

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061618\  
 Data File : VX002674.D  
 Acq On : 17 Jun 2018 03:22  
 Operator : JC/MD  
 Sample : J3509-03MSD  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MWHR2-6-061318MSD

Quant Time: Jun 18 01:43:57 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X061518W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 16 01:37:33 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 214677   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 310932   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 296059   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.09 | 152  | 188982   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 153720   | 47.12 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 94.24%  |          |
| 35) Dibromofluoromethane    | 5.51  | 113  | 124870   | 50.32 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.64% |          |
| 50) Toluene-d8              | 8.72  | 98   | 456198   | 48.42 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 96.84%  |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 173459   | 48.58 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 97.16%  |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85   | 102417   | 44.939  | ug/l  | 99     |
| 3) Chloromethane              | 1.32 | 50   | 118623   | 43.756  | ug/l  | 99     |
| 4) Vinyl Chloride             | 1.41 | 62   | 132901   | 47.242  | ug/l  | 97     |
| 5) Bromomethane               | 1.64 | 94   | 73945    | 43.563  | ug/l  | 98     |
| 6) Chloroethane               | 1.73 | 64   | 88958    | 47.976  | ug/l  | 99     |
| 7) Trichlorofluoromethane     | 1.93 | 101  | 225573   | 49.353  | ug/l  | 96     |
| 8) Diethyl Ether              | 2.19 | 74   | 82556    | 47.490  | ug/l  | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101  | 121137   | 47.415  | ug/l  | 99     |
| 10) Methyl Iodide             | 2.51 | 142  | 146023   | 43.145  | ug/l  | 99     |
| 11) Tert butyl alcohol        | 3.07 | 59   | 136335   | 202.157 | ug/l  | 98     |
| 12) 1,1-Dichloroethene        | 2.37 | 96   | 114234   | 47.623  | ug/l  | 99     |
| 13) Acrolein                  | 2.30 | 56   | 59798    | 190.809 | ug/l  | 97     |
| 14) Allyl chloride            | 2.73 | 41   | 218957   | 45.973  | ug/l  | 98     |
| 15) Acrylonitrile             | 3.15 | 53   | 342596   | 232.798 | ug/l  | 99     |
| 16) Acetone                   | 2.45 | 43   | 318665   | 221.405 | ug/l  | 100    |
| 17) Carbon Disulfide          | 2.57 | 76   | 285241   | 50.137  | ug/l  | 99     |
| 18) Methyl Acetate            | 2.78 | 43   | 168586   | 43.966  | ug/l  | 98     |
| 19) Methyl tert-butyl Ether   | 3.21 | 73   | 425631   | 47.300  | ug/l  | 99     |
| 20) Methylene Chloride        | 2.86 | 84   | 130543   | 44.236  | ug/l  | 96     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96   | 123602   | 47.497  | ug/l  | 99     |
| 22) Diisopropyl ether         | 3.88 | 45   | 411557   | 47.762  | ug/l  | 97     |
| 23) Vinyl Acetate             | 3.83 | 43   | 1596241  | 221.330 | ug/l  | 99     |
| 24) 1,1-Dichloroethane        | 3.70 | 63   | 233933   | 50.019  | ug/l  | 99     |
| 25) 2-Butanone                | 4.71 | 43   | 445770   | 235.837 | ug/l  | 100    |
| 26) 2,2-Dichloropropane       | 4.59 | 77   | 121845   | 36.258  | ug/l  | 96     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96   | 131425   | 49.636  | ug/l  | 91     |
| 28) Bromochloromethane        | 5.03 | 49   | 103456   | 47.236  | ug/l  | 96     |
| 29) Tetrahydrofuran           | 5.17 | 42   | 290023   | 234.121 | ug/l  | 97     |
| 30) Chloroform                | 5.22 | 83   | 230663   | 51.146  | ug/l  | 97     |
| 31) Cyclohexane               | 5.57 | 56   | 180543   | 46.887  | ug/l  | 98     |
| 32) 1,1,1-Trichloroethane     | 5.50 | 97   | 199732   | 52.952  | ug/l  | 100    |
| 36) 1,1-Dichloropropene       | 5.81 | 75   | 161000   | 48.754  | ug/l  | 99     |
| 37) Ethyl Acetate             | 4.87 | 43   | 166851   | 44.640  | ug/l  | 99     |
| 38) Carbon Tetrachloride      | 5.79 | 117  | 173455   | 52.748  | ug/l  | 98     |

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 Sample : J3509-03MSD  
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 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MWHR2-6-061318MSD

Quant Time: Jun 18 01:43:57 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X061518W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 16 01:37:33 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 181504   | 47.016  | ug/l   | 96       |
| 40) Benzene                    | 6.15  | 78   | 488929   | 49.378  | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.07  | 41   | 103052   | 48.831  | ug/l   | 98       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 191175   | 49.868  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 6.47  | 43   | 282963   | 45.693  | ug/l   | 99       |
| 44) Trichloroethene            | 7.22  | 130  | 141533   | 49.522  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 131021   | 50.276  | ug/l   | 99       |
| 46) Dibromomethane             | 7.67  | 93   | 89579    | 51.387  | ug/l   | 98       |
| 47) Bromodichloromethane       | 7.90  | 83   | 166371   | 54.111  | ug/l   | 100      |
| 48) Methyl methacrylate        | 7.78  | 41   | 153499   | 48.505  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 7.76  | 88   | 50413    | 841.206 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 965173   | 242.740 | ug/l   | 100      |
| 52) Toluene                    | 8.79  | 92   | 318610   | 50.442  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 8.44  | 75   | 183592   | 45.343  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.05  | 75   | 170900   | 44.402  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 9.22  | 97   | 132895   | 52.069  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 197416   | 50.262  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 9.38  | 76   | 214551   | 49.703  | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.50  | 43   | 726404   | 242.442 | ug/l   | 98       |
| 60) Dibromochloromethane       | 9.59  | 129  | 137991   | 48.209  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.68  | 107  | 139285   | 52.693  | ug/l   | 100      |
| 64) Tetrachloroethene          | 9.34  | 164  | 144358   | 43.927  | ug/l   | 99       |
| 65) Chlorobenzene              | 10.14 | 112  | 368677   | 50.707  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.23 | 131  | 135797   | 54.784  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.26 | 91   | 619821   | 50.542  | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.36 | 106  | 476975   | 100.828 | ug/l   | 99       |
| 69) o-Xylene                   | 10.70 | 106  | 234354   | 50.423  | ug/l   | 98       |
| 70) Styrene                    | 10.71 | 104  | 394303   | 51.586  | ug/l   | 99       |
| 71) Bromoform                  | 10.86 | 173  | 103953   | 46.446  | ug/l   | 100      |
| 73) Isopropylbenzene           | 11.02 | 105  | 630330   | 49.871  | ug/l   | 100      |
| 74) N-amyl acetate             | 6.47  | 43   | 282963   | 45.059  | ug/l # | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 196106   | 52.540  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 216853   | 60.810  | ug/l   | 79       |
| 77) Bromobenzene               | 11.26 | 156  | 179023   | 50.841  | ug/l   | 97       |
| 78) n-propylbenzene            | 11.37 | 91   | 716728   | 49.445  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.43 | 91   | 424060   | 48.999  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 528794   | 49.506  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.08 | 75   | 44381    | 40.674  | ug/l   | 94       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 509847   | 49.926  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 527209   | 51.235  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 547705   | 50.251  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.95 | 105  | 636723   | 49.763  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 574759   | 49.647  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.03 | 146  | 322504   | 49.942  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 330582   | 50.313  | ug/l   | 98       |
| 89) n-Butylbenzene             | 12.39 | 91   | 506567   | 49.601  | ug/l   | 100      |
| 90) Hexachloroethane           | 12.60 | 117  | 84513    | 46.998  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 12.40 | 146  | 324990   | 50.004  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.01 | 75   | 42287    | 54.088  | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene     | 13.65 | 180  | 237360   | 50.320  | ug/l   | 99       |

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Sample : J3509-03MSD  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 24 Sample Multiplier: 1

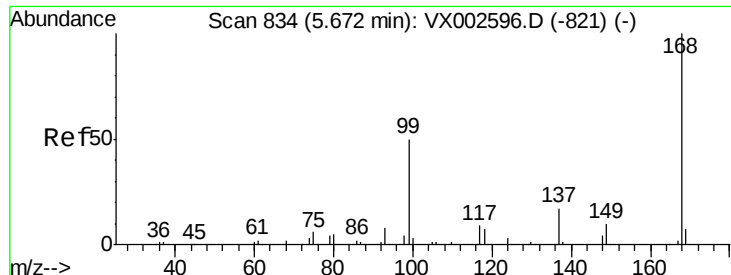
Instrument :  
MSVOA\_X  
ClientSampleId :  
MWHR2-6-061318MSD

Quant Time: Jun 18 01:43:57 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X061518W.M  
Quant Title : SW846 8260  
QLast Update : Sat Jun 16 01:37:33 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 94) Hexachlorobutadiene    | 13.79 | 225  | 116060   | 46.708 | ug/l  | 99       |
| 95) Naphthalene            | 13.84 | 128  | 668678   | 52.681 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 241903   | 51.061 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002674.D

Acq: 17 Jun 2018 03:22

Instrument :

MSVOA\_X

ClientSampleId :

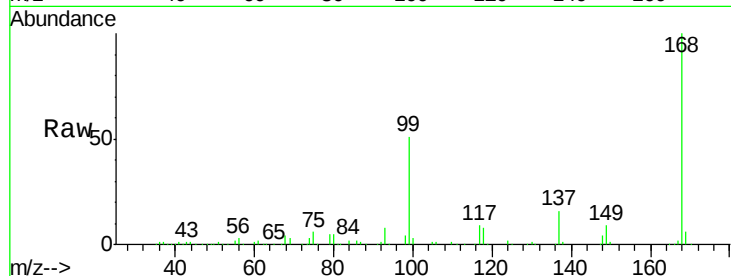
MWHR2-6-061318MSD

Tot Ion:168 Resp: 214677

Ion Ratio Lower Upper

168 100

99 50.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

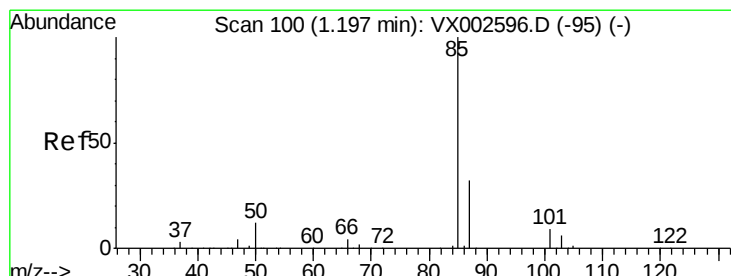
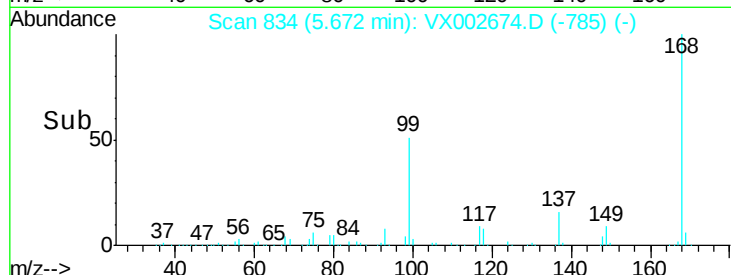
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 44.939 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002674.D

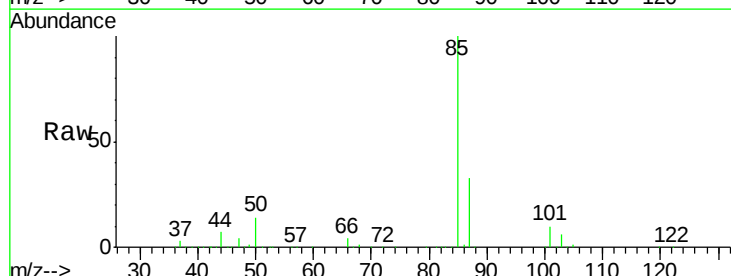
Acq: 17 Jun 2018 03:22

Tgt Ion: 85 Resp: 102417

Ion Ratio Lower Upper

85 100

87 32.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

120000

100000

80000

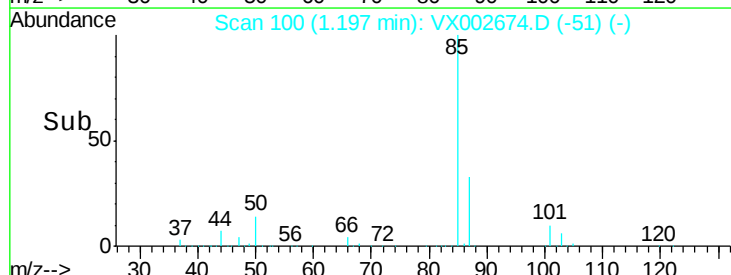
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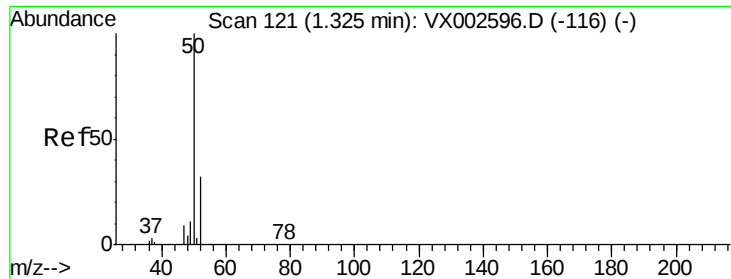
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 43.756 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002674.D

Acq: 17 Jun 2018 03:22

Instrument :

MSVOA\_X

ClientSampleId :

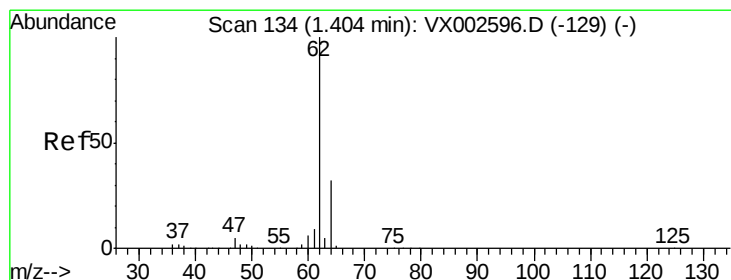
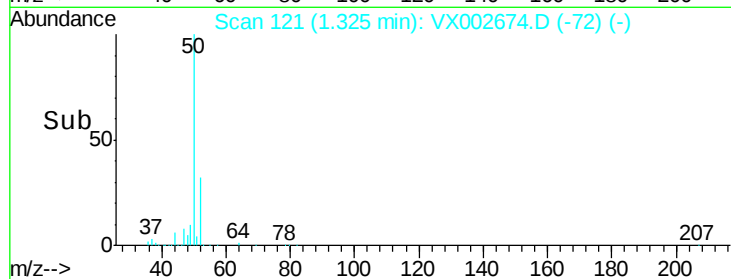
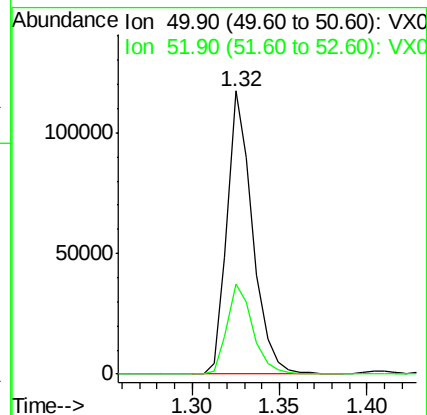
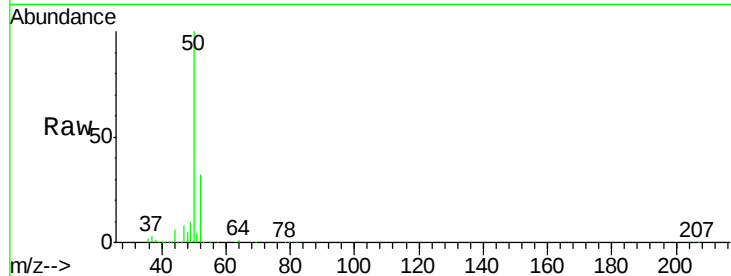
MWHR2-6-061318MSD

Tot Ion: 50 Resp: 118623

Ion Ratio Lower Upper

50 100

52 31.8 25.7 38.5



#4

Vinyl Chloride

Concen: 47.242 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002674.D

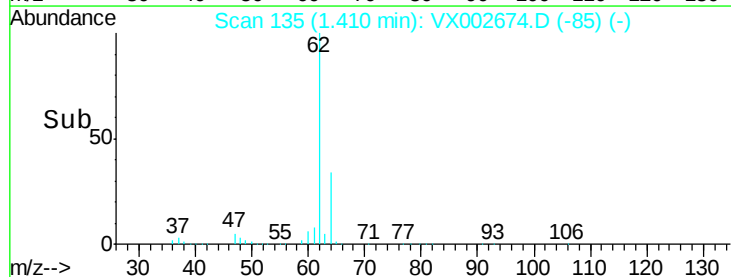
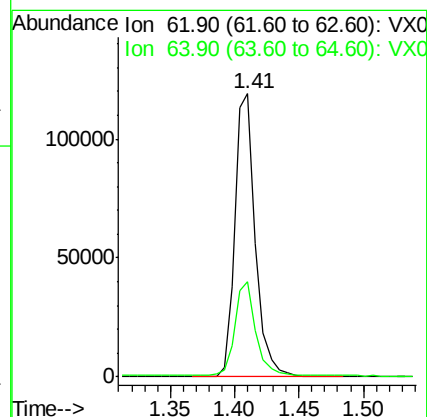
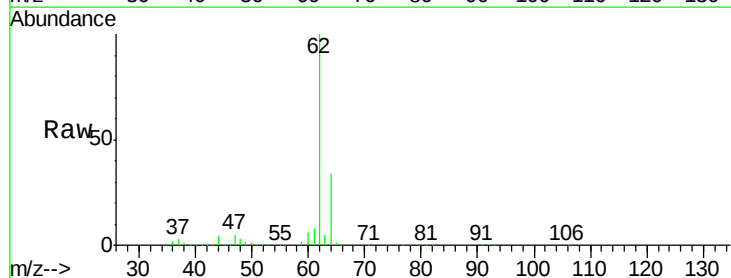
Acq: 17 Jun 2018 03:22

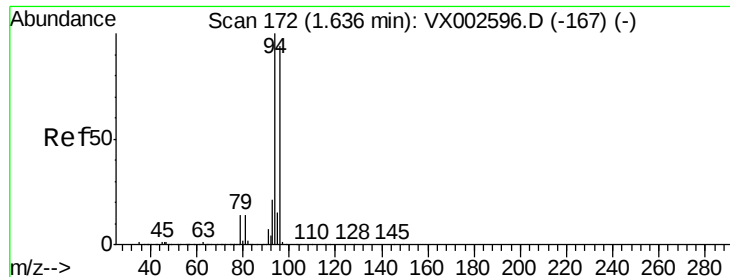
Tgt Ion: 62 Resp: 132901

Ion Ratio Lower Upper

62 100

64 33.2 25.4 38.2





#5

Bromomethane

Concen: 43.563 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002674.D

Acq: 17 Jun 2018 03:22

Instrument :

MSVOA\_X

ClientSampleId :

