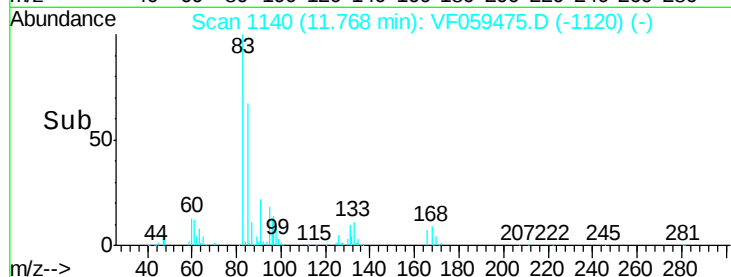
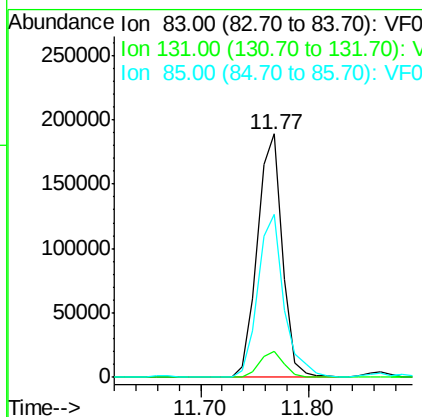
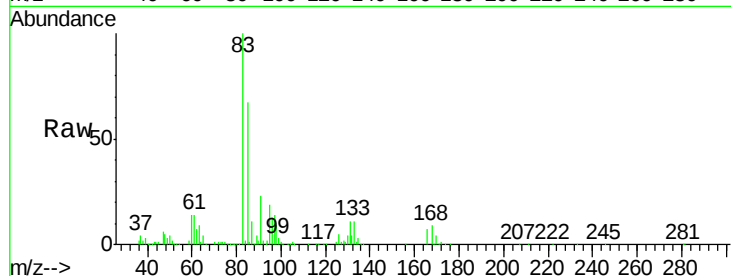
ClientSampleId :

VSTDIC100

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 305314 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 10.9  | 6.0   | 18.0   |
| 85        | 66.8  | 33.7  | 101.1  |

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#76

1,2,3-Trichloropropane

Concen: 92.17 ug/l

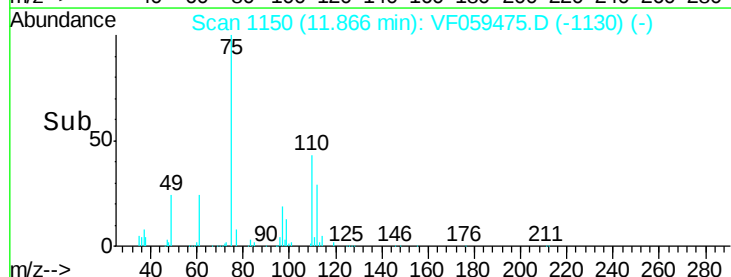
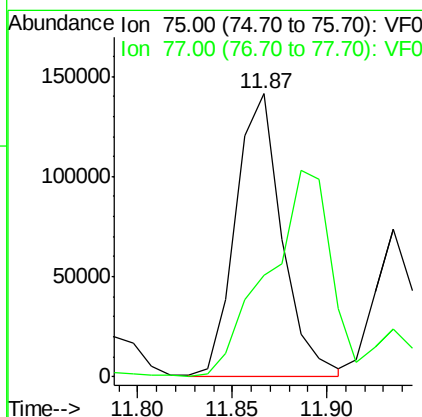
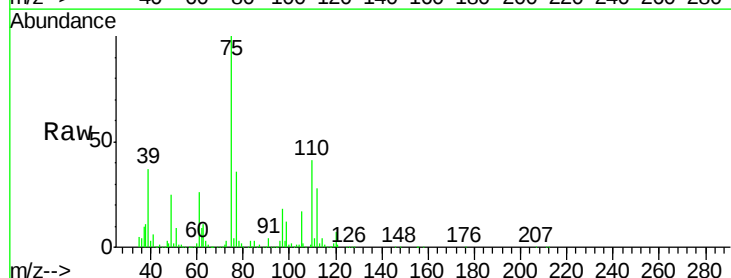
RT: 11.87 min Scan# 1150

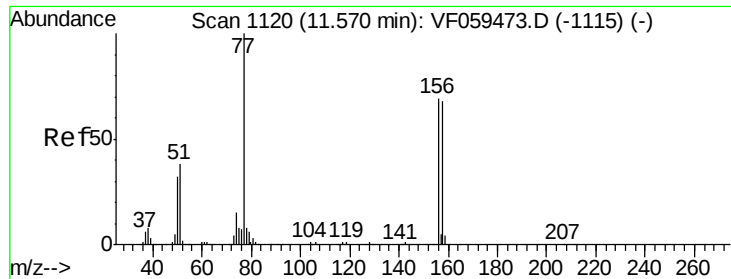
Delta R.T. 0.00 min

Lab File: VF059475.D

Acq: 7 Jul 2018 4:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 239090 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 35.8  | 16.9  | 50.6   |





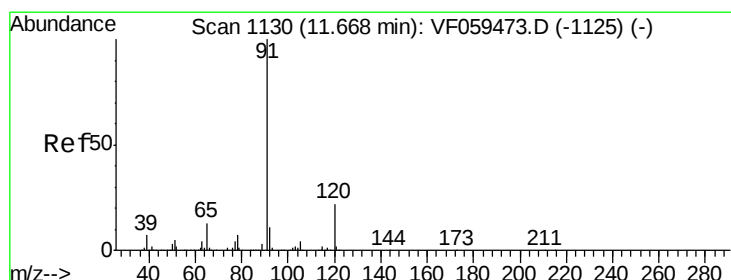
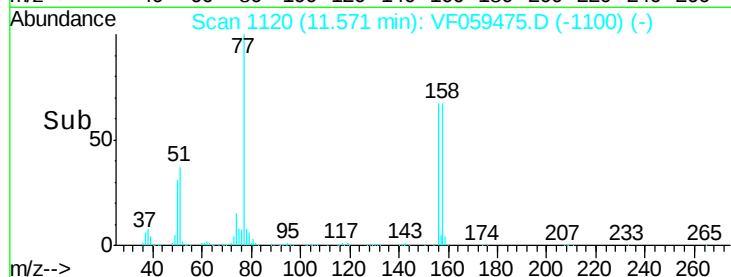
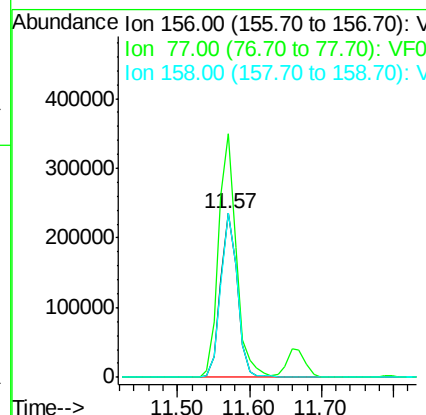
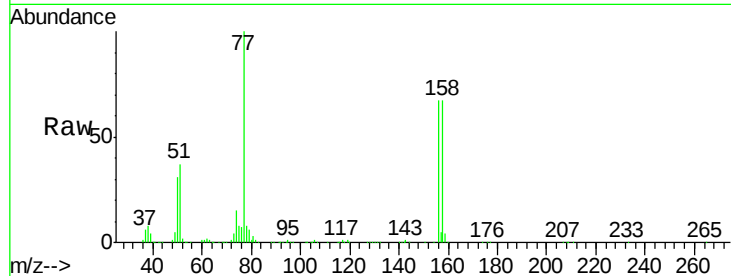
#77  
Bromobenzene  
Concen: 99.36 ug/l  
RT: 11.57 min Scan# 1120  
Delta R.T. 0.00 min  
Lab File: VF059475.D  
Acq: 7 Jul 2018 4:22