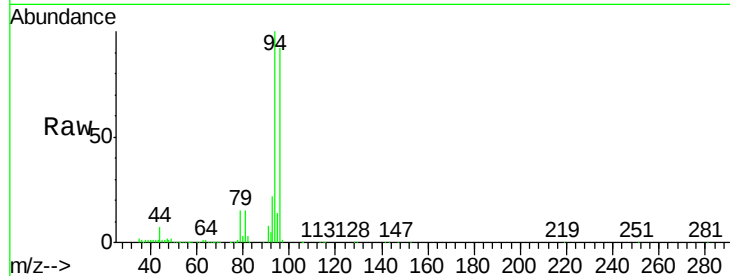
MWHR2-6-061318MSD

Tot Ion: 94 Resp: 73945

Ion Ratio Lower Upper

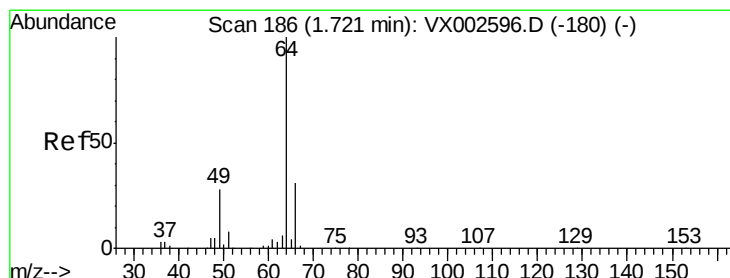
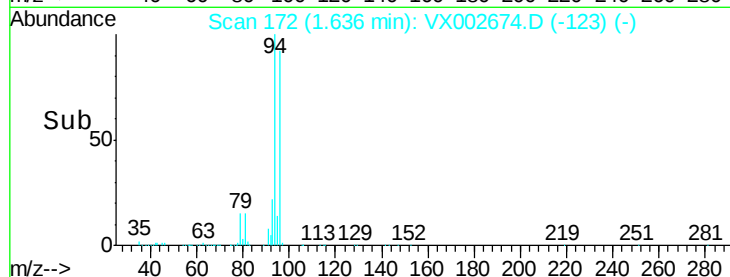
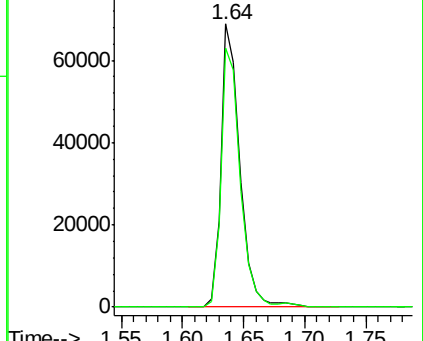
94 100

96 91.7 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.976 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002674.D

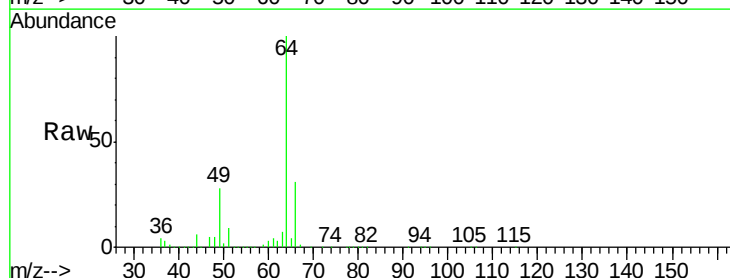
Acq: 17 Jun 2018 03:22

Tgt Ion: 64 Resp: 88958

Ion Ratio Lower Upper

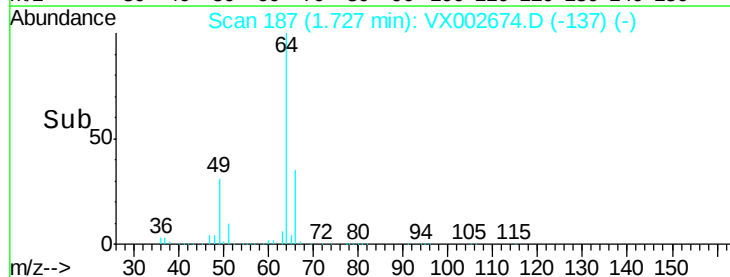
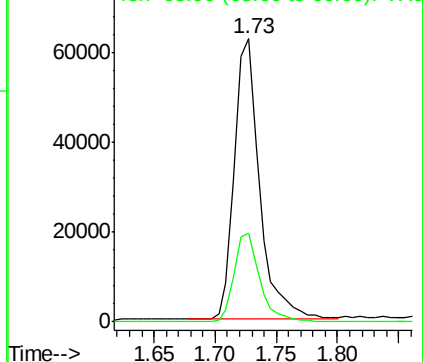
64 100

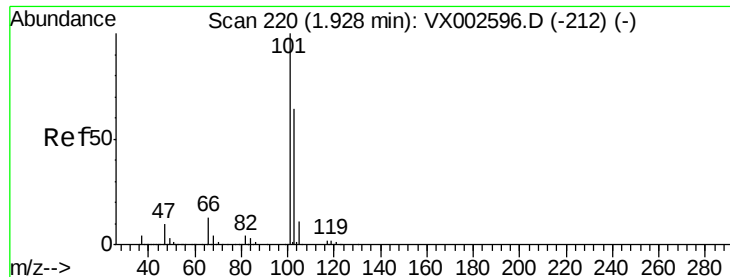
66 31.5 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



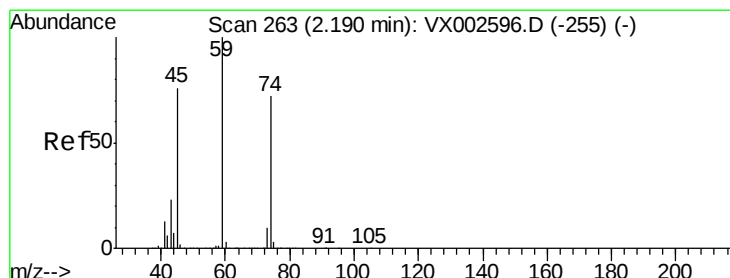
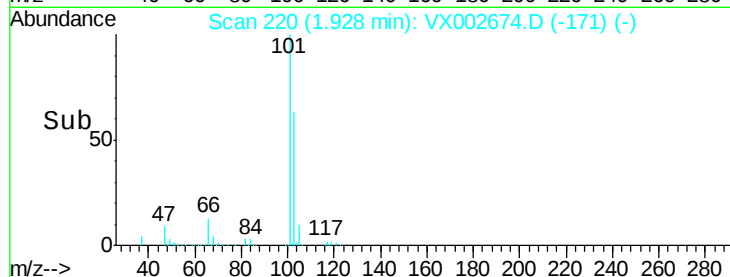
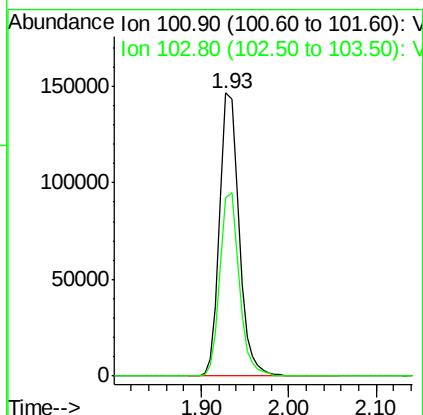
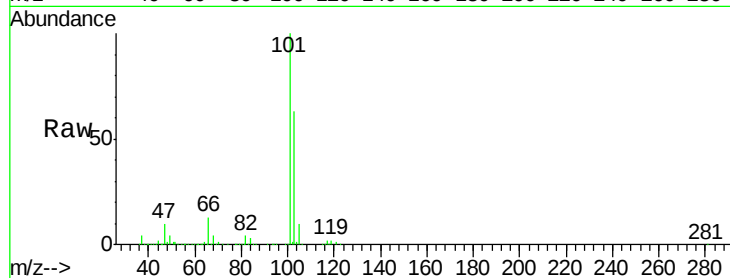


#7

Trichlorofluoromethane  
Concen: 49.353 ug/l  
RT: 1.93 min Scan# 220  
Delta R.T. 0.00 min  
Lab File: VX002674.D  
Acq: 17 Jun 2018 03:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
MWHR2-6-061318MSD

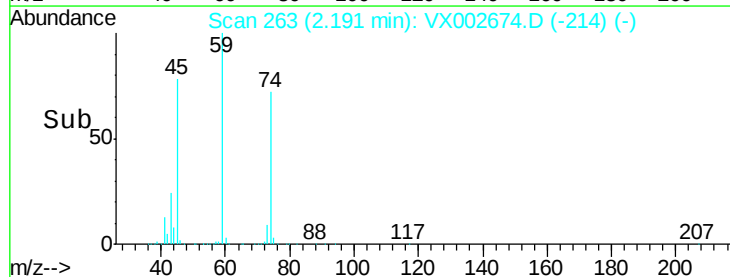
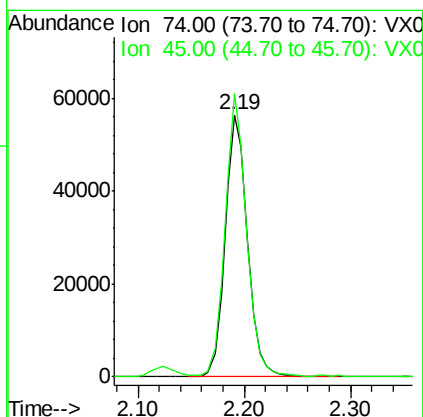
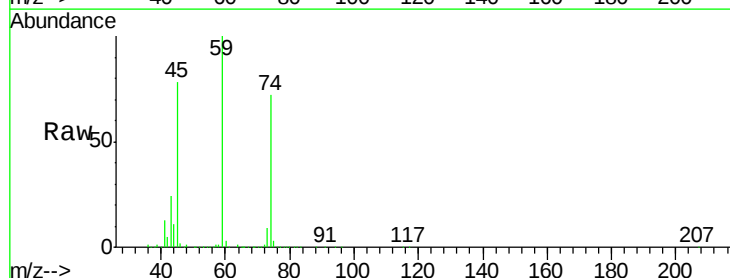
Tot Ion:101 Resp: 225573  
Ion Ratio Lower Upper  
101 100  
103 63.2 52.8 79.2

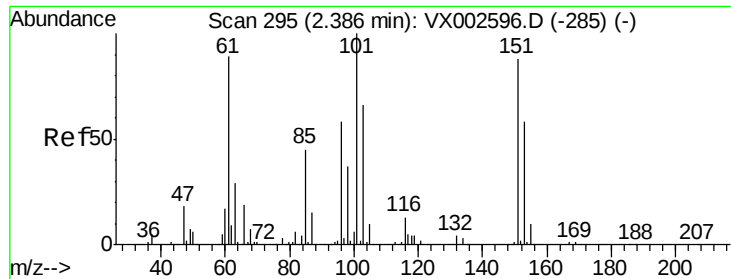


#8

Diethyl Ether  
Concen: 47.490 ug/l  
RT: 2.19 min Scan# 263  
Delta R.T. 0.00 min  
Lab File: VX002674.D  
Acq: 17 Jun 2018 03:22

Tgt Ion: 74 Resp: 82556  
Ion Ratio Lower Upper  
74 100  
45 103.0 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.415 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX002674.D

Acq: 17 Jun 2018 03:22

Instrument :

MSVOA\_X

ClientSampleId :

MWHR2-6-061318MSD

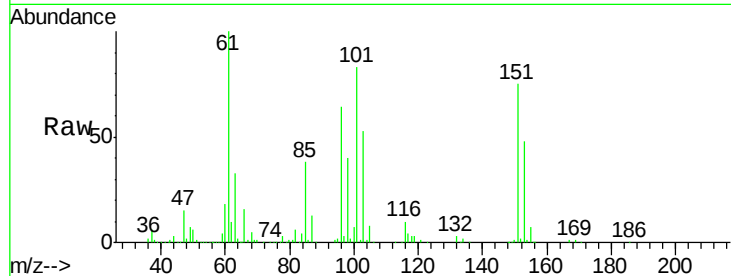
Tot Ion:101 Resp: 121137

Ion Ratio Lower Upper

101 100

85 45.8 36.0 54.0

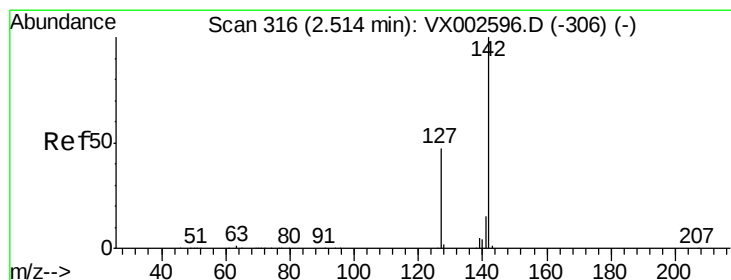
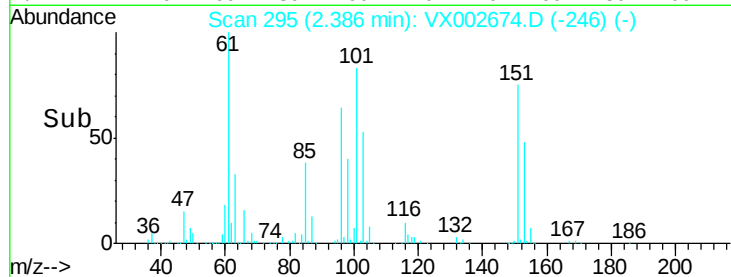
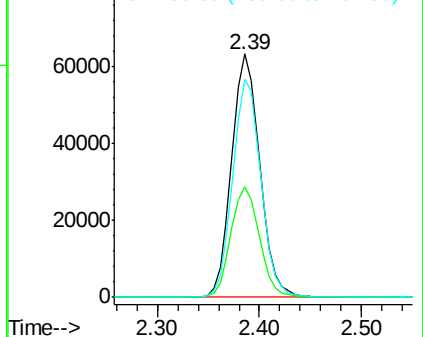
151 89.6 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 43.145 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX002674.D

Acq: 17 Jun 2018 03:22

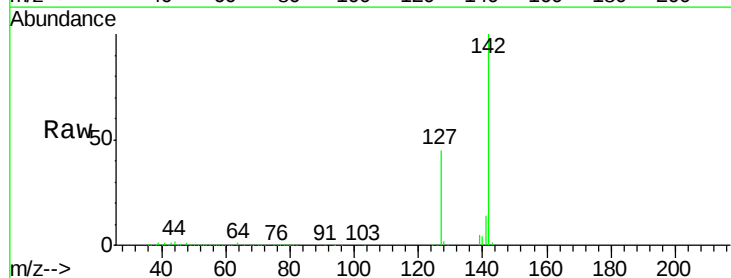
Tgt Ion:142 Resp: 146023

Ion Ratio Lower Upper

142 100

127 46.8 36.6 55.0

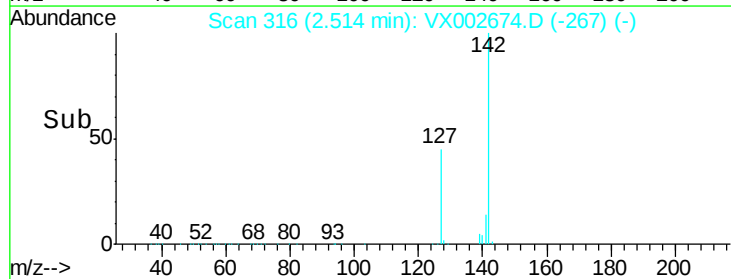
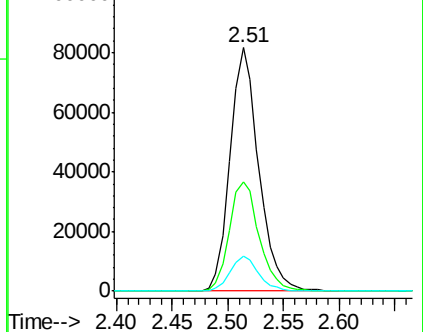
141 14.4 11.3 16.9

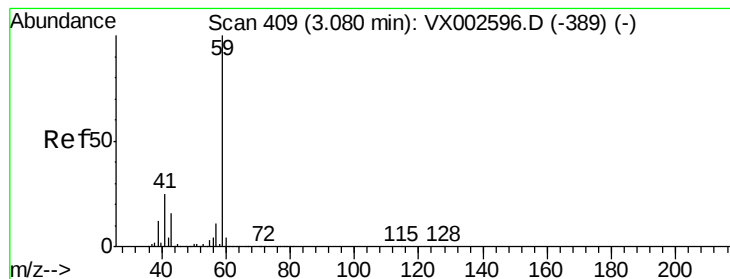


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 202.157 ug/l

RT: 3.07 min Scan# 408

Delta R.T. -0.01 min

Lab File: VX002674.D

Acq: 17 Jun 2018 03:22

Instrument :

MSVOA\_X

ClientSampleId :

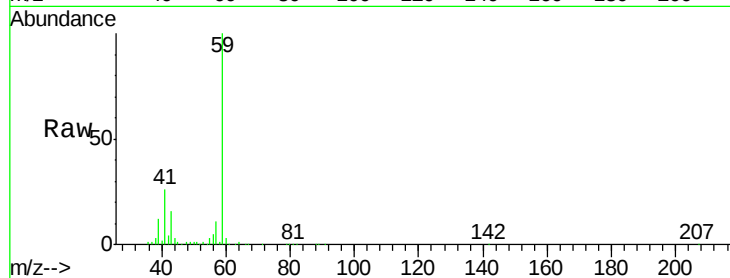
MWHR2-6-061318MSD

Tot Ion: 59 Resp: 136335

Ion Ratio Lower Upper

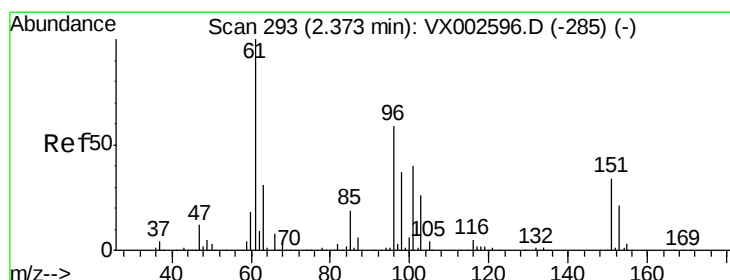
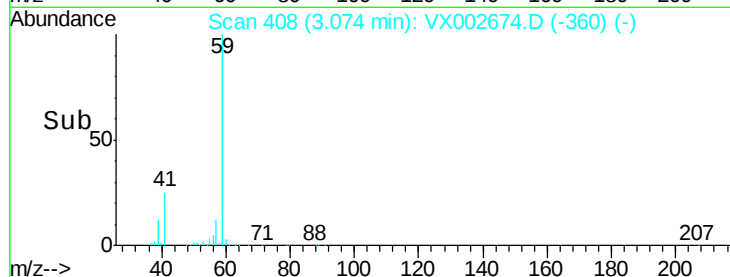
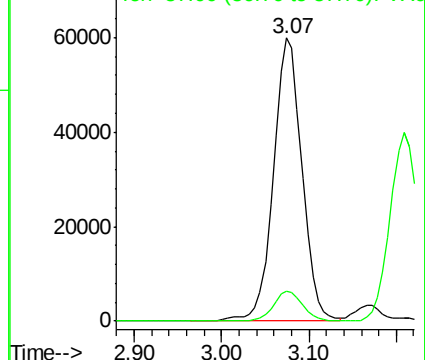
59 100

57 10.8 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 47.623 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.00 min

Lab File: VX002674.D

Acq: 17 Jun 2018 03:22

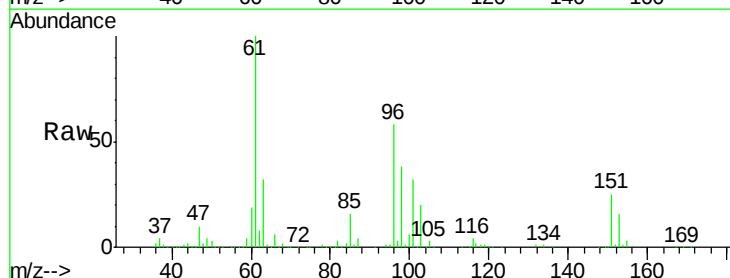
Tgt Ion: 96 Resp: 114234

Ion Ratio Lower Upper

96 100

61 173.7 137.9 206.9

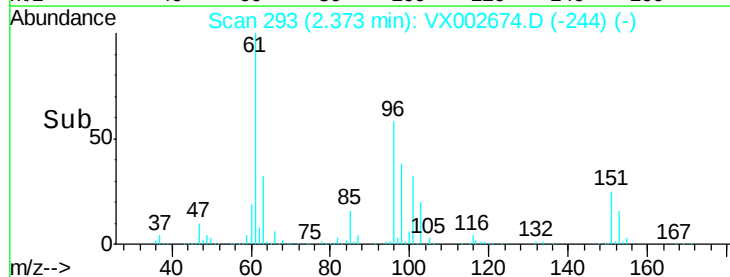
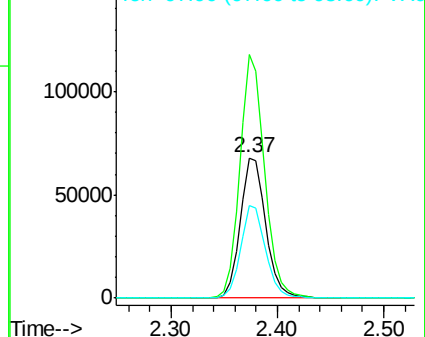
98 65.6 51.6 77.4

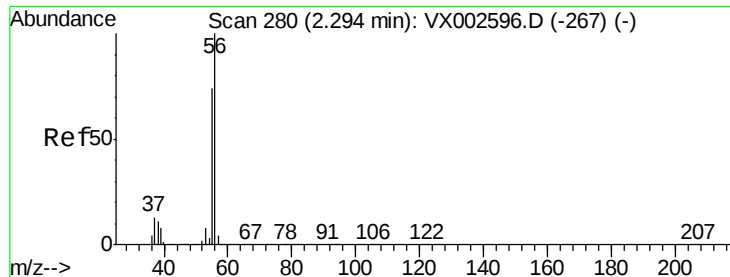


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 190.809 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX002674.D

Acq: 17 Jun 2018 03:22

Instrument :

MSVOA\_X

ClientSampleId :

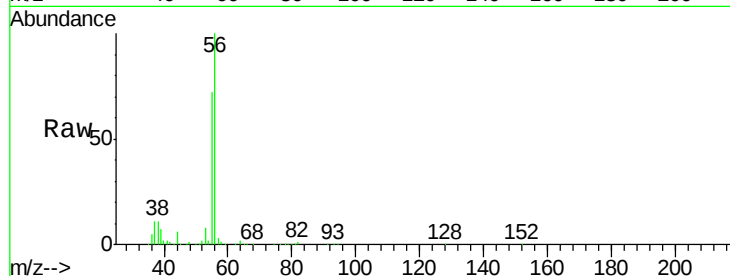
MWHR2-6-061318MSD

Tot Ion: 56 Resp: 59798

Ion Ratio Lower Upper

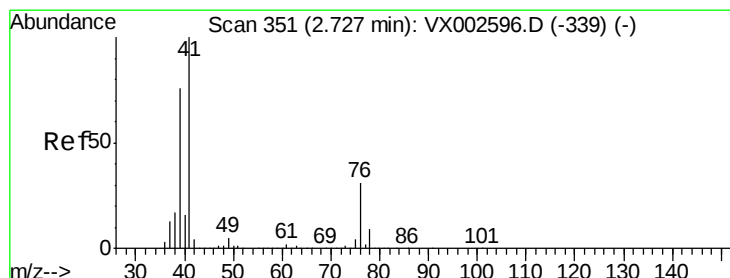
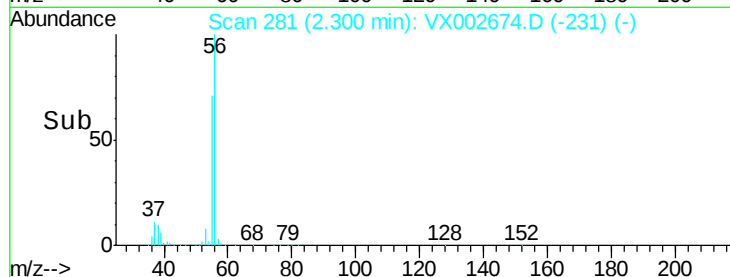
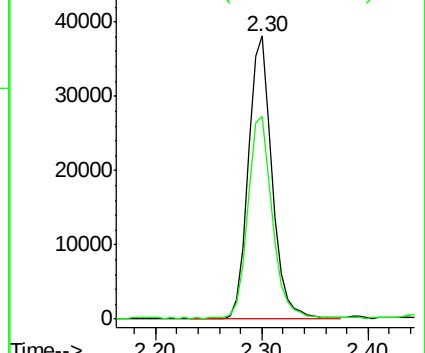
56 100

55 73.7 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 45.973 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002674.D

Acq: 17 Jun 2018 03:22

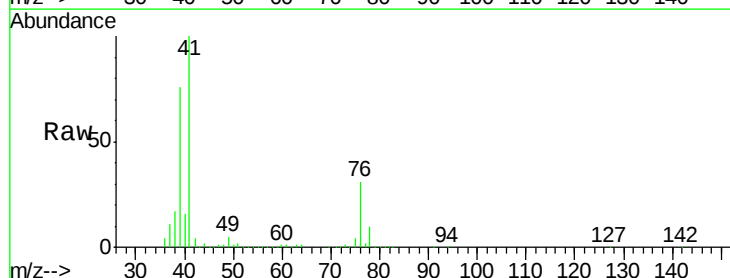
Tgt Ion: 41 Resp: 218957

Ion Ratio Lower Upper

41 100

39 73.1 56.8 85.2

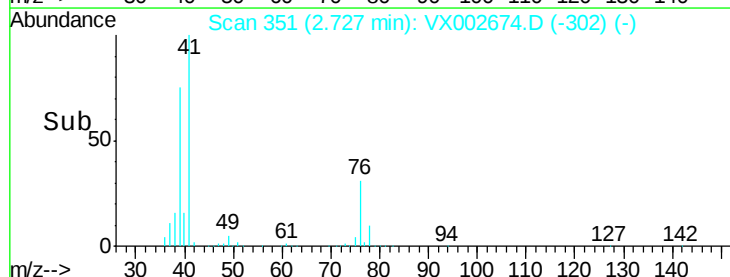
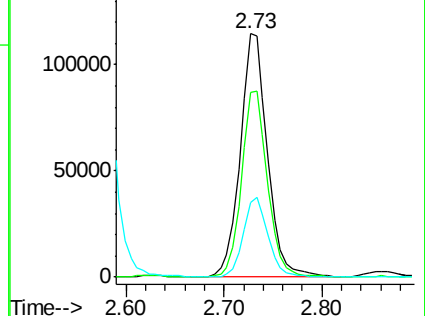
76 29.9 23.8 35.8

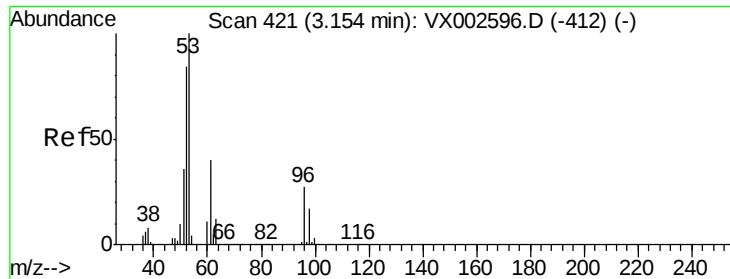


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 232.798 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002674.D

Acq: 17 Jun 2018 03:22

Instrument :

MSVOA\_X

ClientSampleId :

MWHR2-6-061318MSD

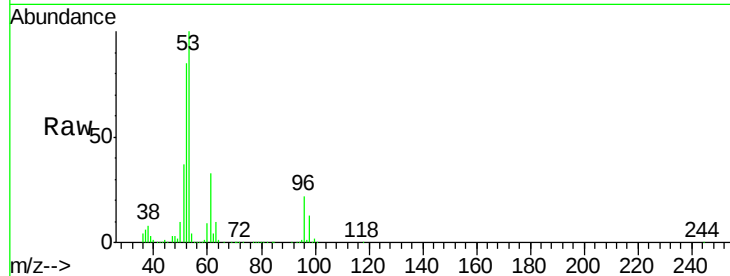
Tot Ion: 53 Resp: 342596

Ion Ratio Lower Upper

53 100

52 84.1 66.7 100.1

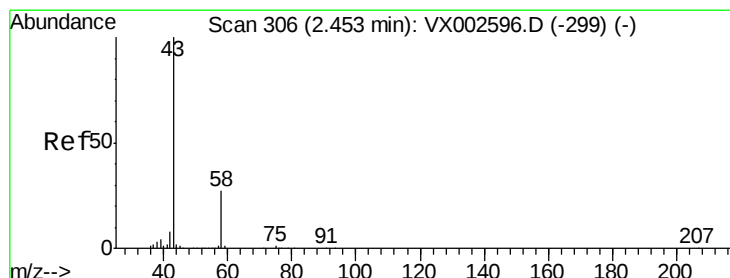
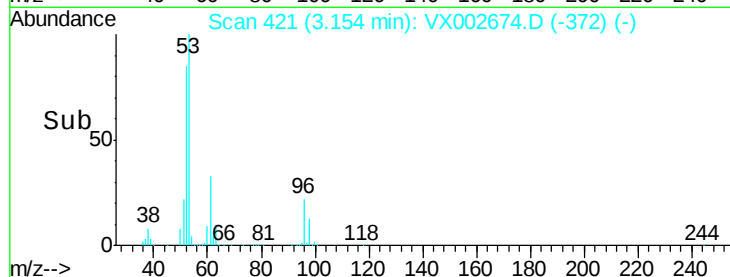
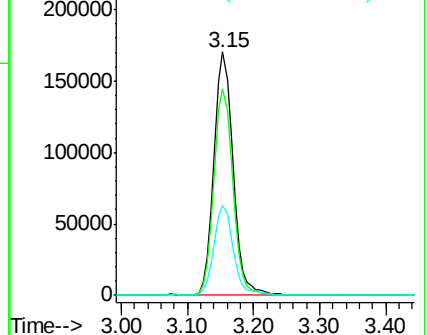
51 37.2 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 221.405 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002674.D

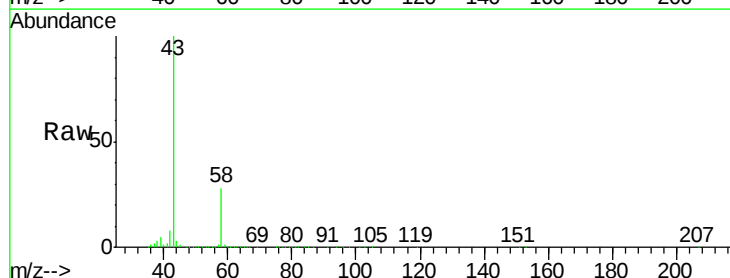
Acq: 17 Jun 2018 03:22

Tgt Ion: 43 Resp: 318665

Ion Ratio Lower Upper

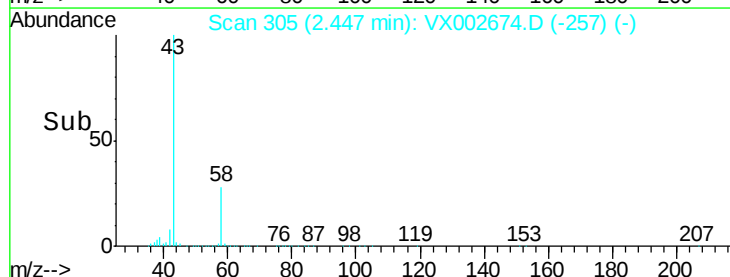
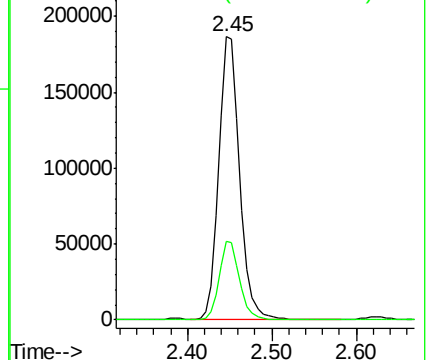
43 100

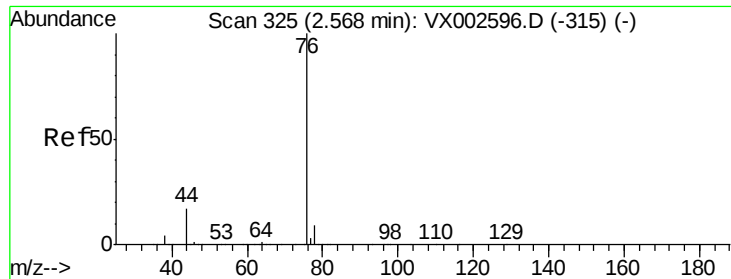
58 27.7 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 50.137 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX002674.D

Acq: 17 Jun 2018 03:22

Instrument :

MSVOA\_X

ClientSampleId :

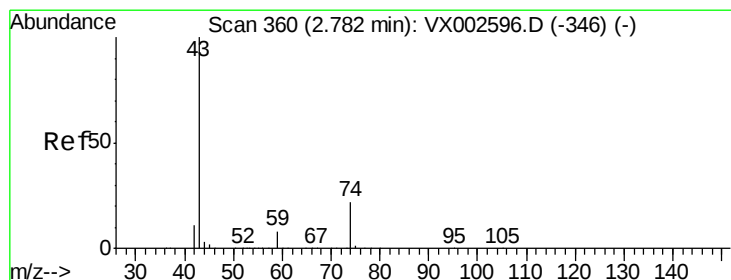
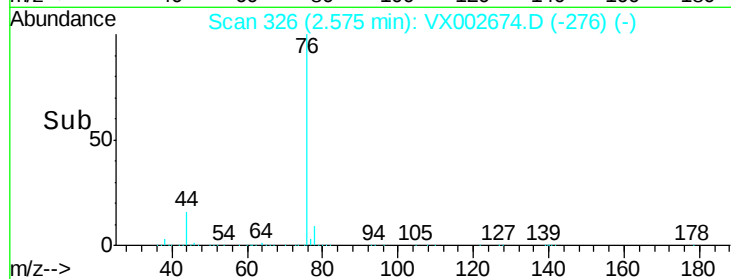
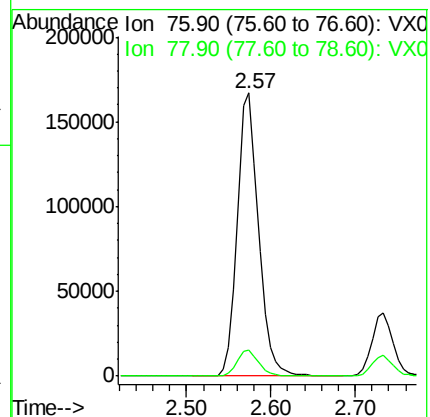
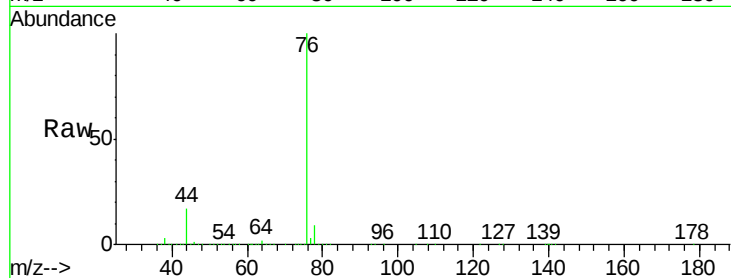
MWHR2-6-061318MSD

Tot Ion: 76 Resp: 285241

Ion Ratio Lower Upper

76 100

78 9.1 6.9 10.3



#18

Methyl Acetate

Concen: 43.966 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002674.D

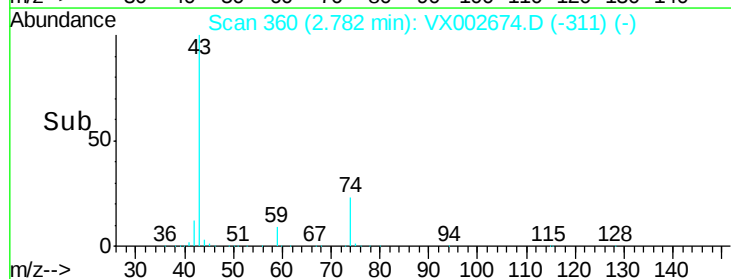
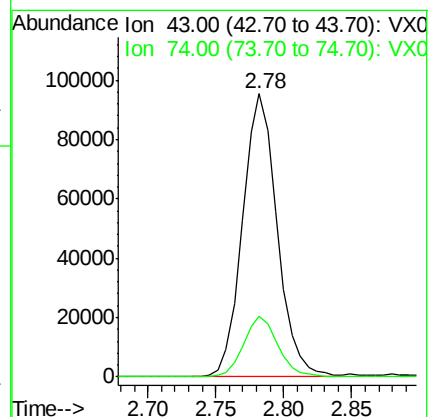
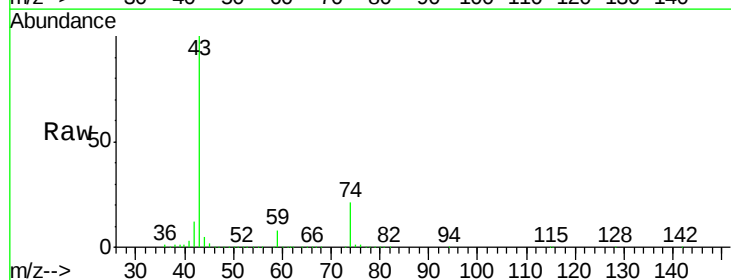
Acq: 17 Jun 2018 03:22