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDICC100

| Tot Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 156     | 100   |       |       |       |
| 77      | 148.6 | 72.4  | 217.2 |       |
| 158     | 99.9  | 49.5  | 148.3 |       |

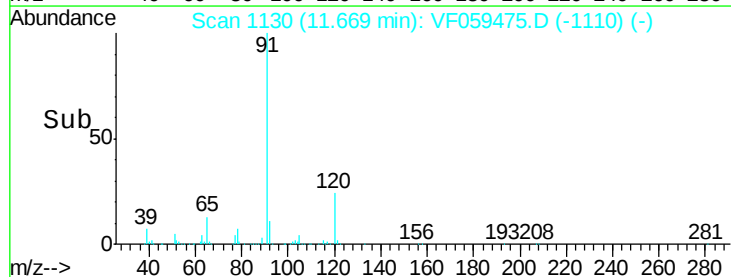
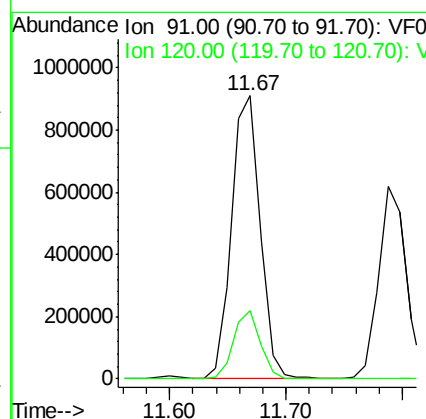
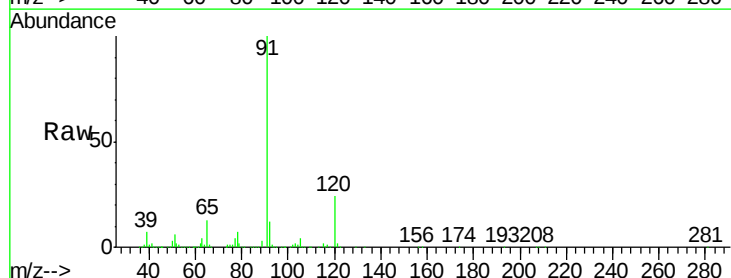
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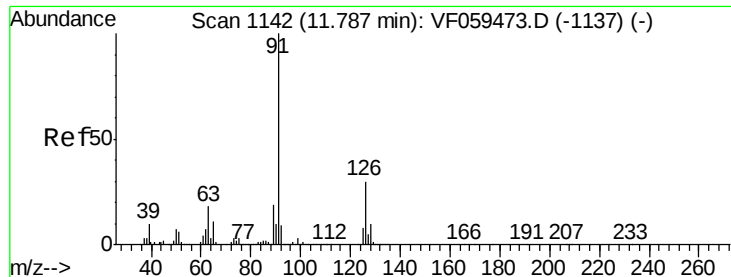
apatel  
7/9/2018 9:34:45 AM



#78  
n-propylbenzene  
Concen: 93.50 ug/l  
RT: 11.67 min Scan# 1130  
Delta R.T. 0.00 min  
Lab File: VF059475.D  
Acq: 7 Jul 2018 4:22

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 91      | 100  |       |       |       |
| 120     | 24.0 | 11.1  | 33.1  |       |





#79

2-Chlorotoluene

Concen: 99.07 ug/l

RT: 11.79 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VF059475.D

Acq: 7 Jul 2018 4:22

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 1001155

Ion Ratio Lower Upper

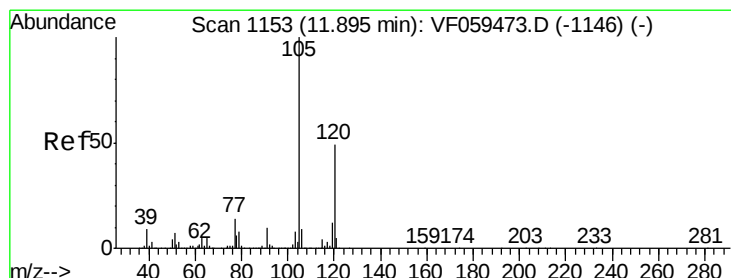
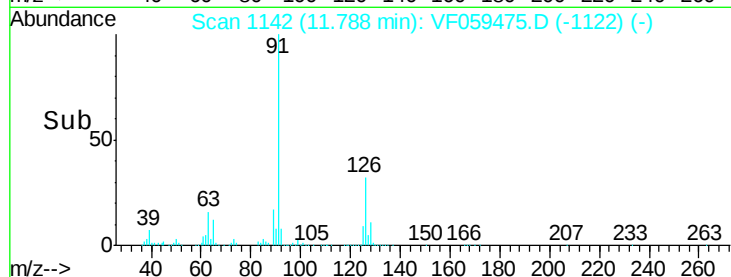
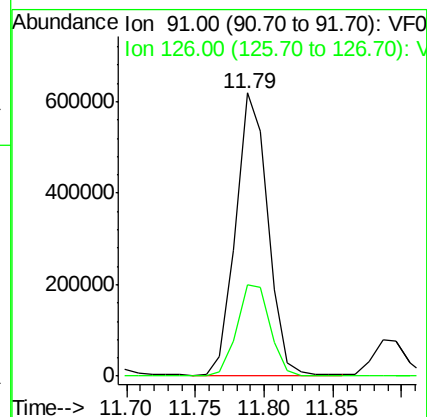
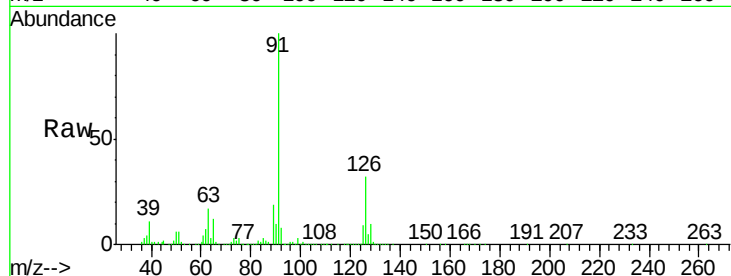
91 100

126 32.2 15.2 45.5

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#80

1,3,5-Trimethylbenzene

Concen: 97.41 ug/l

RT: 11.90 min Scan# 1153

Delta R.T. 0.00 min

Lab File: VF059475.D

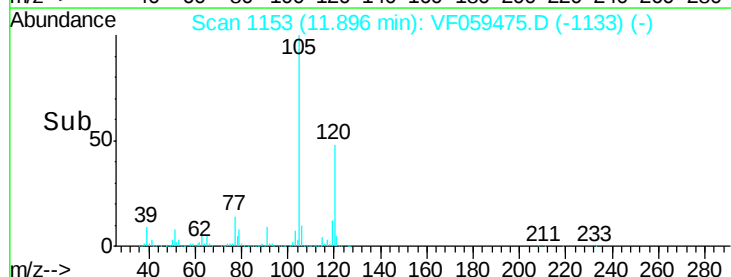
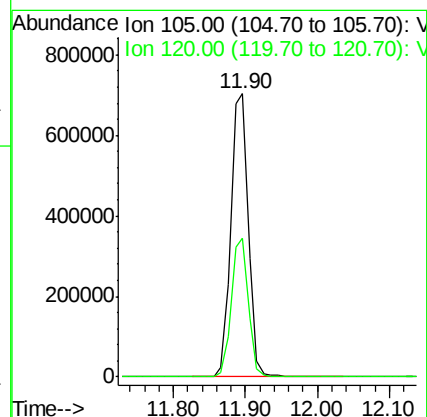
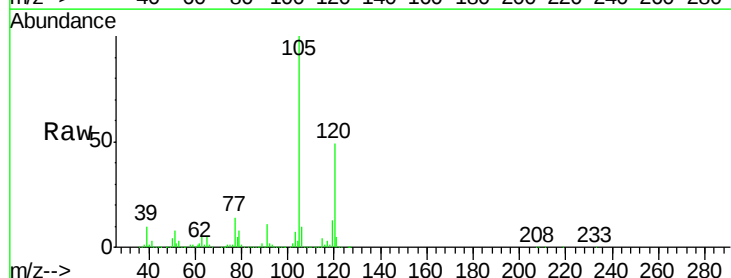
Acq: 7 Jul 2018 4:22

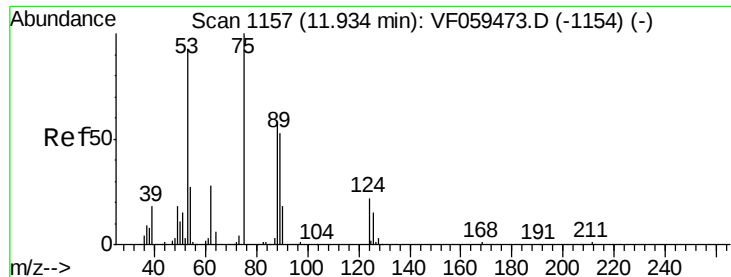
Tgt Ion: 105 Resp: 1179091

Ion Ratio Lower Upper

105 100

120 48.8 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 94.21 ug/l

RT: 11.94 min Scan# 1157

Delta R.T. 0.00 min

Lab File: VF059475.D

Acq: 7 Jul 2018 4:22

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC100

Tot Ion: 75 Resp: 141705

Ion Ratio Lower Upper

75 100

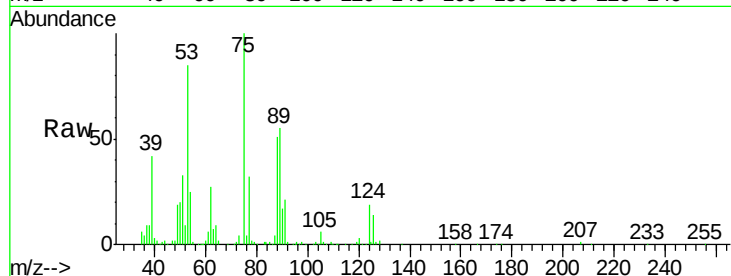
53 85.0 79.0 118.6

89 54.7 45.9 68.9

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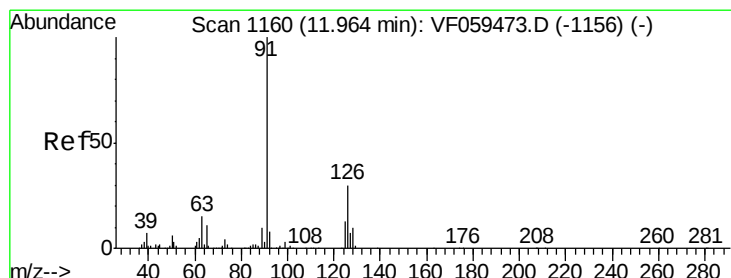
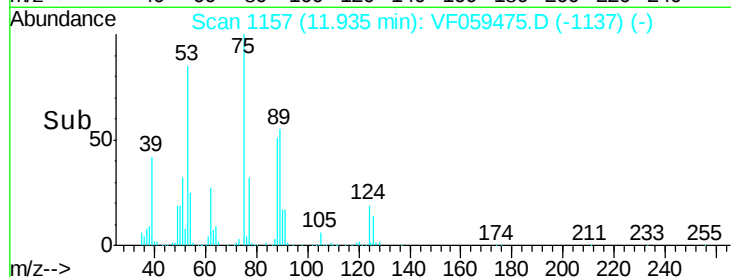
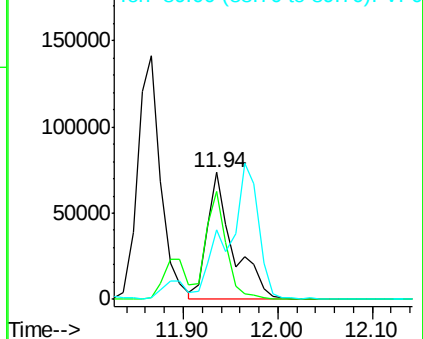
7/9/2018 9:34:45 AM



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 53.00 (52.70 to 53.70): VF0

Ion 89.00 (88.70 to 89.70): VF0



#82

4-Chlorotoluene

Concen: 100.17 ug/l

RT: 11.96 min Scan# 1160

Delta R.T. 0.00 min

Lab File: VF059475.D

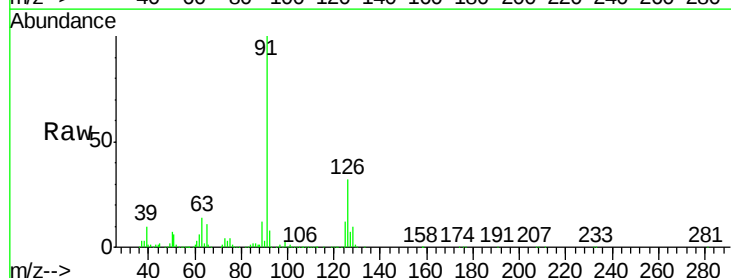
Acq: 7 Jul 2018 4:22

Tgt Ion: 91 Resp: 1073155

Ion Ratio Lower Upper

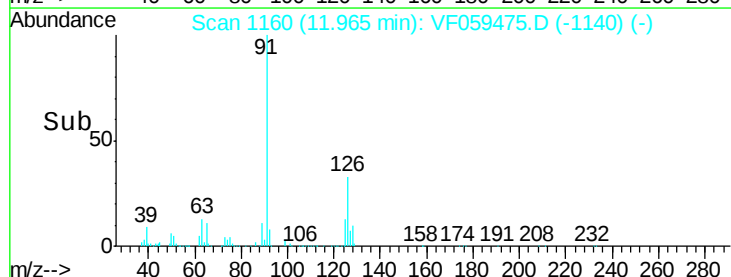
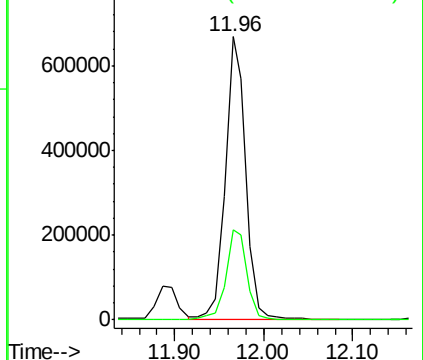
91 100