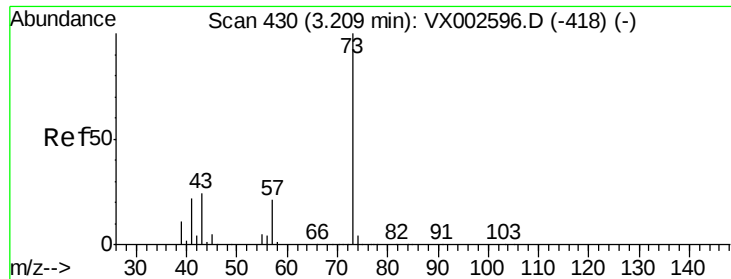
Tgt Ion: 43 Resp: 168586

Ion Ratio Lower Upper

43 100

74 21.7 16.7 25.1

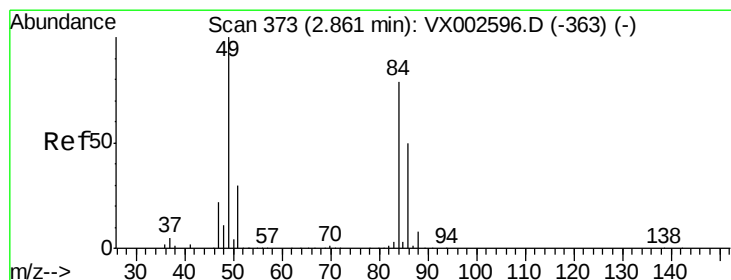
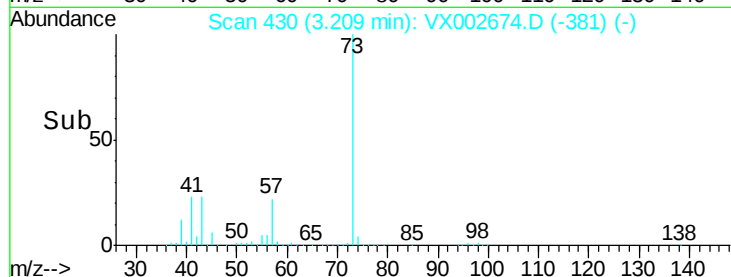
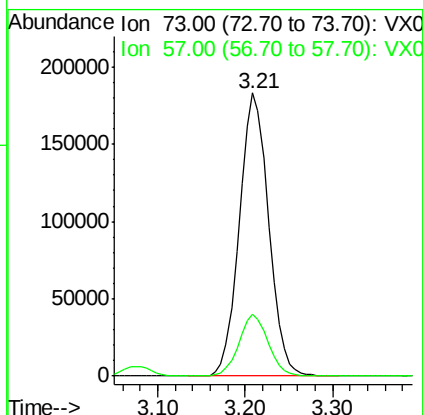
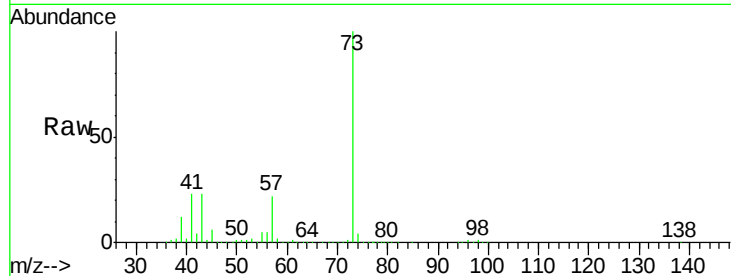




#19  
Methvl tert-butvl Ether  
Concen: 47.300 ug/l  
RT: 3.21 min Scan# 430  
Delta R.T. 0.00 min  
Lab File: VX002674.D  
Acq: 17 Jun 2018 03:22

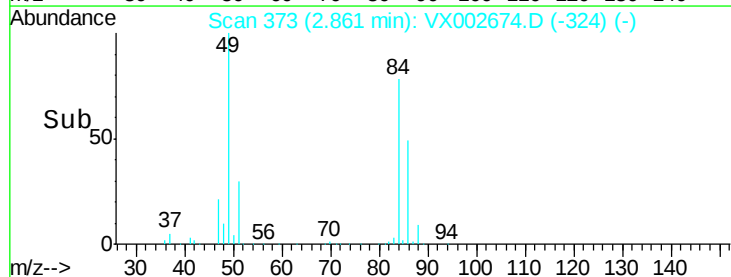
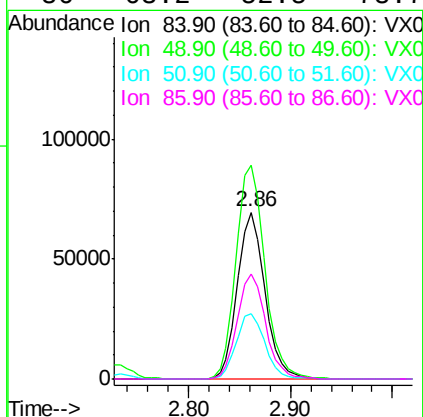
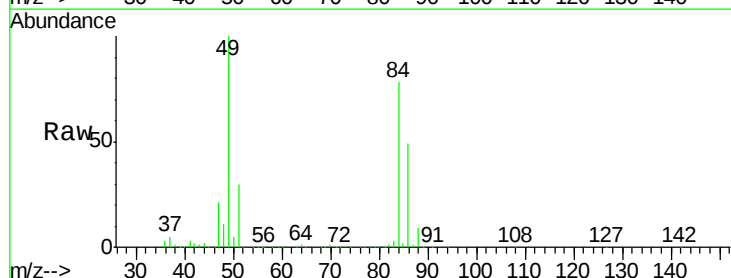
Instrument :  
MSVOA\_X  
ClientSampleId :  
MWHR2-6-061318MSD

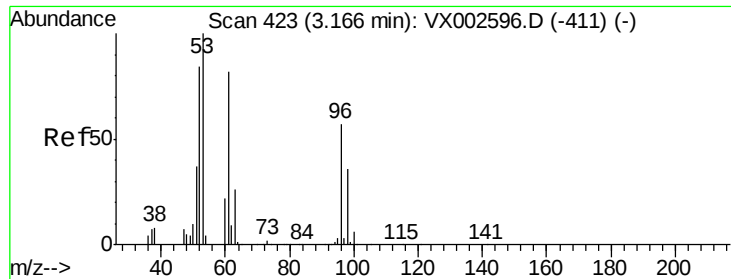
Tot Ion: 73 Resp: 425631  
Ion Ratio Lower Upper  
73 100  
57 21.7 17.7 26.5



#20  
Methylene Chloride  
Concen: 44.236 ug/l  
RT: 2.86 min Scan# 373  
Delta R.T. 0.00 min  
Lab File: VX002674.D  
Acq: 17 Jun 2018 03:22

Tgt Ion: 84 Resp: 130543  
Ion Ratio Lower Upper  
84 100  
49 128.3 107.8 161.6  
51 39.0 32.8 49.2  
86 63.2 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 47.497 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002674.D

Acq: 17 Jun 2018 03:22

Instrument :

MSVOA\_X

ClientSampleId :

MWHR2-6-061318MSD

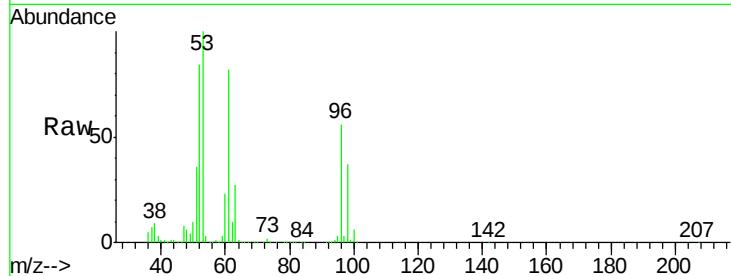
Tot Ion: 96 Resp: 123602

Ion Ratio Lower Upper

96 100

61 147.2 117.0 175.4

98 66.3 52.4 78.6

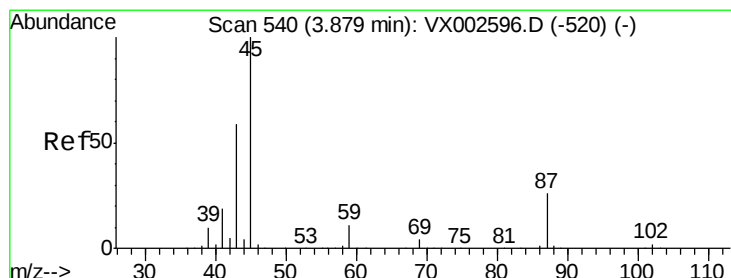
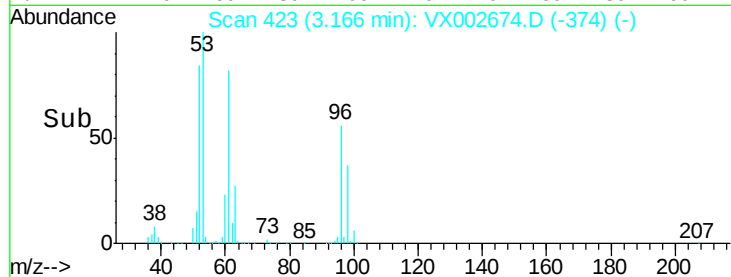
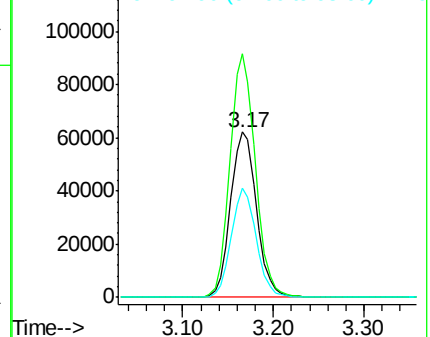


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 47.762 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002674.D

Acq: 17 Jun 2018 03:22

Tgt Ion: 45 Resp: 411557

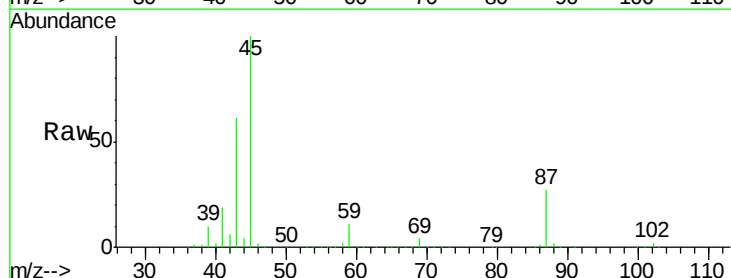
Ion Ratio Lower Upper

45 100

43 61.1 46.8 70.2

87 27.1 20.2 30.4

59 10.9 8.7 13.1



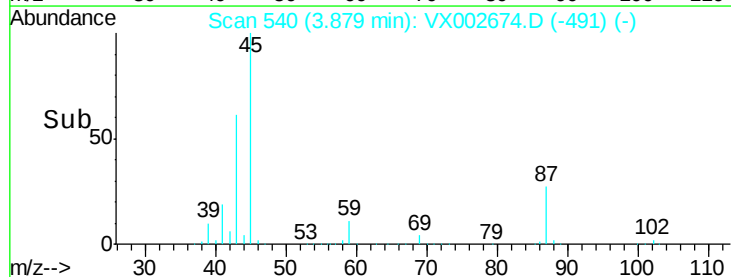
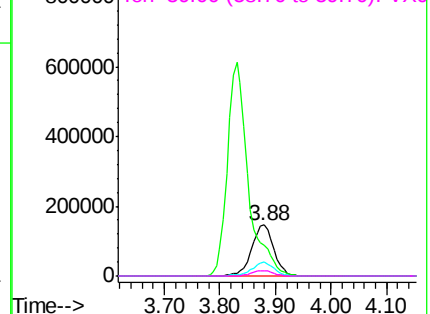
Abundance

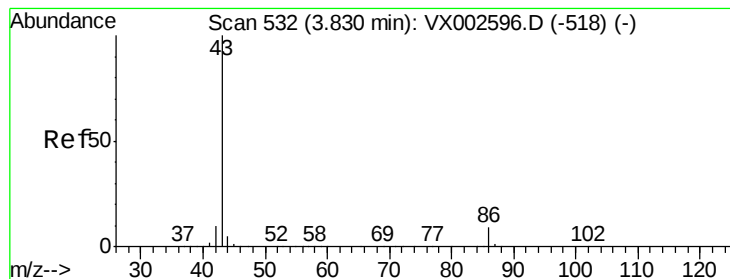
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 221.330 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX002674.D

Acq: 17 Jun 2018 03:22

Instrument :

MSVOA\_X

ClientSampleId :

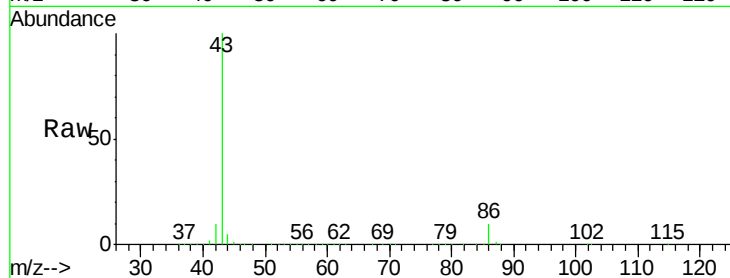
MWHR2-6-061318MSD

Tot Ion: 43 Resp: 1596241

Ion Ratio Lower Upper

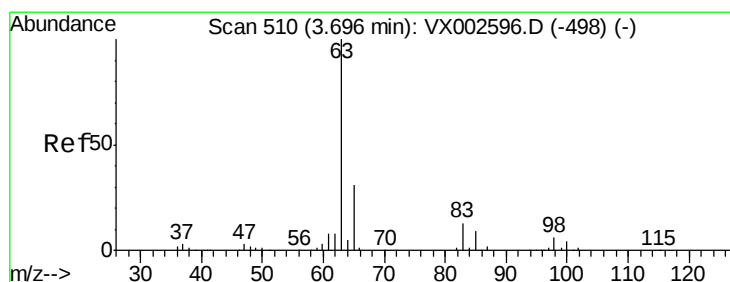
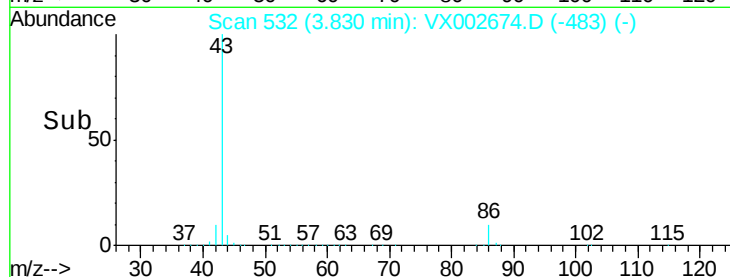
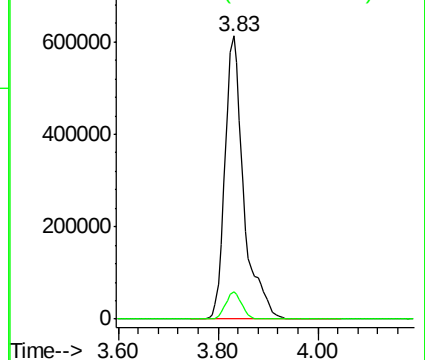
43 100

86 9.5 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.019 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002674.D

Acq: 17 Jun 2018 03:22

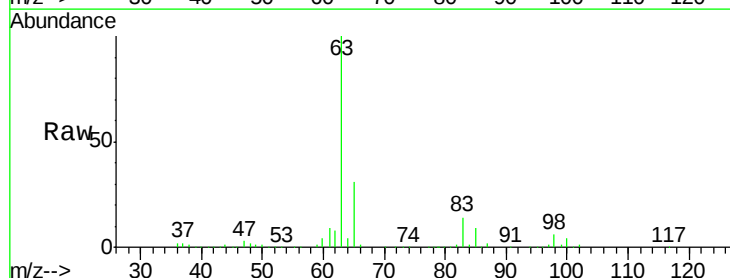
Tgt Ion: 63 Resp: 233933

Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.2

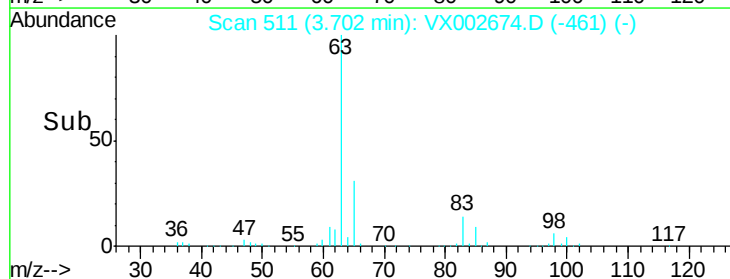
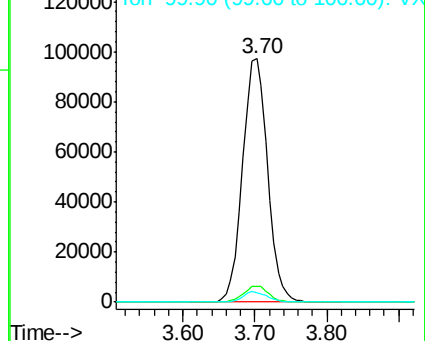
100 4.1 2.0 6.0

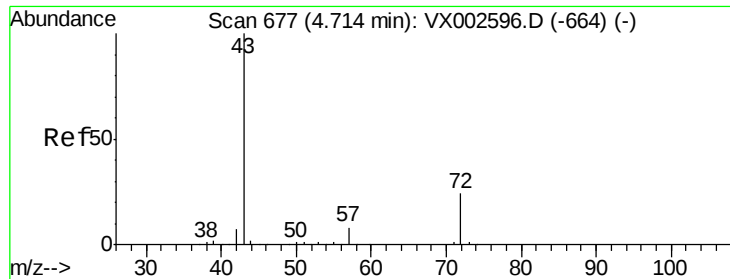


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 235.837 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002674.D

Acq: 17 Jun 2018 03:22

Instrument :

MSVOA\_X

ClientSampleId :

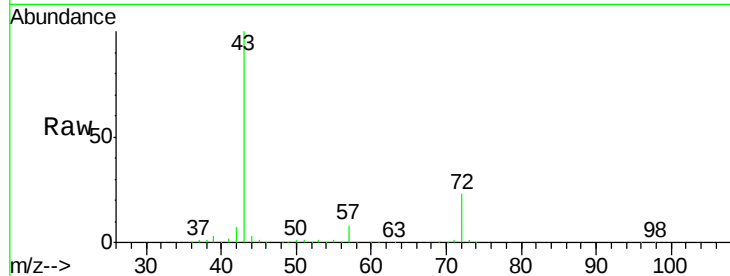
MWHR2-6-061318MSD

Tot Ion: 43 Resp: 445770

Ion Ratio Lower Upper

43 100

72 23.0 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.71

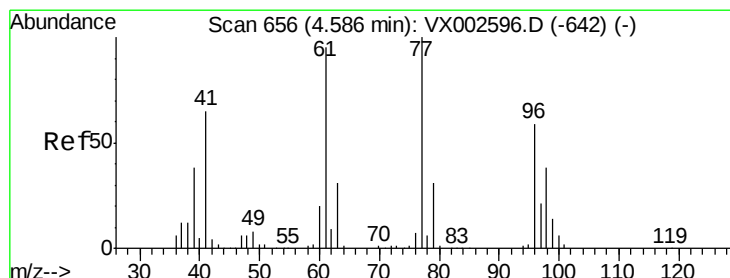
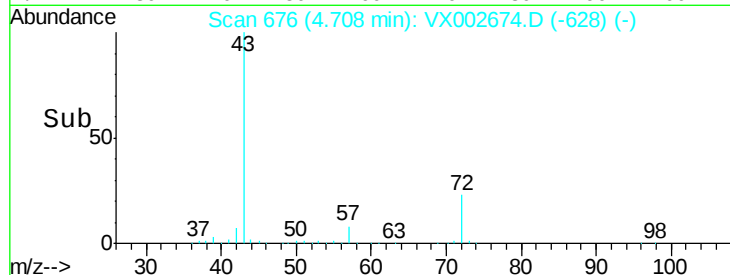
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 36.258 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX002674.D

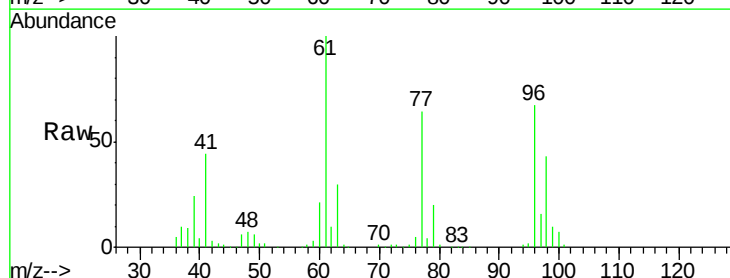
Acq: 17 Jun 2018 03:22

Tgt Ion: 77 Resp: 121845

Ion Ratio Lower Upper

77 100

97 24.0 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

40000

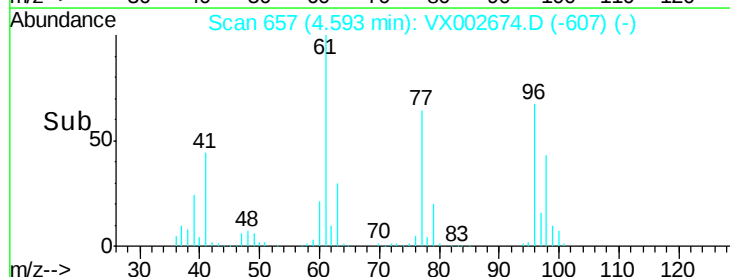
30000

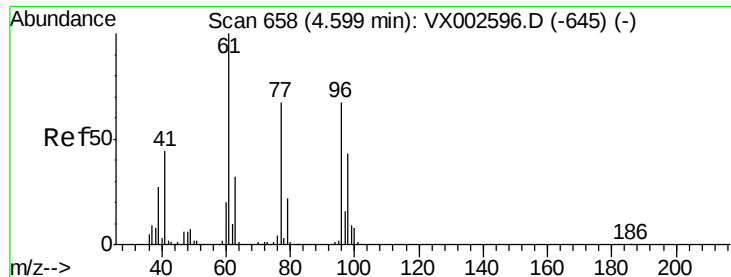
20000

10000

0

Time-->

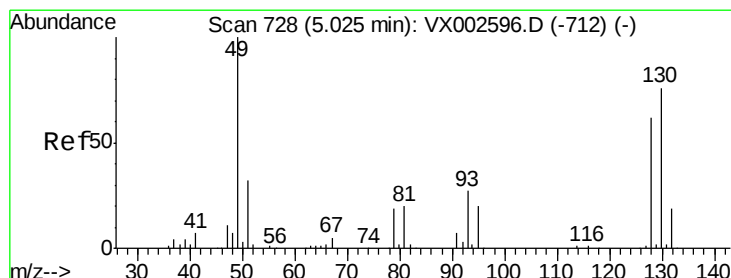
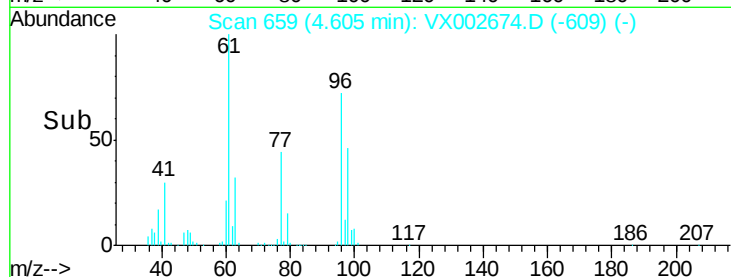
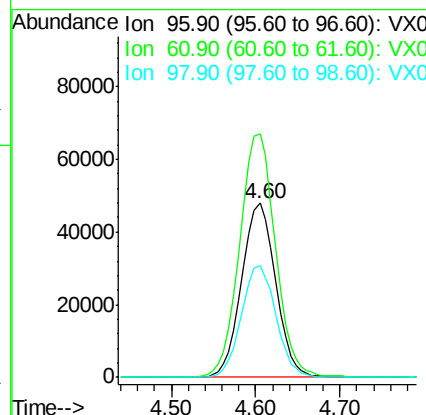
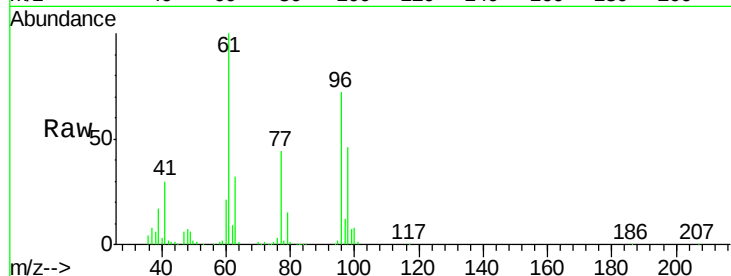




#27  
 cis-1,2-Dichloroethene  
 Concen: 49.636 ug/l  
 RT: 4.60 min Scan# 659  
 Delta R.T. 0.01 min  
 Lab File: VX002674.D  
 Acq: 17 Jun 2018 03:22

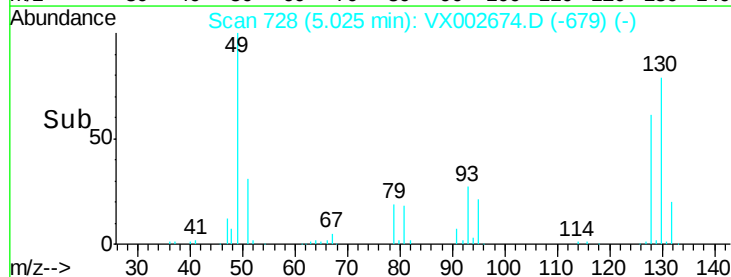
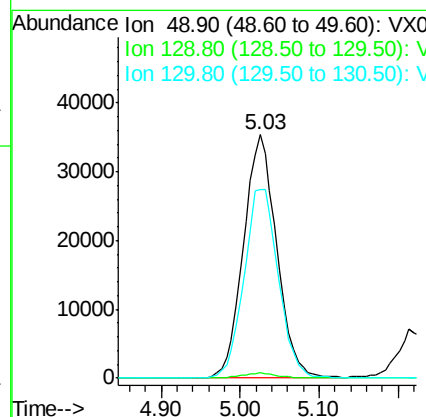
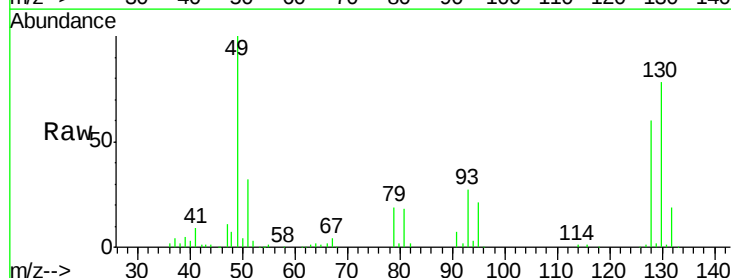
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MWHR2-6-061318MSD

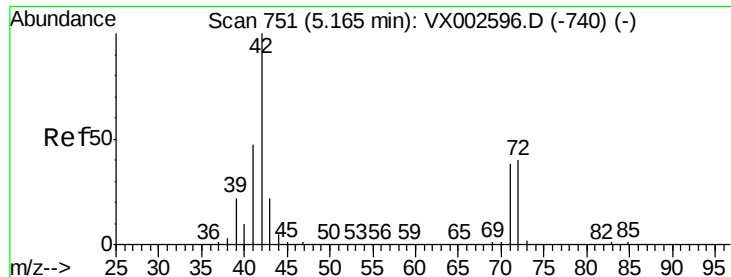
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 147.7 | 0.0   | 330.2 |
| 98      | 64.8  | 0.0   | 130.2 |



#28  
 Bromochloromethane  
 Concen: 47.236 ug/l  
 RT: 5.03 min Scan# 728  
 Delta R.T. 0.00 min  
 Lab File: VX002674.D  
 Acq: 17 Jun 2018 03:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.1   | 0.0   | 4.2   |
| 130     | 80.2  | 61.2  | 91.8  |

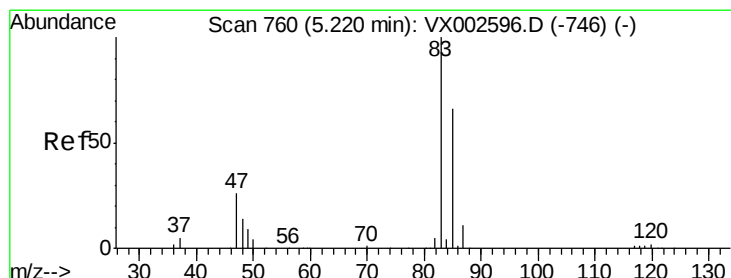
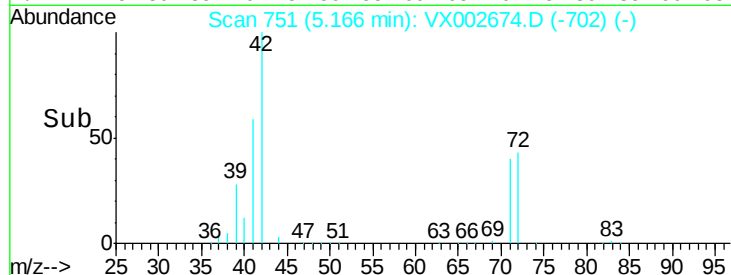
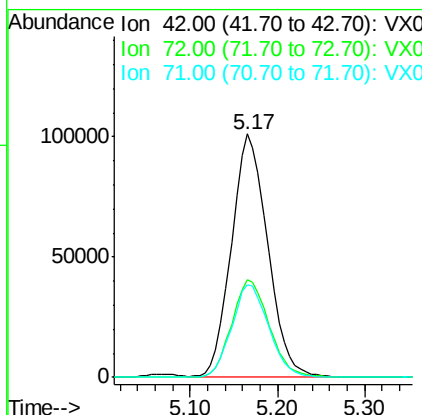
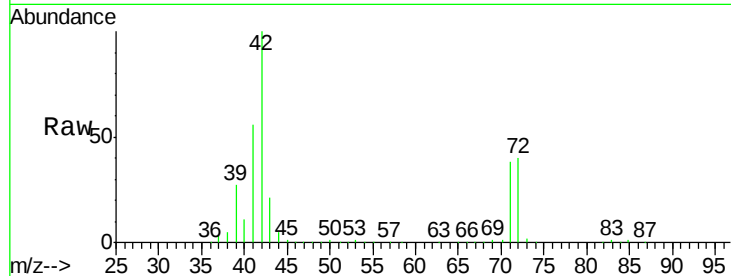




#29  
Tetrahydrofuran  
Concen: 234.121 ug/l  
RT: 5.17 min Scan# 751  
Delta R.T. 0.00 min  
Lab File: VX002674.D  
Acq: 17 Jun 2018 03:22

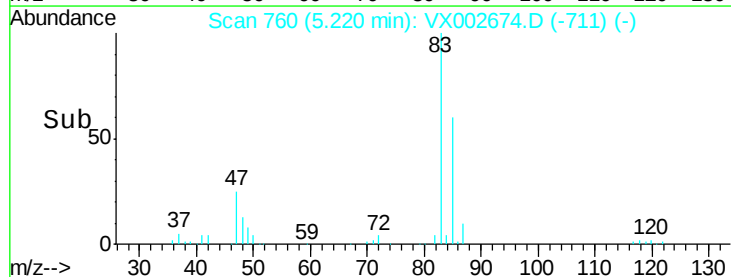
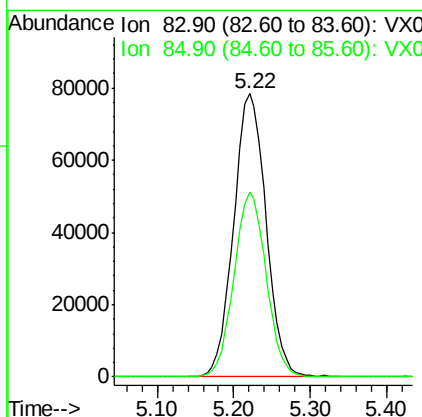
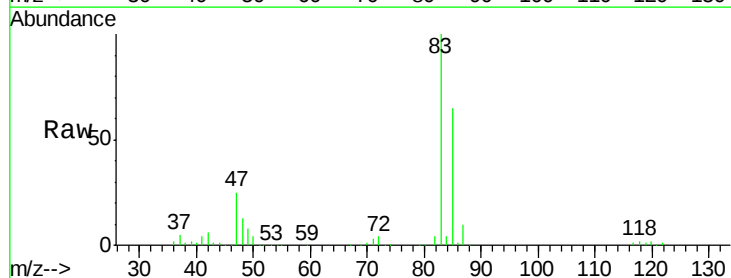
Instrument :  
MSVOA\_X  
ClientSampleId :  
MWHR2-6-061318MSD

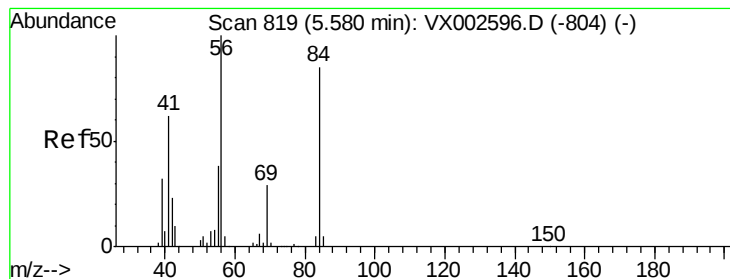
Tot Ion: 42 Resp: 290023  
Ion Ratio Lower Upper  
42 100  
72 41.9 32.0 48.0  
71 39.2 30.1 45.1



#30  
Chloroform  
Concen: 51.146 ug/l  
RT: 5.22 min Scan# 760  
Delta R.T. 0.00 min  
Lab File: VX002674.D  
Acq: 17 Jun 2018 03:22

Tgt Ion: 83 Resp: 230663  
Ion Ratio Lower Upper  
83 100  
85 65.2 50.4 75.6





#31

Cyclohexane

Concen: 46.887 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002674.D

Acq: 17 Jun 2018 03:22

Instrument :

MSVOA\_X

ClientSampleId :

MWHR2-6-061318MSD

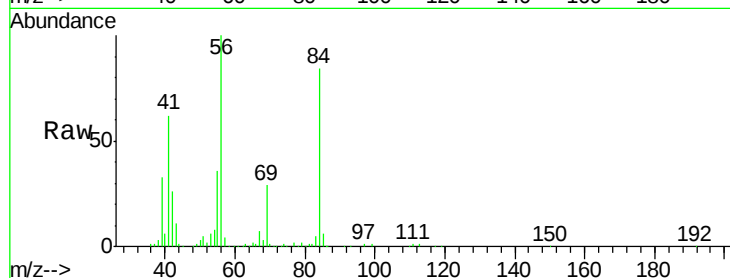
Tot Ion: 56 Resp: 180543

Ion Ratio Lower Upper

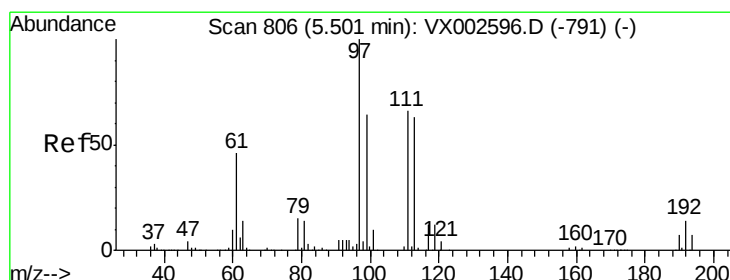
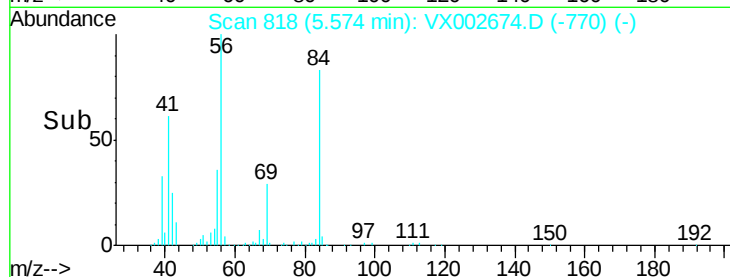
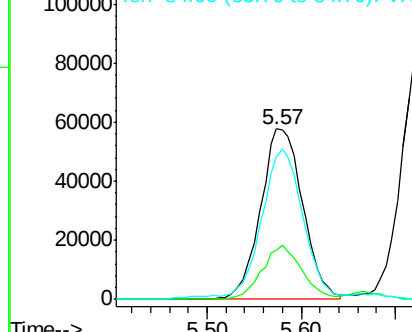
56 100

69 28.5 23.7 35.5

84 82.1 64.1 96.1



Abundance Ion 56.00 (55.70 to 56.70): VX0  
Ion 69.00 (68.70 to 69.70): VX0  
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 52.952 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX002674.D

Acq: 17 Jun 2018 03:22

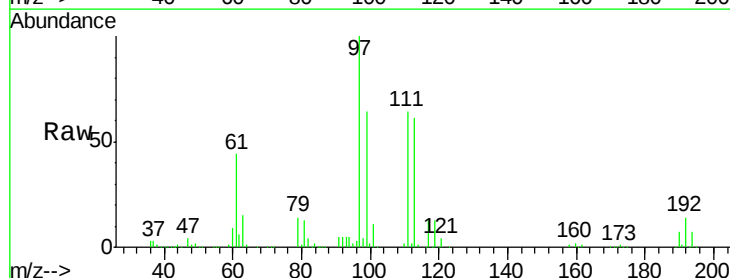
Tgt Ion: 97 Resp: 199732

Ion Ratio Lower Upper

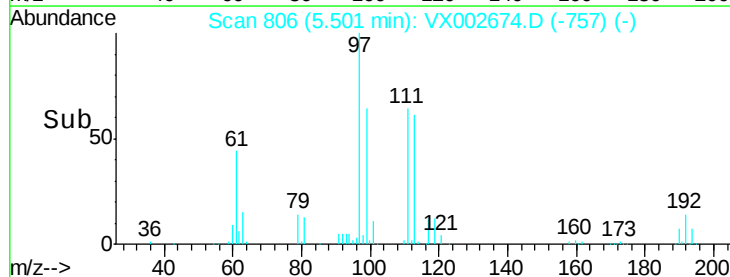
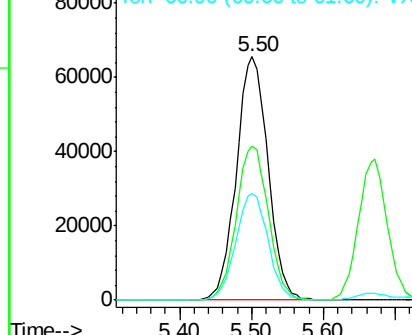
97 100

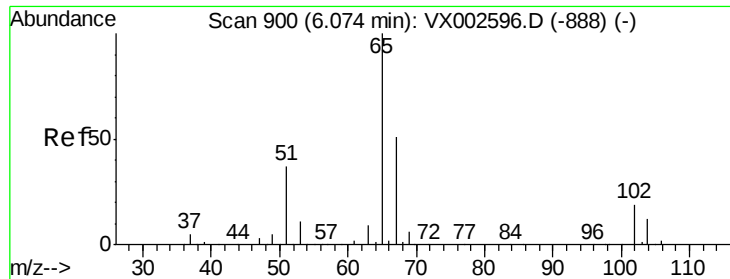
99 64.5 51.6 77.4

61 44.8 36.4 54.6



Abundance Ion 96.90 (96.60 to 97.60): VX0  
Ion 98.90 (98.60 to 99.60): VX0  
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.120 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002674.D

Acq: 17 Jun 2018 03:22

Instrument :

MSVOA\_X

ClientSampleId :