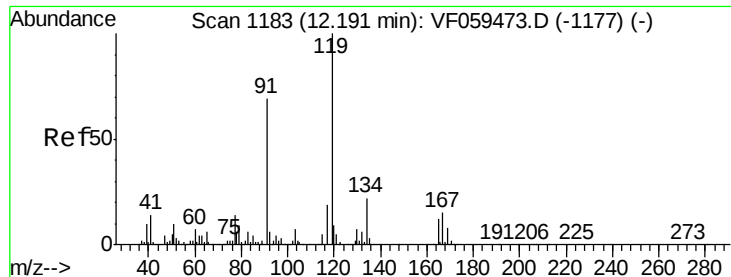
126 32.0 14.9 44.5



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V





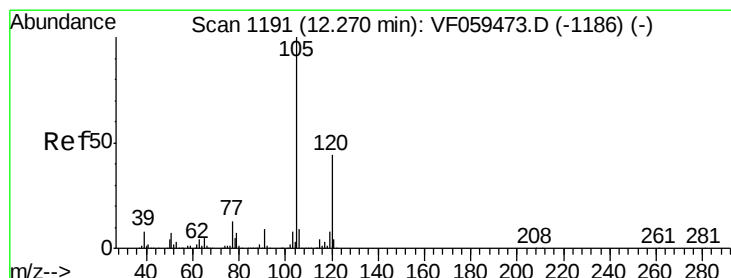
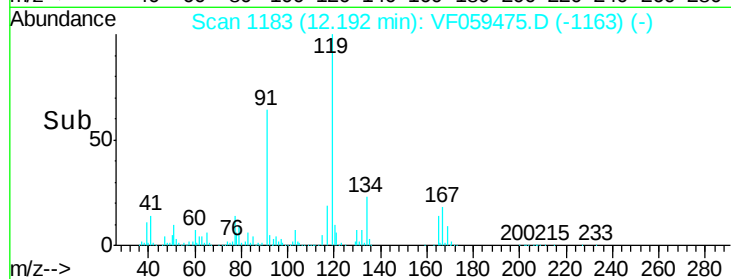
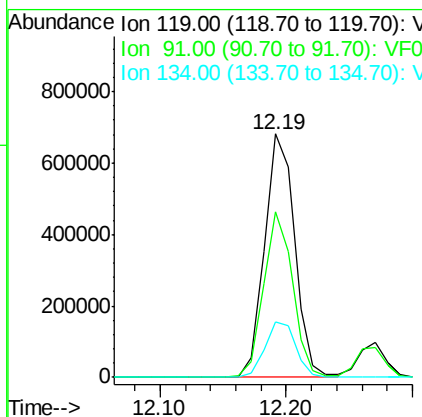
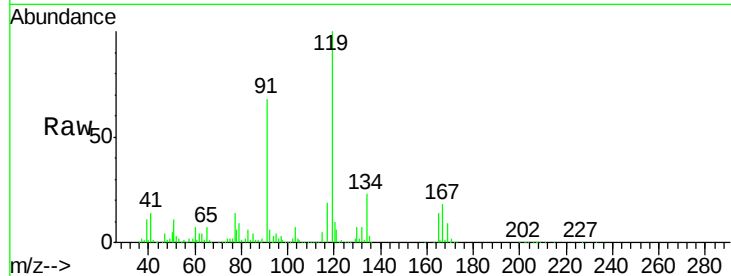
#83  
 tert-Butylbenzene  
 Concen: 94.88 ug/l  
 RT: 12.19 min Scan# 1183  
 Delta R.T. 0.00 min  
 Lab File: VF059475.D  
 Acq: 7 Jul 2018 4:22

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDIC100

Tot Ion:119 Resp: 1135769  
 Ion Ratio Lower Upper  
 119 100  
 91 68.1 34.4 103.3  
 134 23.0 10.8 32.4

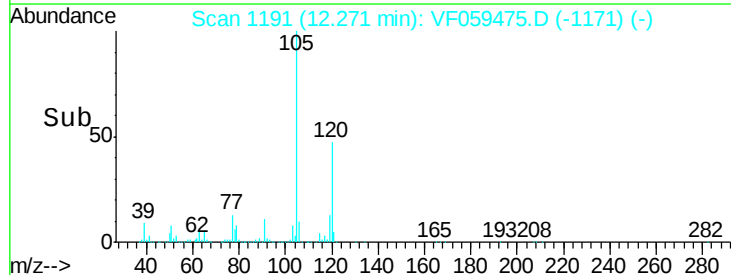
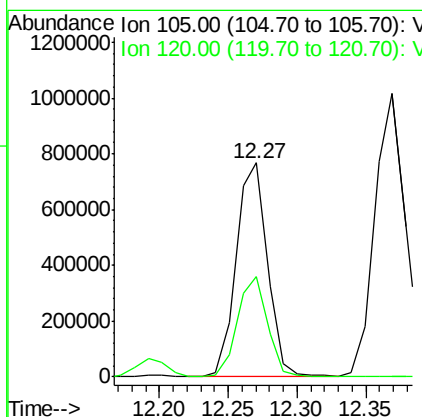
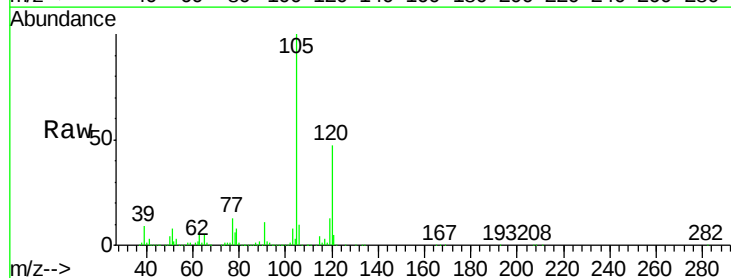
Manual Integrations  
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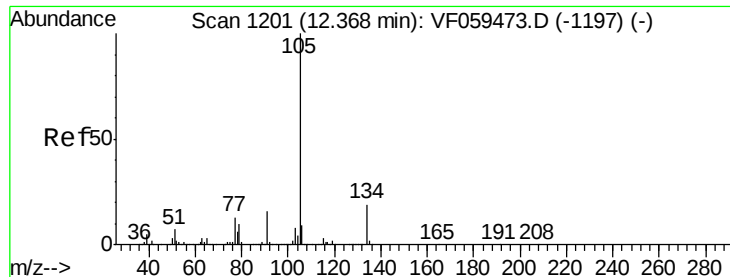
apatel  
 7/9/2018 9:34:45 AM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 96.02 ug/l  
 RT: 12.27 min Scan# 1191  
 Delta R.T. 0.00 min  
 Lab File: VF059475.D  
 Acq: 7 Jul 2018 4:22

Tgt Ion:105 Resp: 1213535  
 Ion Ratio Lower Upper  
 105 100  
 120 47.2 22.1 66.1





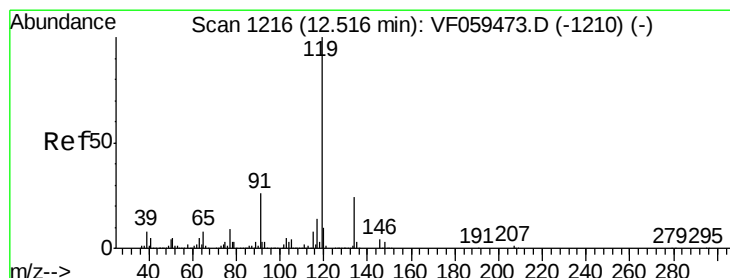
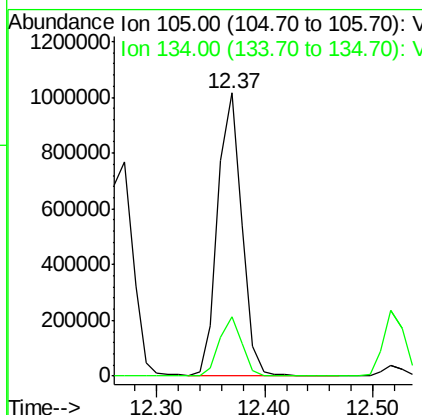
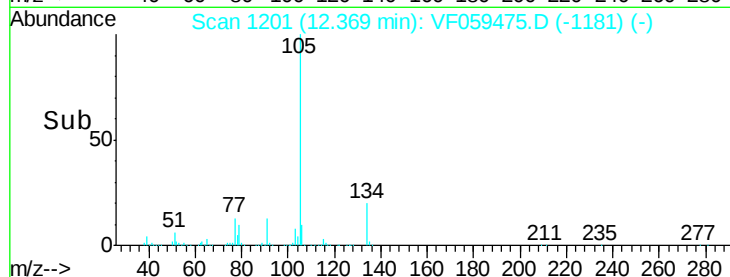
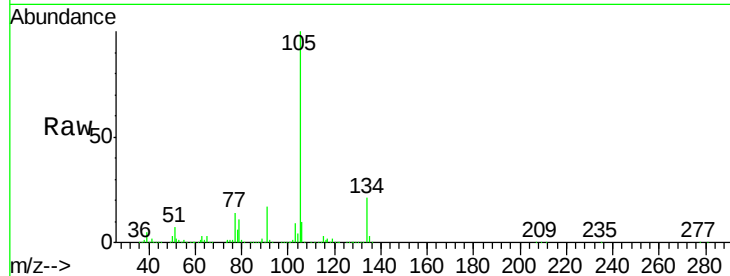
#85  
 sec-Butylbenzene  
 Concen: 98.37 ug/l  
 RT: 12.37 min Scan# 1201  
 Delta R.T. 0.00 min  
 Lab File: VF059475.D  
 Acq: 7 Jul 2018 4:22