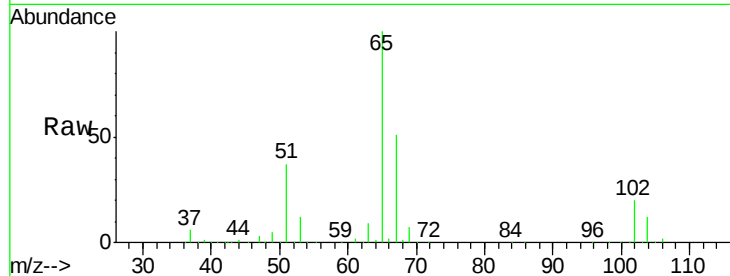
MWHR2-6-061318MSD

Tot Ion: 65 Resp: 153720

Ion Ratio Lower Upper

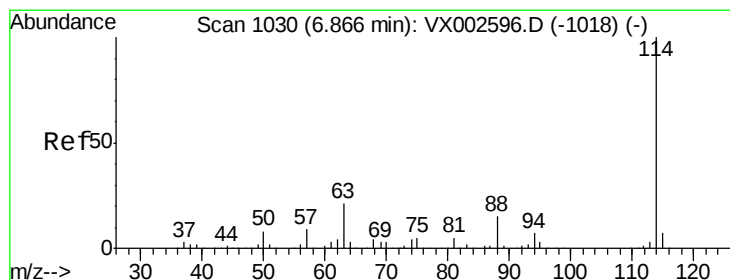
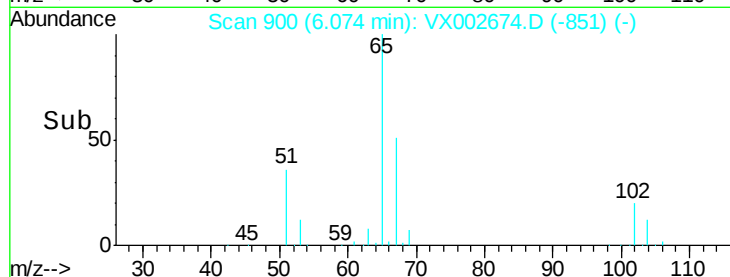
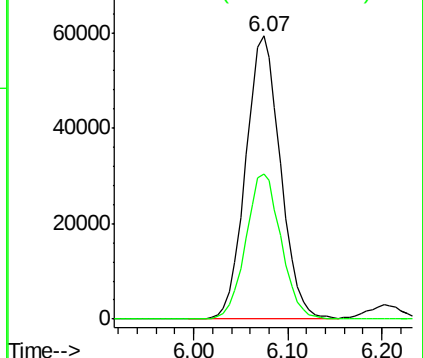
65 100

67 51.9 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002674.D

Acq: 17 Jun 2018 03:22

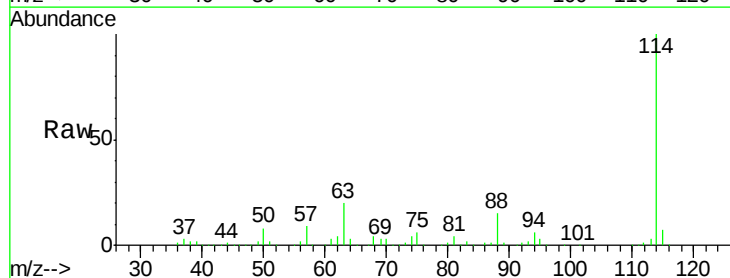
Tgt Ion: 114 Resp: 310932

Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.4

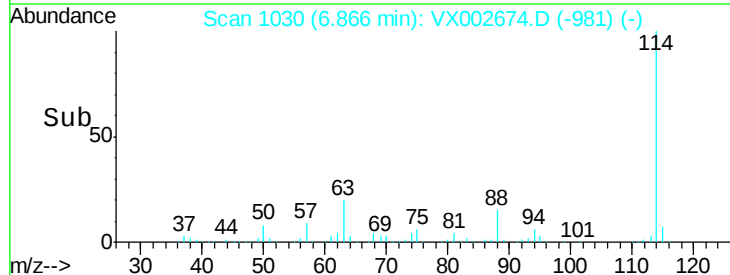
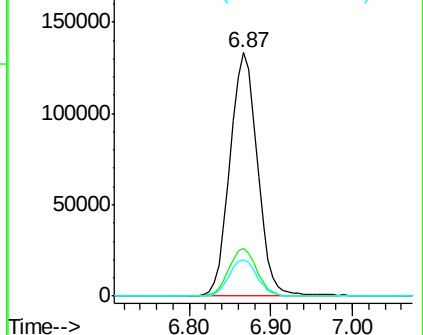
88 14.8 0.0 30.0

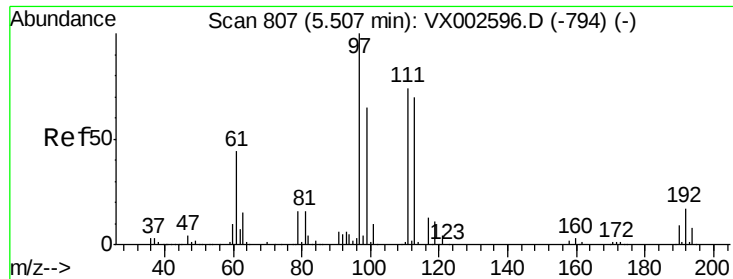


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

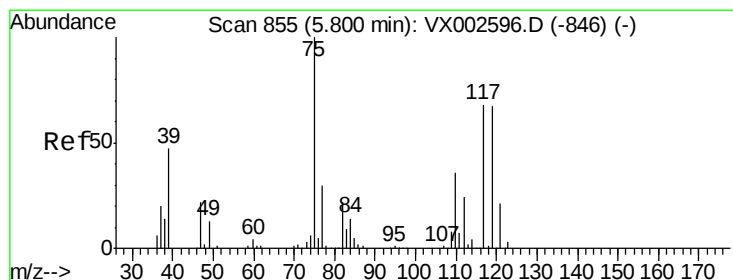
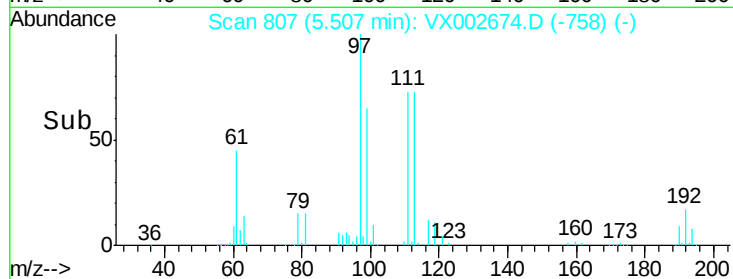
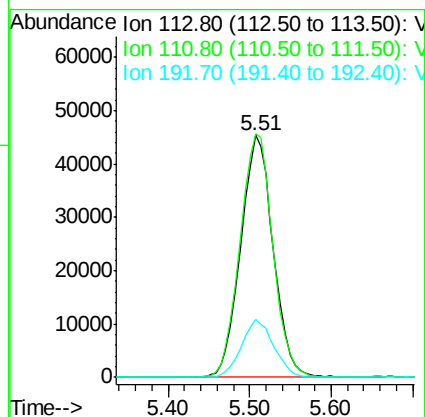
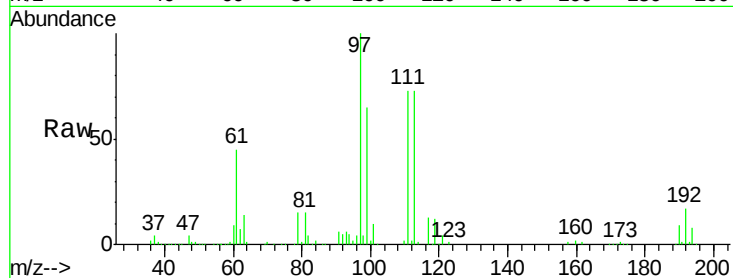




#35  
Dibromofluoromethane  
Concen: 50.320 ug/l  
RT: 5.51 min Scan# 807  
Delta R.T. 0.00 min  
Lab File: VX002674.D  
Acq: 17 Jun 2018 03:22

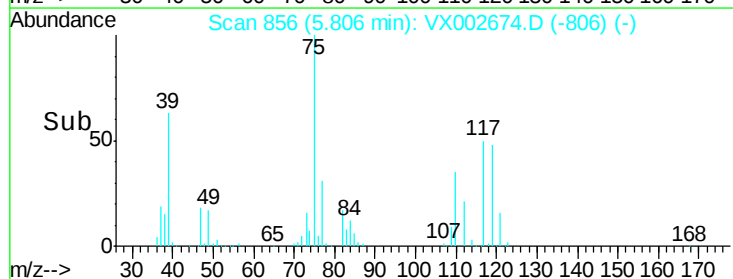
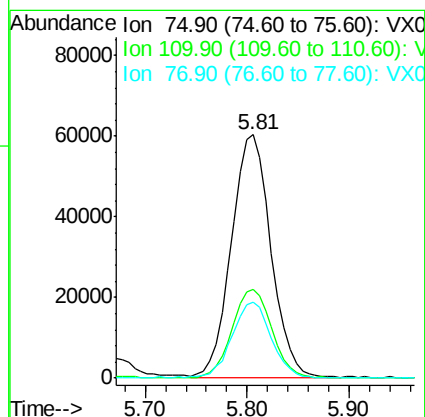
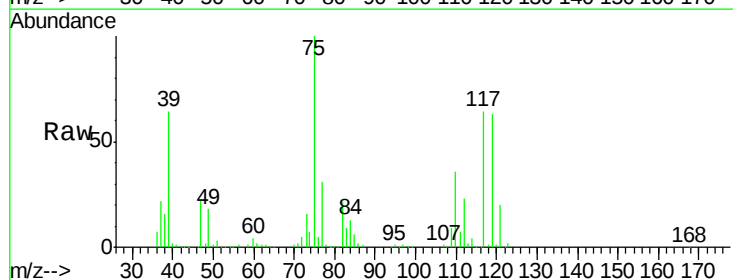
Instrument :  
MSVOA\_X  
ClientSampleId :  
MWHHR2-6-061318MSD

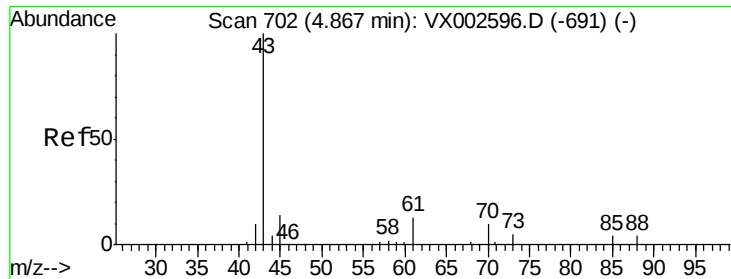
Tot Ion:113 Resp: 124870  
Ion Ratio Lower Upper  
113 100  
111 102.1 81.4 122.0  
192 23.8 19.1 28.7



#36  
1,1-Dichloropropene  
Concen: 48.754 ug/l  
RT: 5.81 min Scan# 855  
Delta R.T. 0.01 min  
Lab File: VX002674.D  
Acq: 17 Jun 2018 03:22

Tgt Ion: 75 Resp: 161000  
Ion Ratio Lower Upper  
75 100  
110 37.4 18.1 54.4  
77 30.7 24.3 36.5





#37

Ethyl Acetate

Concen: 44.640 ug/l

RT: 4.87 min Scan# 702

Delta R.T. 0.00 min

Lab File: VX002674.D

Acq: 17 Jun 2018 03:22

Instrument :

MSVOA\_X

ClientSampleId :

MWHR2-6-061318MSD

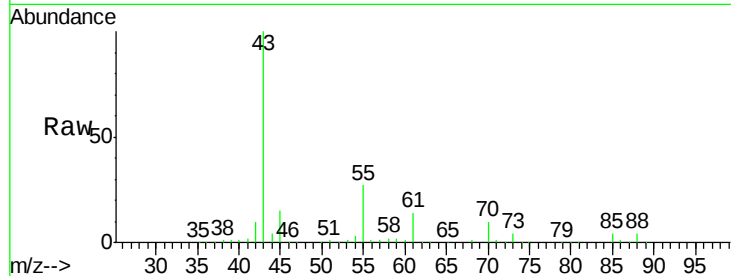
Tot Ion: 43 Resp: 166851

Ion Ratio Lower Upper

43 100

61 13.4 10.4 15.6

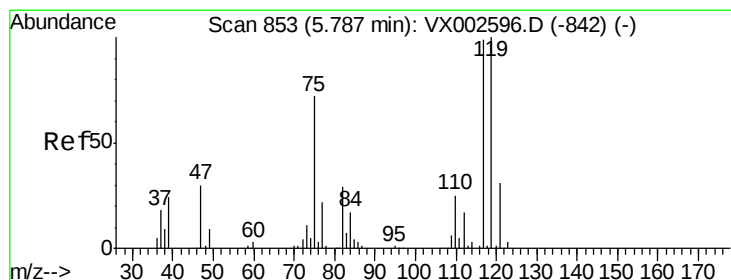
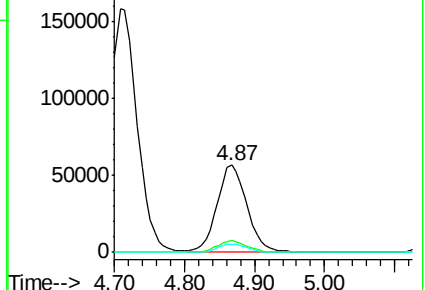
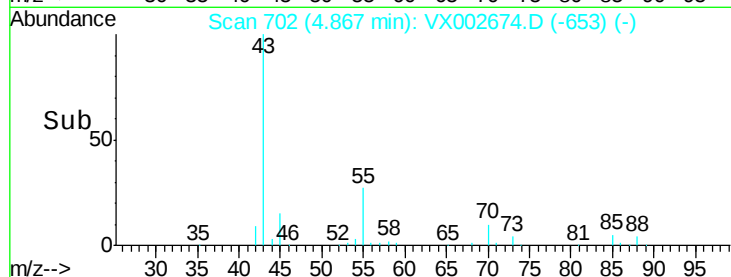
70 9.2 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 52.748 ug/l

RT: 5.79 min Scan# 853

Delta R.T. 0.00 min

Lab File: VX002674.D

Acq: 17 Jun 2018 03:22

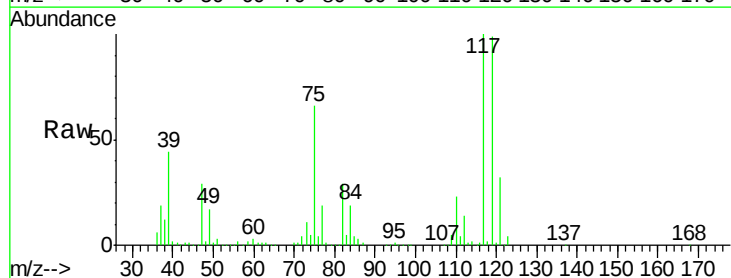
Tgt Ion: 117 Resp: 173455

Ion Ratio Lower Upper

117 100

119 99.0 77.4 116.0

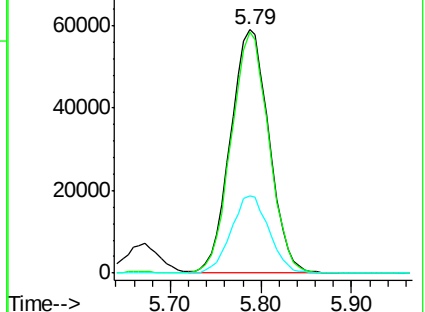
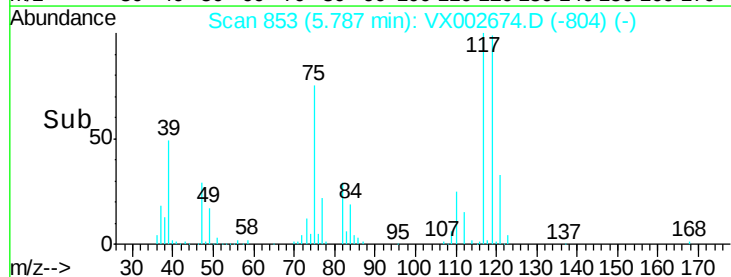
121 31.9 24.4 36.6

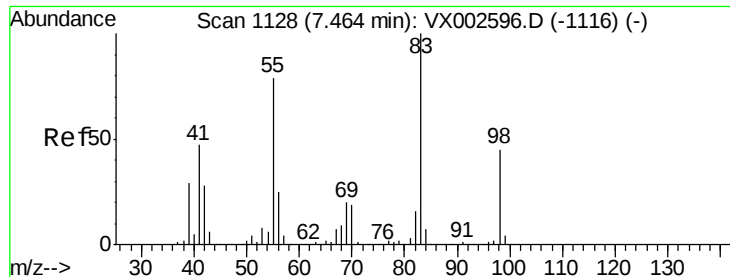


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

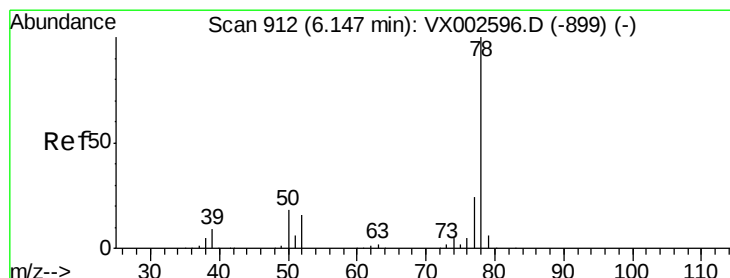
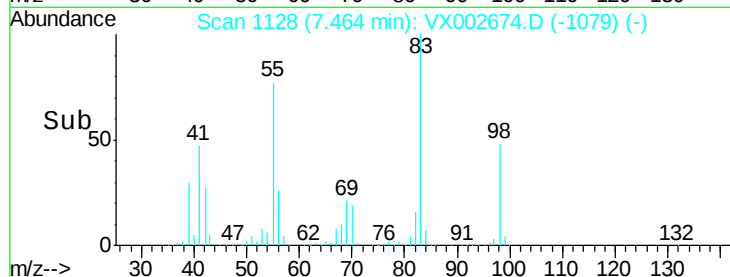
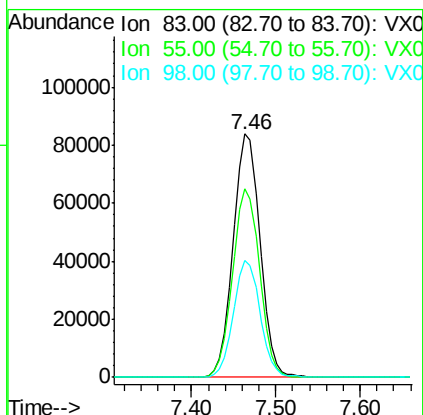
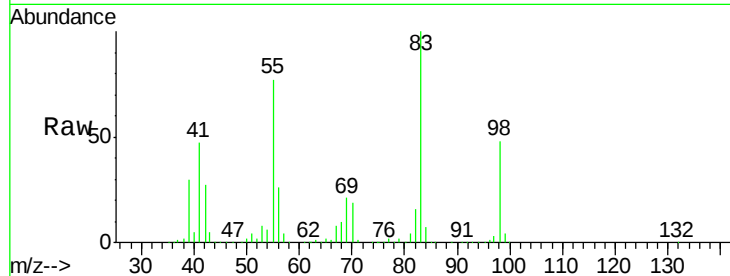




#39  
Methvlcvclohexane  
Concen: 47.016 ug/l  
RT: 7.46 min Scan# 1128  
Delta R.T. 0.00 min  
Lab File: VX002674.D  
Acq: 17 Jun 2018 03:22