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDIC100

Tot Ion:105 Resp: 1570816  
 Ion Ratio Lower Upper  
 105 100  
 134 21.0 9.6 28.6

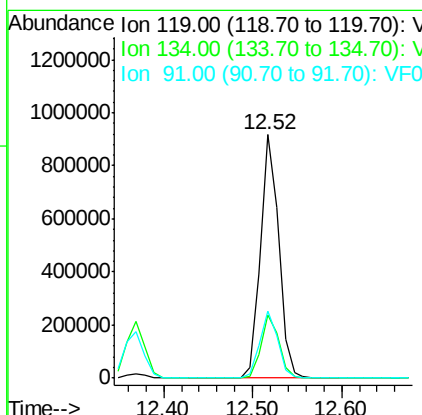
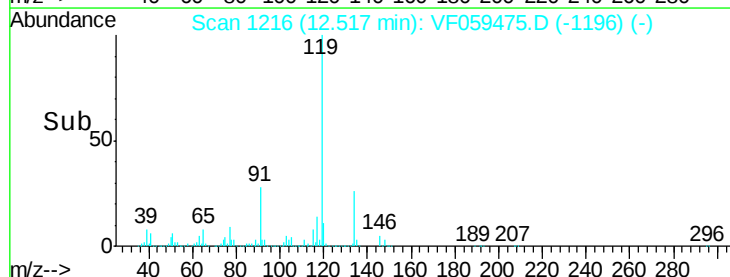
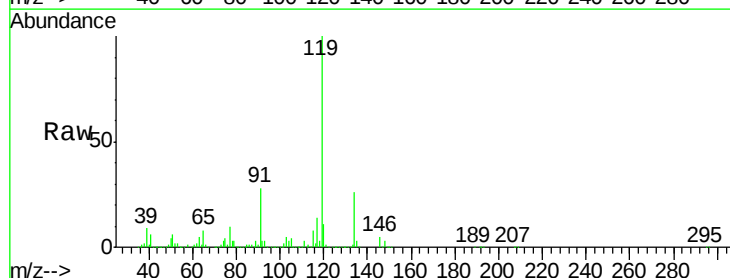
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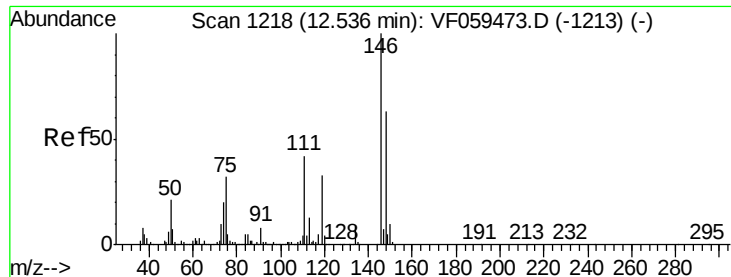
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#86  
 p-Isopropyltoluene  
 Concen: 95.83 ug/l  
 RT: 12.52 min Scan# 1216  
 Delta R.T. 0.00 min  
 Lab File: VF059475.D  
 Acq: 7 Jul 2018 4:22

Tgt Ion:119 Resp: 1287609  
 Ion Ratio Lower Upper  
 119 100  
 134 25.8 12.2 36.4  
 91 27.7 13.1 39.3





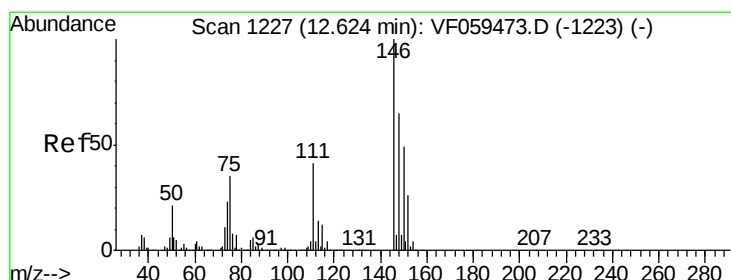
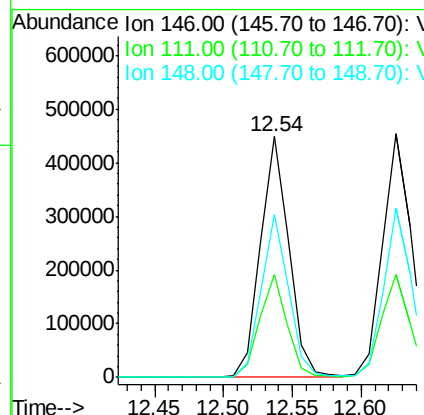
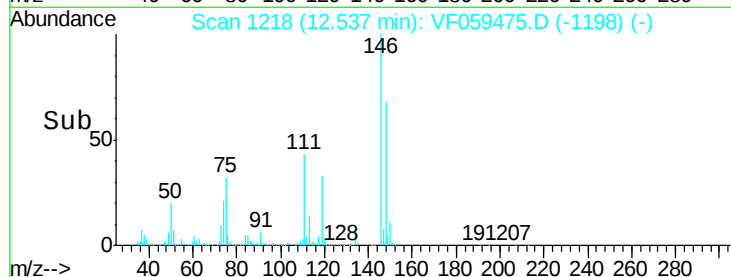
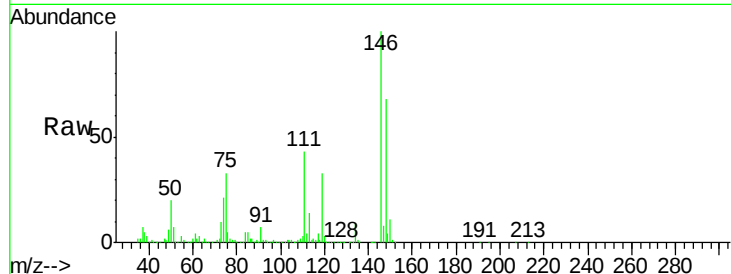
#87  
 1,3-Dichlorobenzene  
 Concen: 92.74 ug/l  
 RT: 12.54 min Scan# 1218  
 Delta R.T. 0.00 min  
 Lab File: VF059475.D  
 Acq: 7 Jul 2018 4:22

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDIC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.0  | 21.0  | 63.0  |
| 148     | 68.0  | 31.6  | 94.8  |