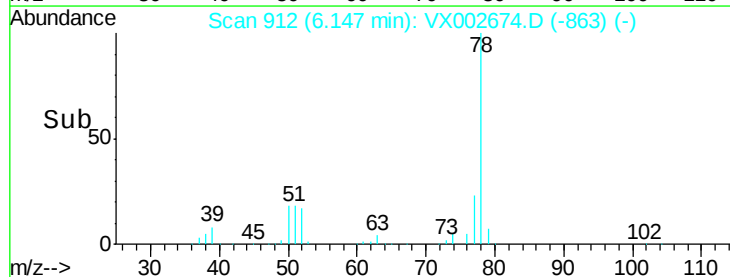
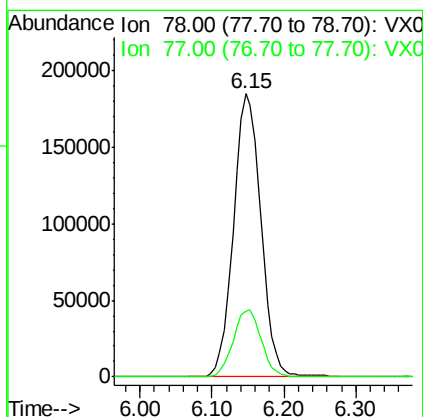
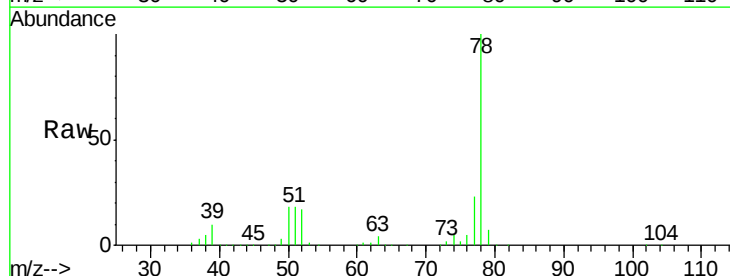
Instrument :  
MSVOA\_X  
ClientSampleId :  
MWHR2-6-061318MSD

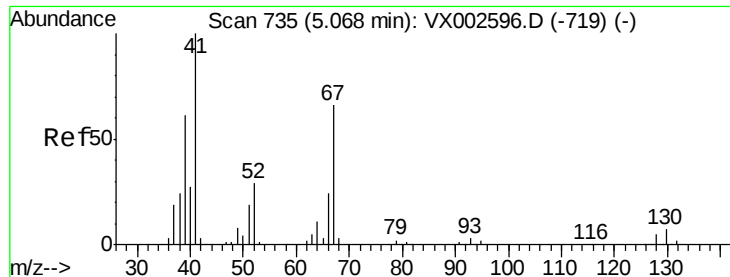
Tot Ion: 83 Resp: 181504  
Ion Ratio Lower Upper  
83 100  
55 77.2 65.4 98.0  
98 47.8 37.4 56.0



#40  
Benzene  
Concen: 49.378 ug/l  
RT: 6.15 min Scan# 912  
Delta R.T. 0.00 min  
Lab File: VX002674.D  
Acq: 17 Jun 2018 03:22

Tgt Ion: 78 Resp: 488929  
Ion Ratio Lower Upper  
78 100  
77 23.3 19.1 28.7

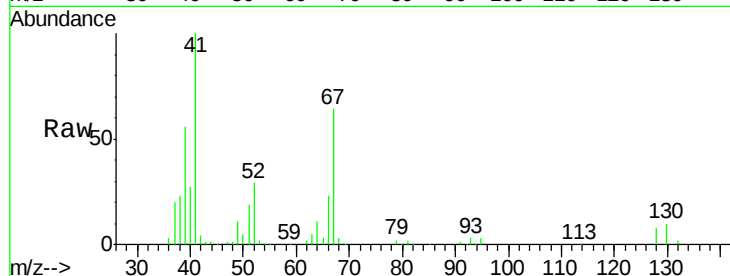




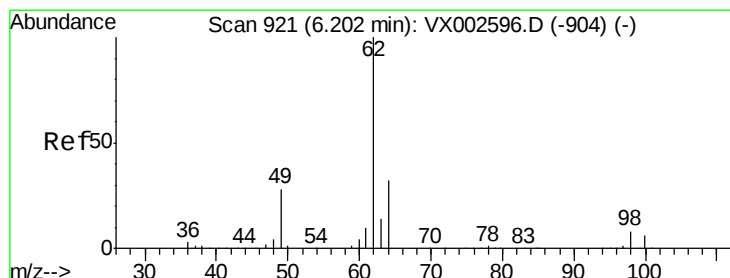
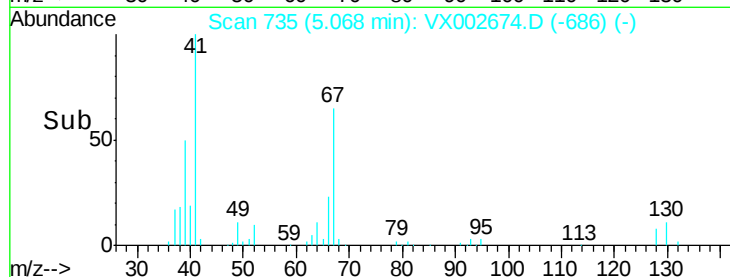
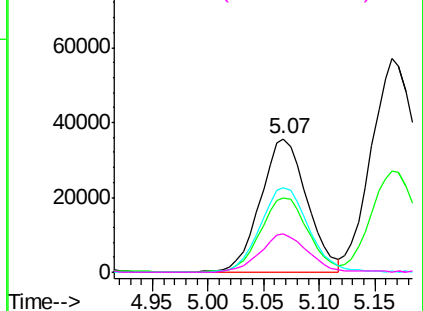
#41  
Methacrylonitrile  
Concen: 48.831 ug/l  
RT: 5.07 min Scan# 735  
Delta R.T. 0.00 min  
Lab File: VX002674.D  
Acq: 17 Jun 2018 03:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
MWHR2-6-061318MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 41    | Resp: | 103052 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 57.1  | 45.8  | 68.6   |
| 67       | 66.7  | 51.3  | 76.9   |
| 52       | 28.7  | 23.0  | 34.6   |

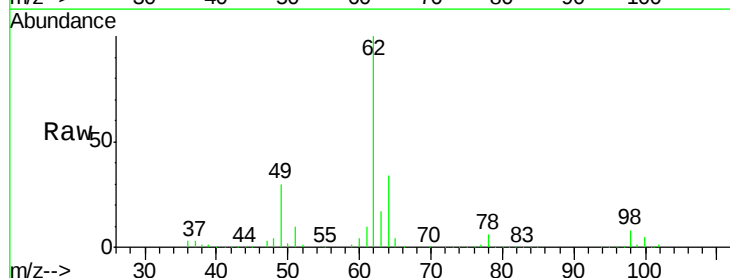


Abundance Ion 41.00 (40.70 to 41.70): VX0  
Ion 39.00 (38.70 to 39.70): VX0  
Ion 67.00 (66.70 to 67.70): VX0  
Ion 52.00 (51.70 to 52.70): VX0

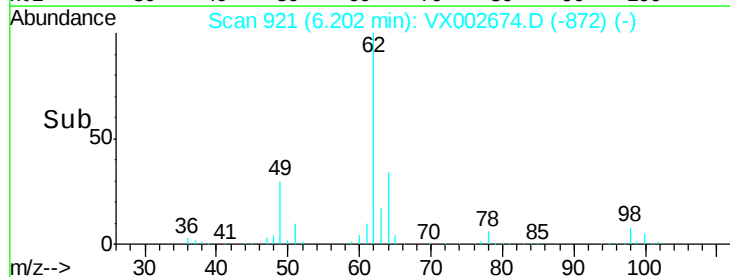
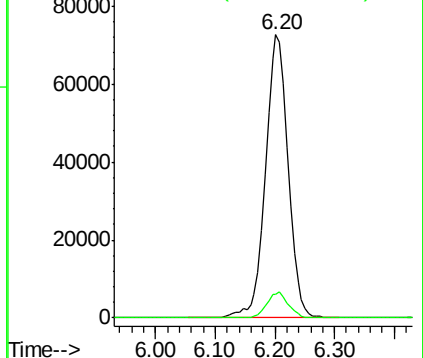


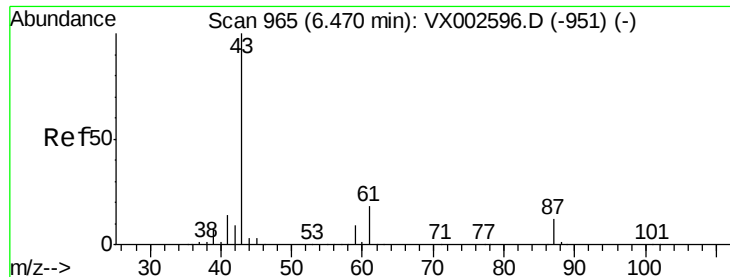
#42  
1,2-Dichloroethane  
Concen: 49.868 ug/l  
RT: 6.20 min Scan# 921  
Delta R.T. 0.00 min  
Lab File: VX002674.D  
Acq: 17 Jun 2018 03:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 191175 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.6   | 0.0   | 16.6   |



Abundance Ion 61.90 (61.60 to 62.60): VX0  
Ion 97.90 (97.60 to 98.60): VX0



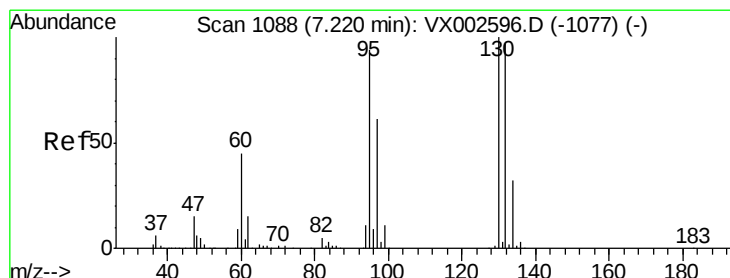
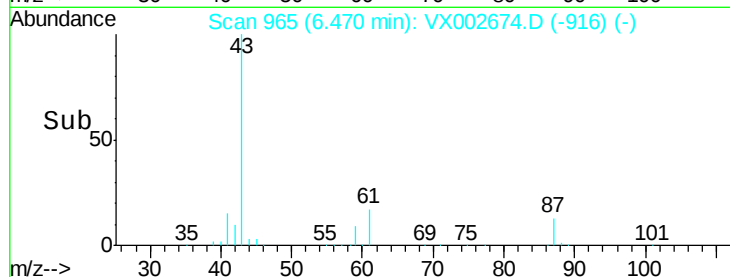
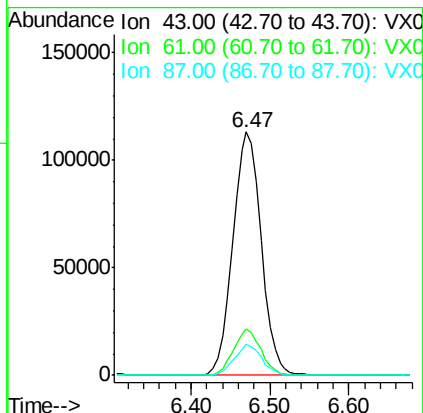
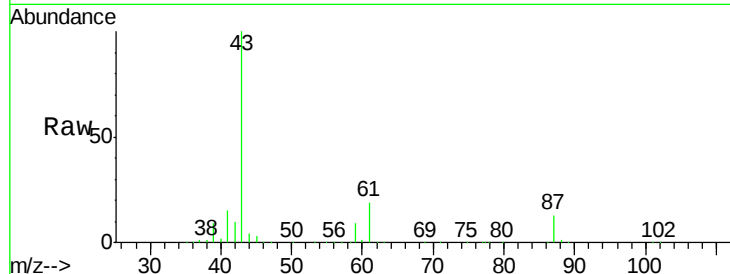


#43

Isopropyl Acetate  
 Concen: 45.693 ug/l  
 RT: 6.47 min Scan# 965  
 Delta R.T. 0.00 min  
 Lab File: VX002674.D  
 Acq: 17 Jun 2018 03:22

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MWHR2-6-061318MSD

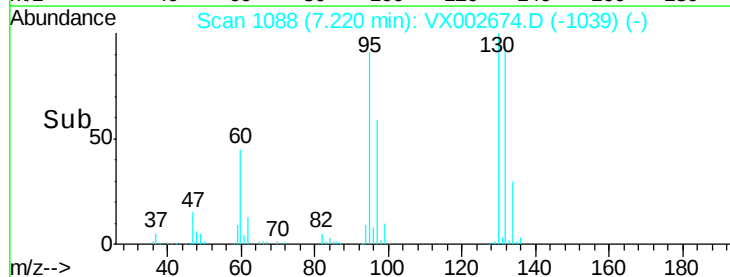
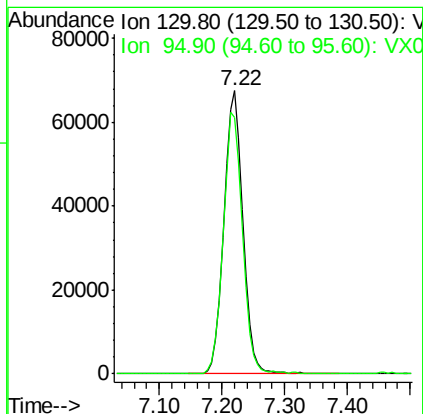
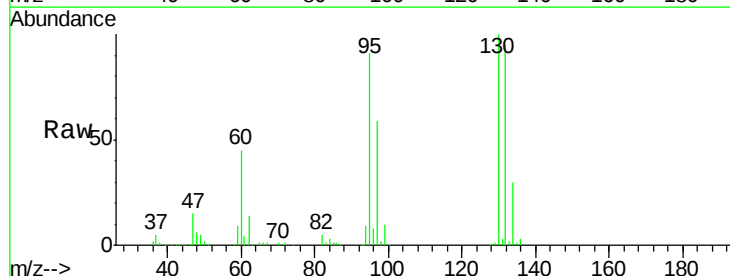
Tot Ion: 43 Resp: 282963  
 Ion Ratio Lower Upper  
 43 100  
 61 18.4 14.4 21.6  
 87 12.3 9.5 14.3

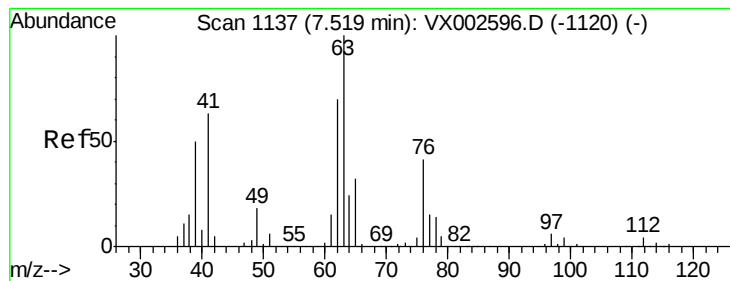


#44

Trichloroethene  
 Concen: 49.522 ug/l  
 RT: 7.22 min Scan# 1088  
 Delta R.T. 0.00 min  
 Lab File: VX002674.D  
 Acq: 17 Jun 2018 03:22

Tgt Ion:130 Resp: 141533  
 Ion Ratio Lower Upper  
 130 100  
 95 90.6 0.0 185.4





#45

1,2-Dichloropropane

Concen: 50.276 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX002674.D

Acq: 17 Jun 2018 03:22

Instrument :

MSVOA\_X

ClientSampleId :

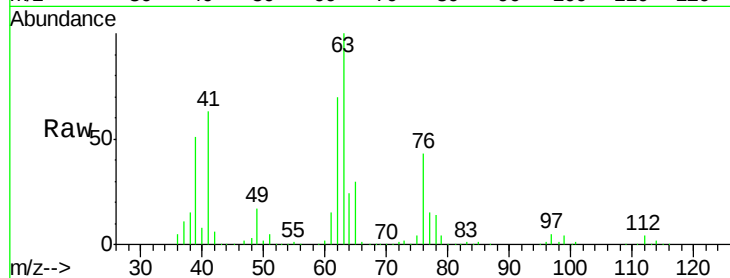
MWHR2-6-061318MSD

Tot Ion: 63 Resp: 131021

Ion Ratio Lower Upper

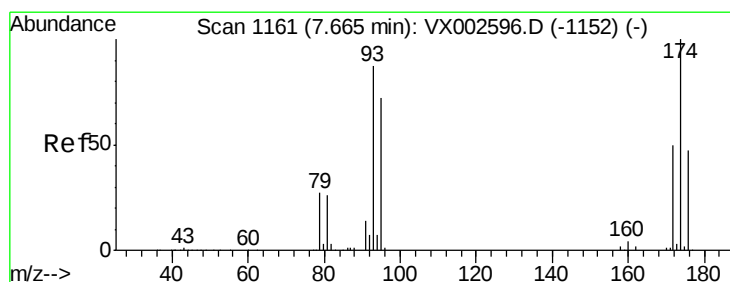
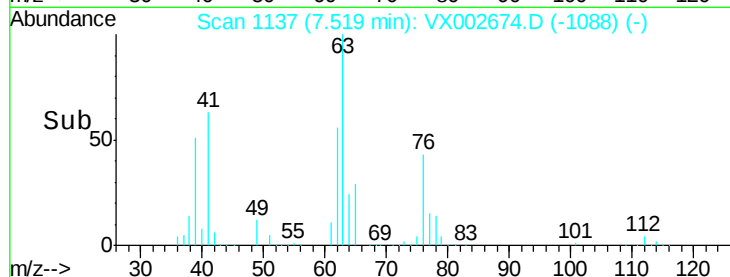
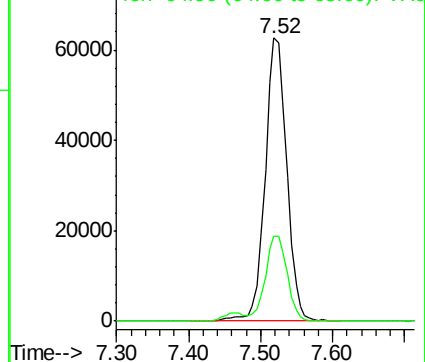
63 100

65 30.1 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 51.387 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX002674.D

Acq: 17 Jun 2018 03:22

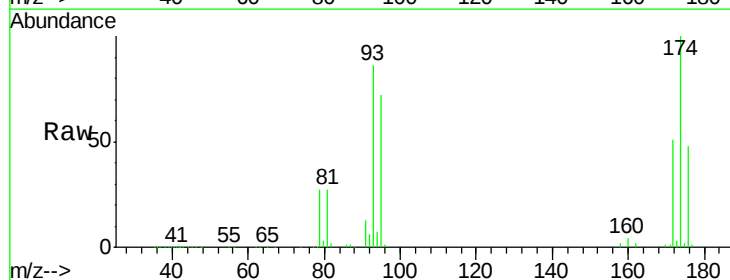
Tgt Ion: 93 Resp: 89579

Ion Ratio Lower Upper

93 100

95 83.2 65.9 98.9

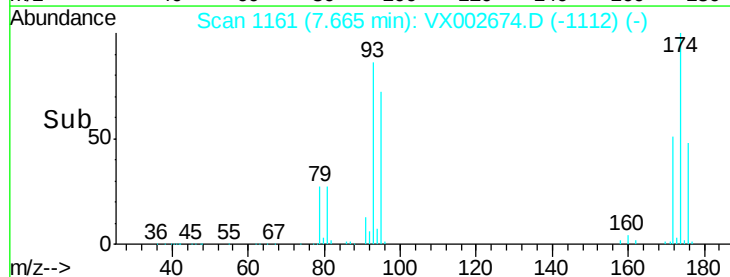
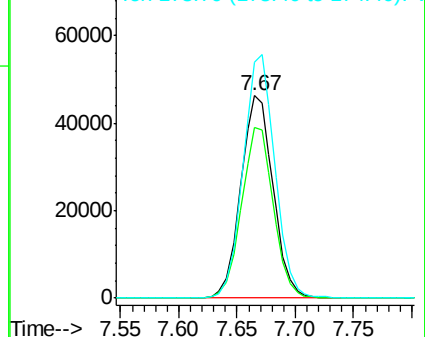
174 118.4 92.4 138.6