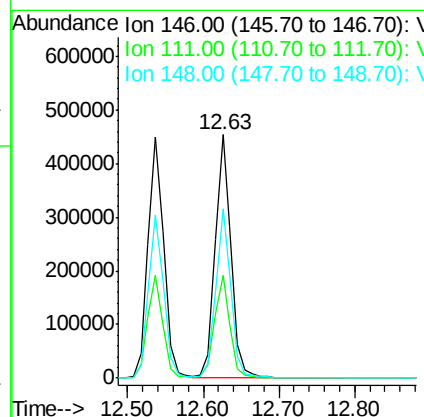
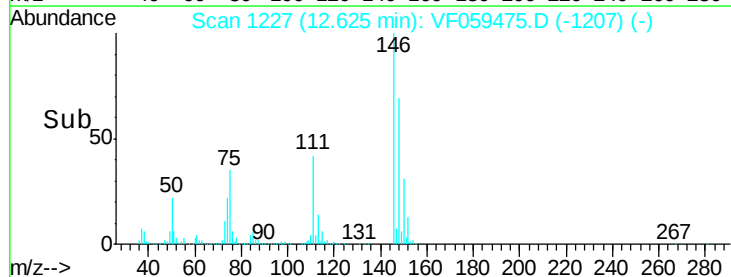
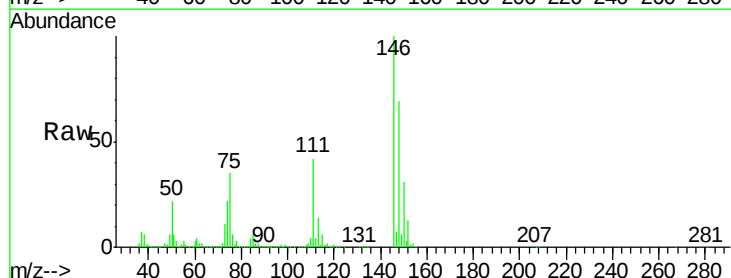
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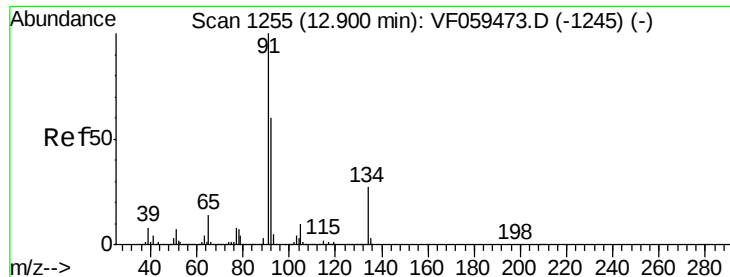
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#88  
 1,4-Dichlorobenzene  
 Concen: 98.38 ug/l  
 RT: 12.63 min Scan# 1227  
 Delta R.T. 0.00 min  
 Lab File: VF059475.D  
 Acq: 7 Jul 2018 4:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.2  | 20.8  | 62.2  |
| 148     | 69.4  | 32.6  | 97.8  |





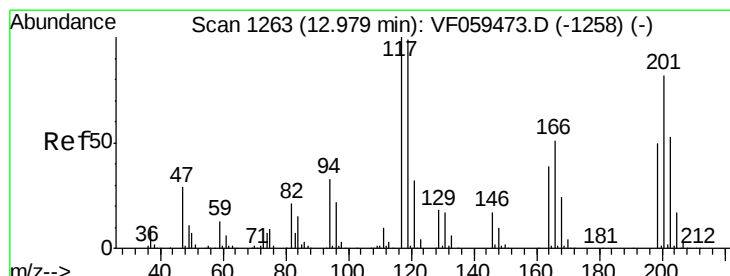
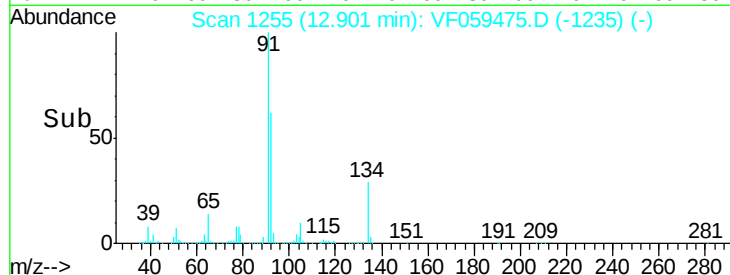
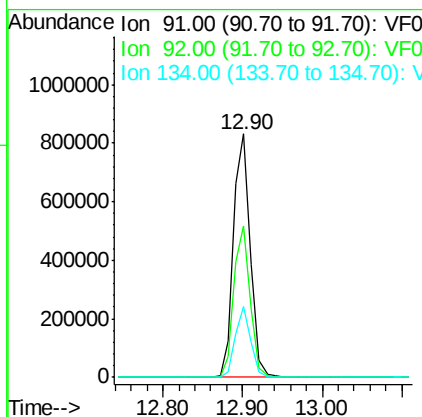
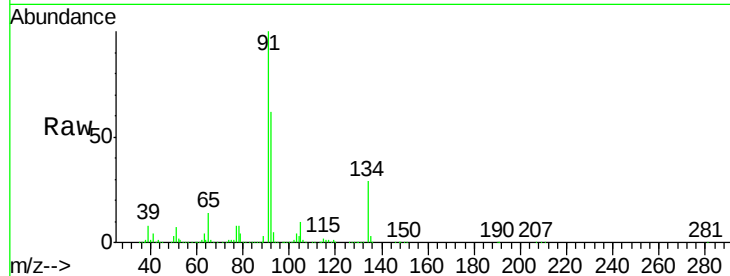
#89  
n-Butylbenzene  
Concen: 90.55 ug/l  
RT: 12.90 min Scan# 1255  
Delta R.T. 0.00 min  
Lab File: VF059475.D  
Acq: 7 Jul 2018 4:22

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC100

Tot Ion: 91 Resp: 1235308  
Ion Ratio Lower Upper  
91 100  
92 62.0 30.0 90.1  
134 29.2 13.3 39.9

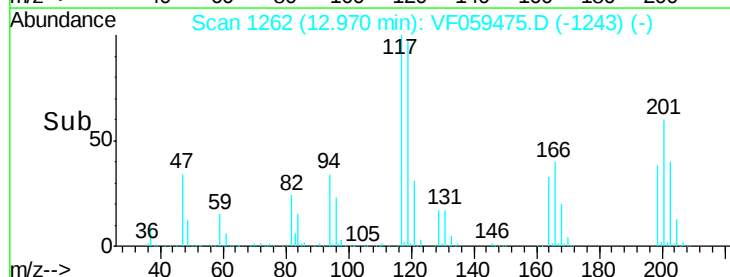
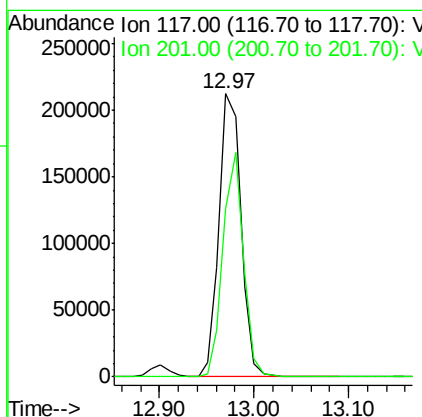
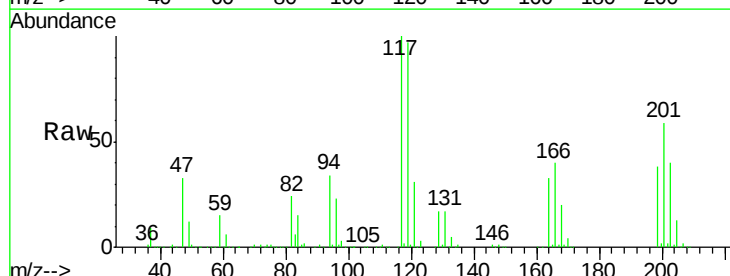
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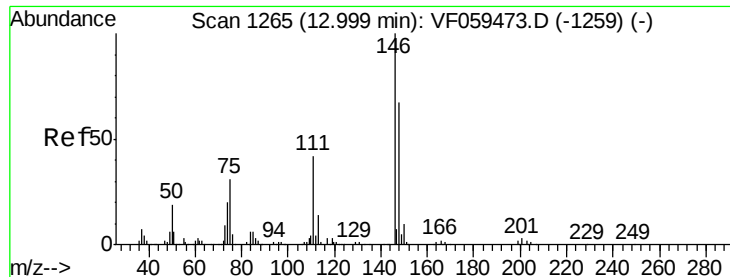
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#90  
Hexachloroethane  
Concen: 102.45 ug/l  
RT: 12.97 min Scan# 1262  
Delta R.T. -0.01 min  
Lab File: VF059475.D  
Acq: 7 Jul 2018 4:22

Tgt Ion: 117 Resp: 344102  
Ion Ratio Lower Upper  
117 100  
201 59.4 40.6 121.8





#91

1,2-Dichlorobenzene

Concen: 94.98 ug/l

RT: 13.00 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VF059475.D

Acq: 7 Jul 2018 4:22

Instrument :

MSVOA\_F

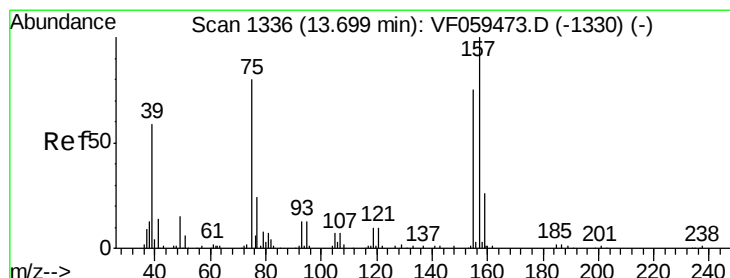
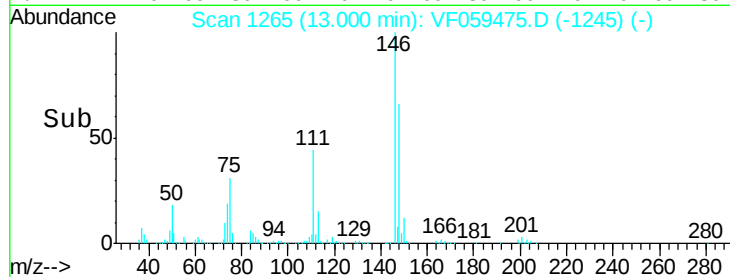
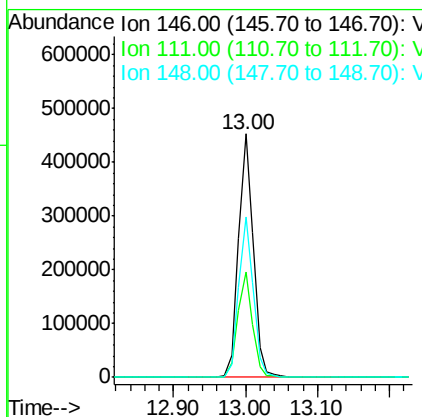
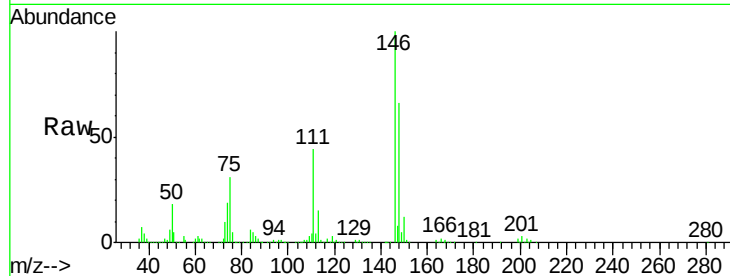
ClientSampleId :

VSTDIC100

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 653361 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 43.5  | 21.2  | 63.6   |
| 148       | 65.8  | 33.3  | 99.9   |

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#92

1,2-Dibromo-3-Chloropropane

Concen: 105.48 ug/l

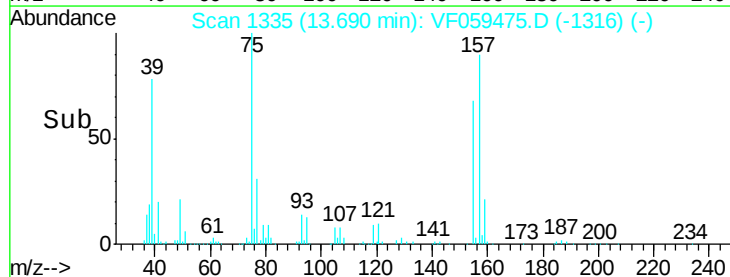
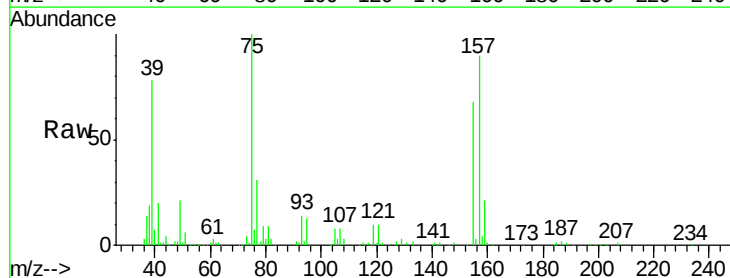
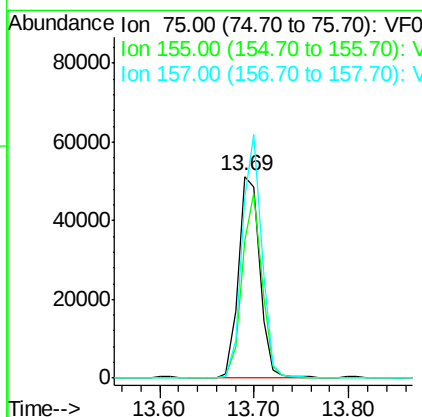
RT: 13.69 min Scan# 1335

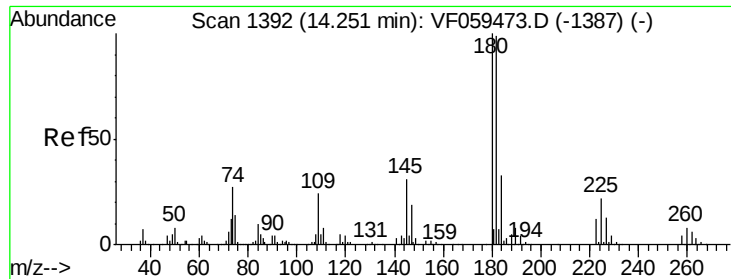
Delta R.T. -0.01 min

Lab File: VF059475.D

Acq: 7 Jul 2018 4:22

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 80867 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 67.9  | 47.3  | 141.8 |
| 157       | 89.7  | 62.6  | 187.8 |





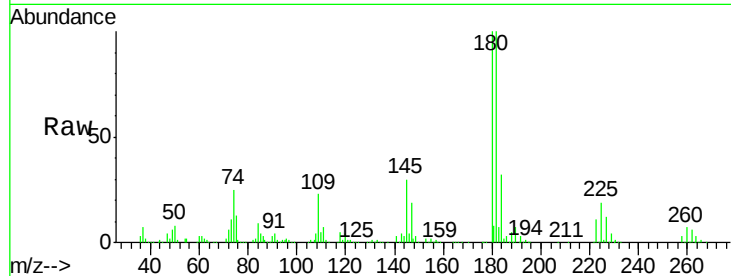
#93  
 1,2,4-Trichlorobenzene  
 Concen: 99.42 ug/l  
 RT: 14.25 min Scan# 1392  
 Delta R.T. 0.00 min  
 Lab File: VF059475.D  
 Acq: 7 Jul 2018 4:22

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDIC100

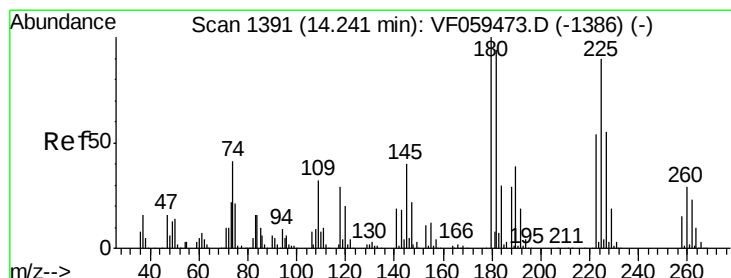
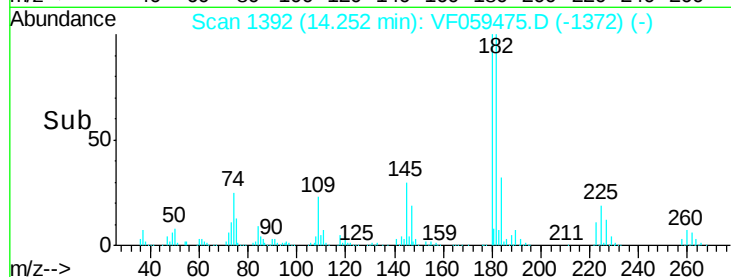
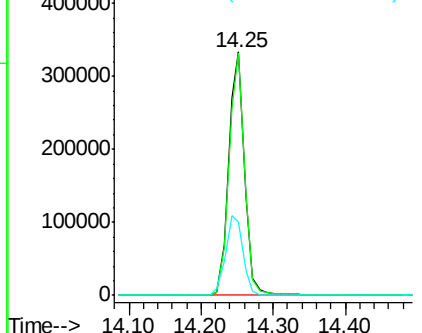
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 507946 |       |       |
| 182     | 99.6  | 49.5   | 148.7 |       |
| 145     | 30.3  | 15.4   | 46.2  |       |

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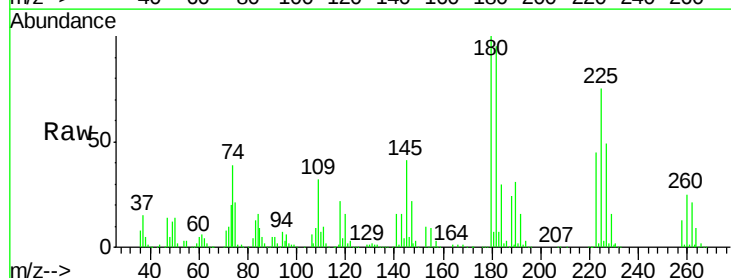


Abundance Ion 180.00 (179.70 to 180.70): V  
 Ion 182.00 (181.70 to 182.70): V  
 Ion 145.00 (144.70 to 145.70): V

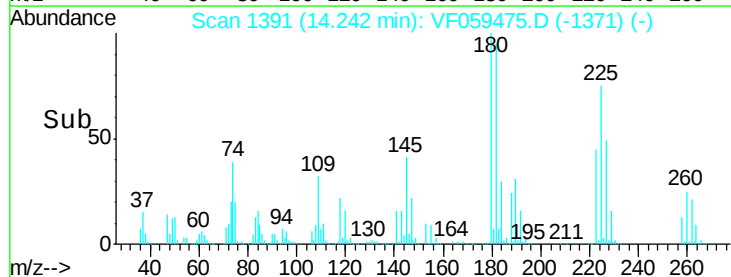
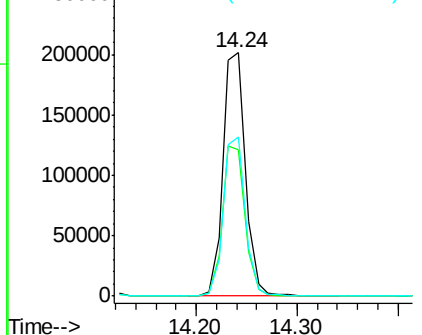


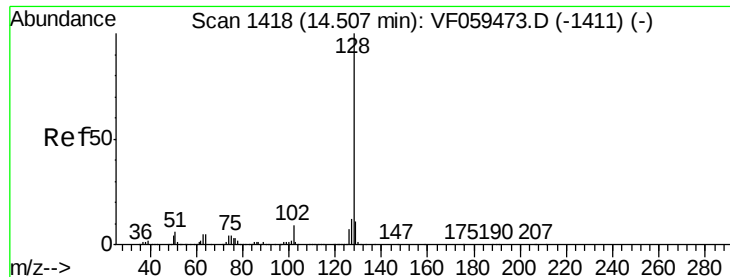
#94  
 Hexachlorobutadiene  
 Concen: 106.57 ug/l  
 RT: 14.24 min Scan# 1391  
 Delta R.T. 0.00 min  
 Lab File: VF059475.D  
 Acq: 7 Jul 2018 4:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 312265 |       |       |
| 223     | 60.4  | 30.1   | 90.5  |       |
| 227     | 65.4  | 30.8   | 92.4  |       |



Abundance Ion 225.00 (224.70 to 225.70): V  
 Ion 223.00 (222.70 to 223.70): V  
 Ion 227.00 (226.70 to 227.70): V





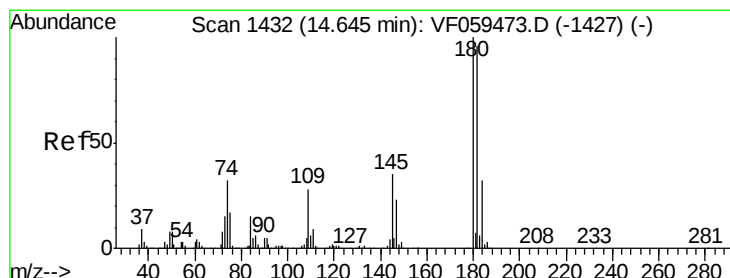
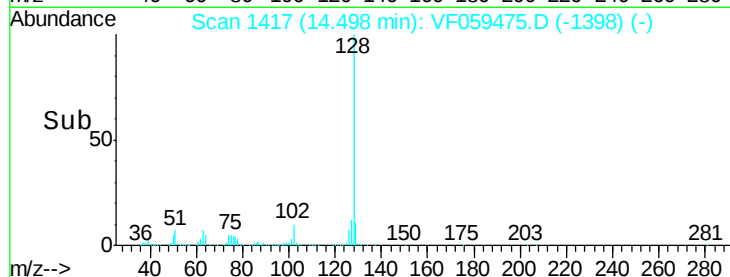
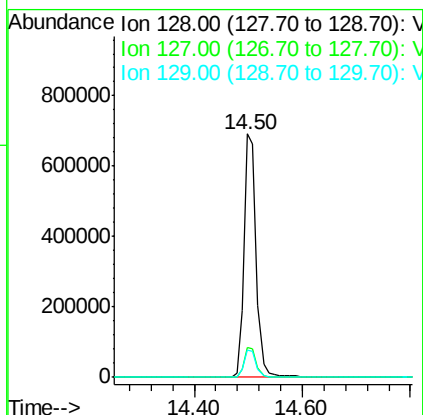
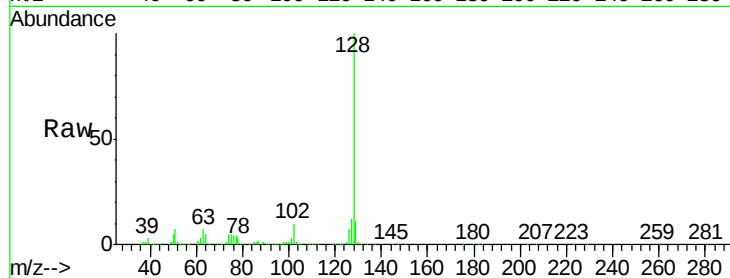
#95  
Naphthalene  
Concen: 102.37 ug/l  
RT: 14.50 min Scan# 1417  
Delta R.T. -0.01 min  
Lab File: VF059475.D  
Acq: 7 Jul 2018 4:22

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.3  | 9.9   | 14.9  |
| 129     | 11.4  | 9.0   | 13.6  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 103.61 ug/l  
RT: 14.65 min Scan# 1432  
Delta R.T. 0.00 min  
Lab File: VF059475.D  
Acq: 7 Jul 2018 4:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 99.7  | 47.9  | 143.7 |
| 145     | 34.8  | 17.5  | 52.5  |