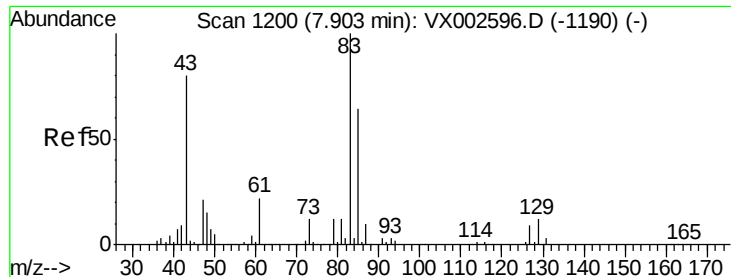


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 54.111 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002674.D

Acq: 17 Jun 2018 03:22

Instrument :

MSVOA\_X

ClientSampleId :

MWHR2-6-061318MSD

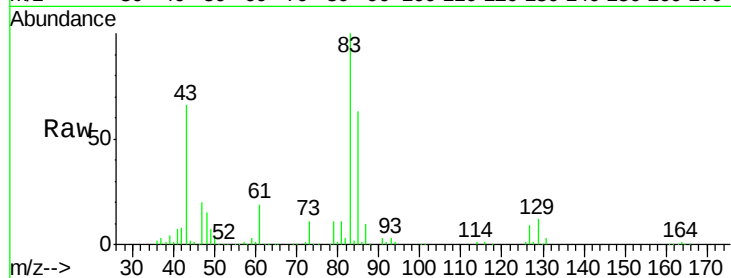
Tot Ion: 83 Resp: 166371

Ion Ratio Lower Upper

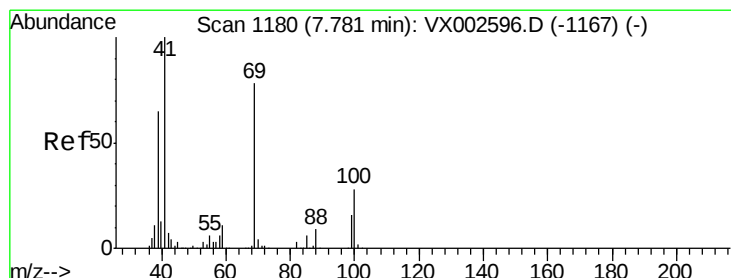
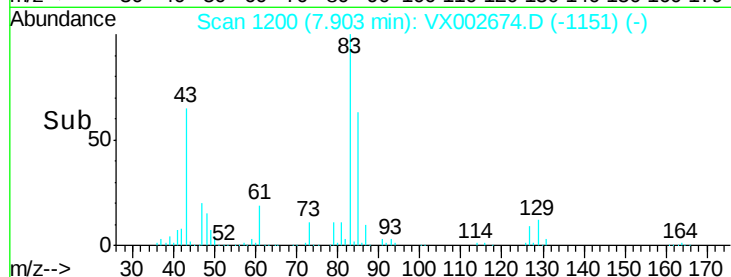
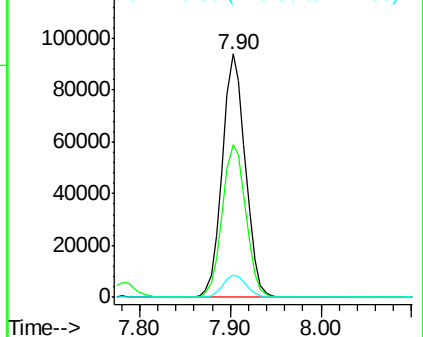
83 100

85 63.0 50.3 75.5

127 9.2 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0  
Ion 84.90 (84.60 to 85.60): VX0  
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 48.505 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX002674.D

Acq: 17 Jun 2018 03:22

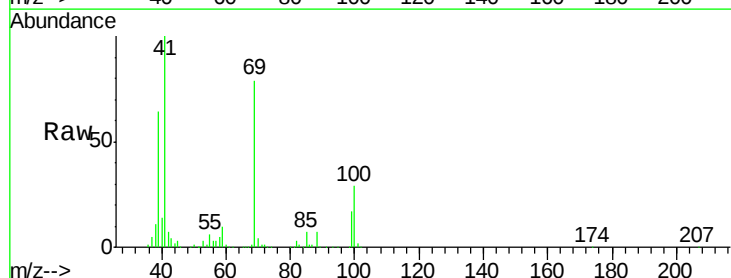
Tgt Ion: 41 Resp: 153499

Ion Ratio Lower Upper

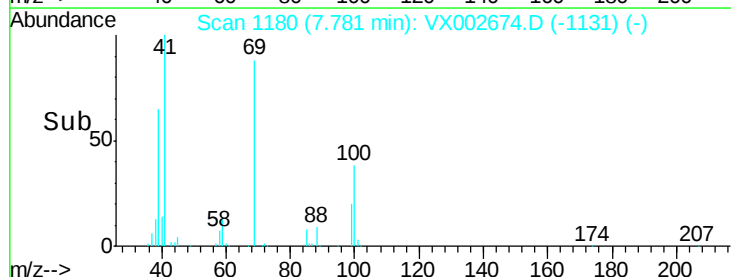
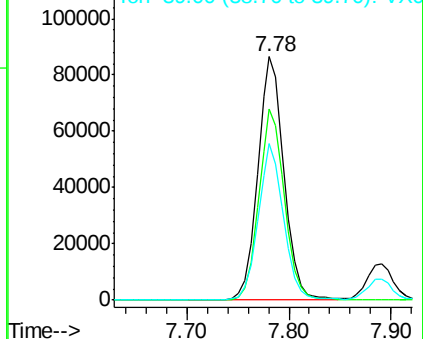
41 100

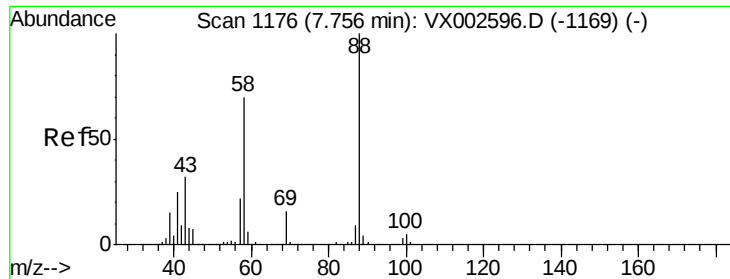
69 77.8 59.1 88.7

39 62.5 48.9 73.3



Abundance Ion 41.00 (40.70 to 41.70): VX0  
Ion 69.00 (68.70 to 69.70): VX0  
Ion 39.00 (38.70 to 39.70): VX0

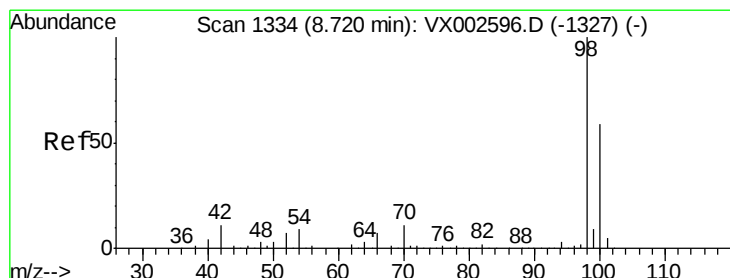
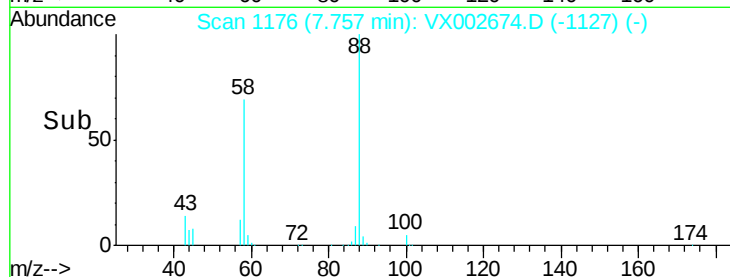
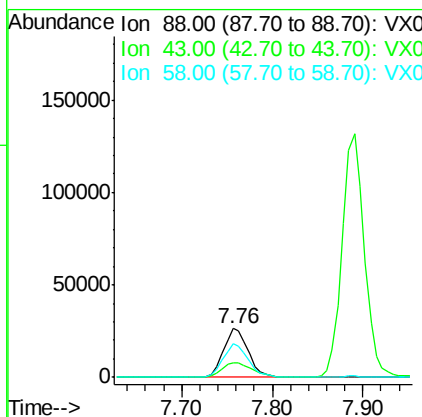
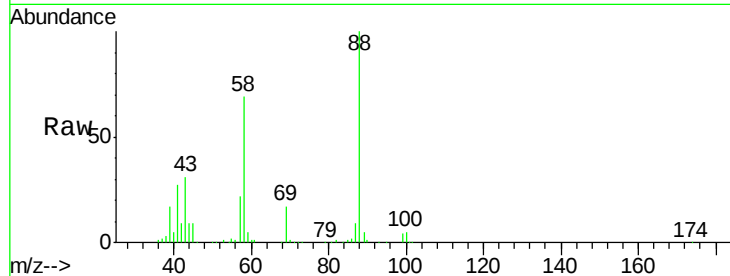




#49  
1,4-Dioxane  
Concen: 841.206 ug/l  
RT: 7.76 min Scan# 1176  
Delta R.T. 0.00 min  
Lab File: VX002674.D  
Acq: 17 Jun 2018 03:22

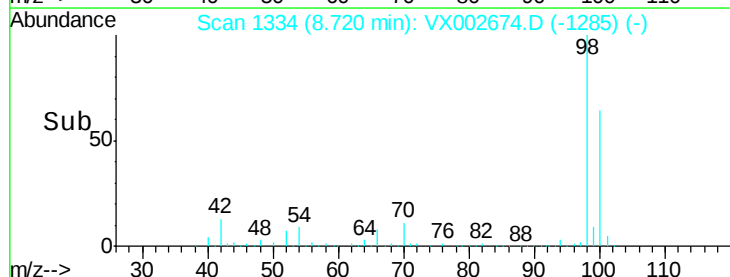
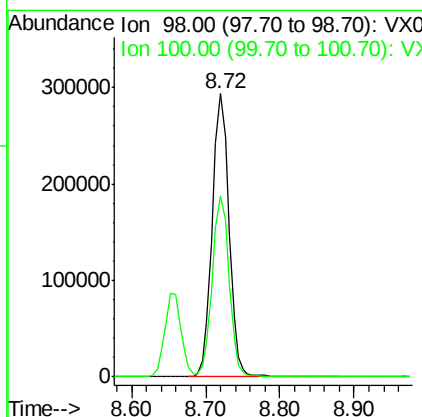
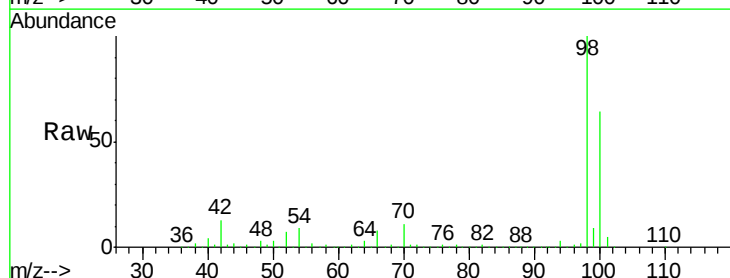
Instrument :  
MSVOA\_X  
ClientSampleId :  
MWHR2-6-061318MSD

| Tot Ion | 88    | Resp  | 50413 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 88      | 100   |       |       |
| 43      | 36.9  | 29.8  | 44.6  |
| 58      | 70.6  | 57.1  | 85.7  |



#50  
Toluene-d8  
Concen: 48.417 ug/l  
RT: 8.72 min Scan# 1334  
Delta R.T. 0.00 min  
Lab File: VX002674.D  
Acq: 17 Jun 2018 03:22

| Tgt Ion | 98    | Resp  | 456198 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 98      | 100   |       |        |
| 100     | 63.9  | 50.9  | 76.3   |

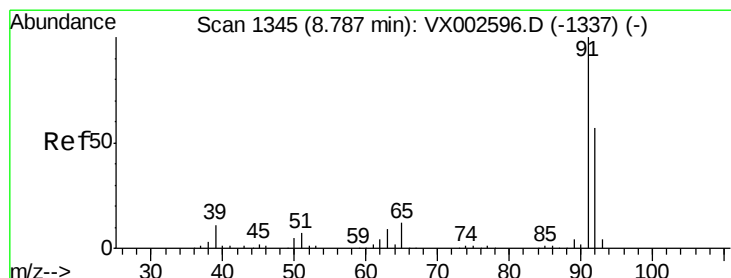
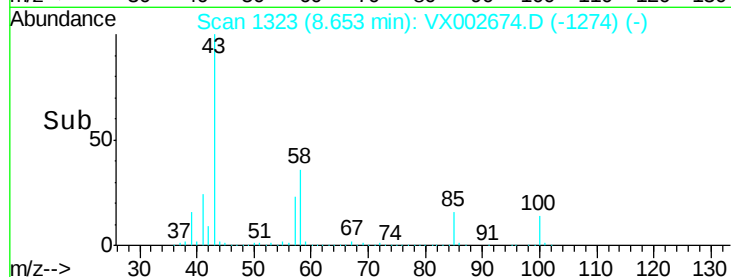
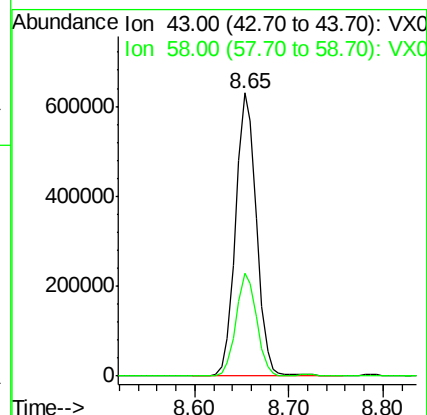
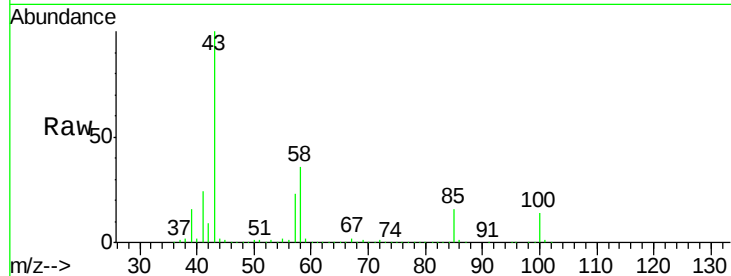




#51  
4-Methyl-2-Pentanone  
Concen: 242.740 ug/l  
RT: 8.65 min Scan# 1323  
Delta R.T. 0.00 min  
Lab File: VX002674.D  
Acq: 17 Jun 2018 03:22

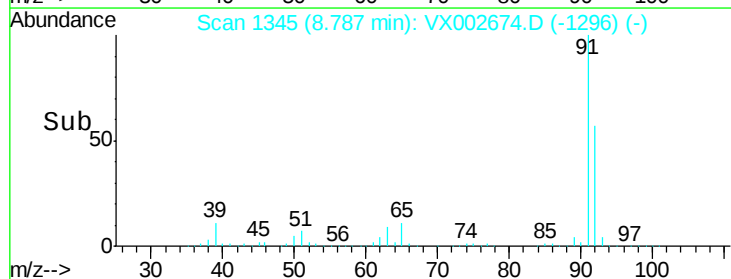
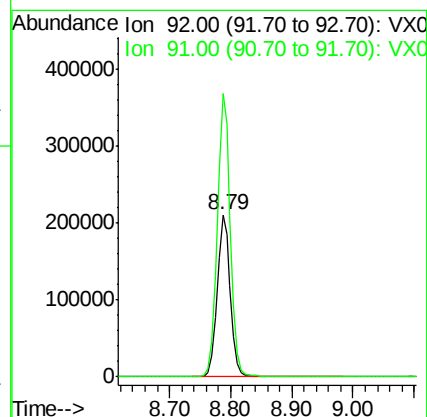
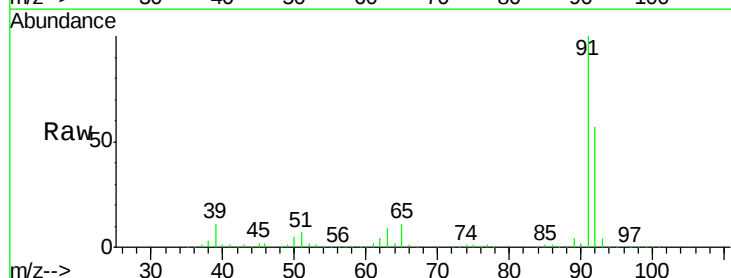
Instrument :  
MSVOA\_X  
ClientSampleId :  
MWHR2-6-061318MSD

Tot Ion: 43 Resp: 965173  
Ion Ratio Lower Upper  
43 100  
58 35.9 28.6 42.8



#52  
Toluene  
Concen: 50.442 ug/l  
RT: 8.79 min Scan# 1345  
Delta R.T. 0.00 min  
Lab File: VX002674.D  
Acq: 17 Jun 2018 03:22

Tgt Ion: 92 Resp: 318610  
Ion Ratio Lower Upper  
92 100  
91 175.0 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 45.343 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002674.D

Acq: 17 Jun 2018 03:22

Instrument :

MSVOA\_X

ClientSampleId :

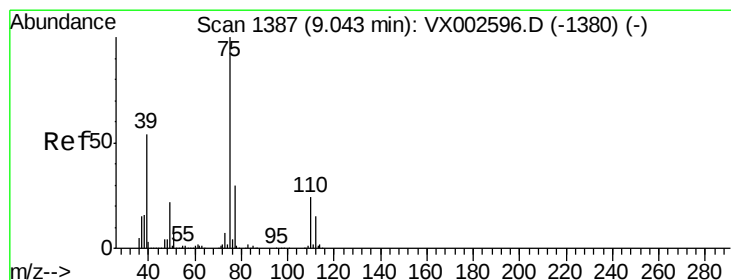
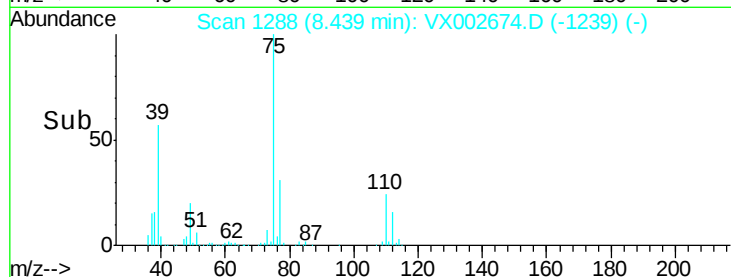
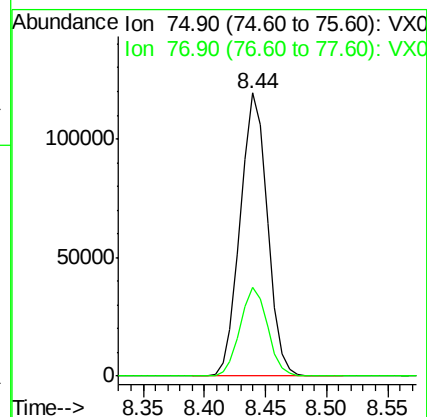
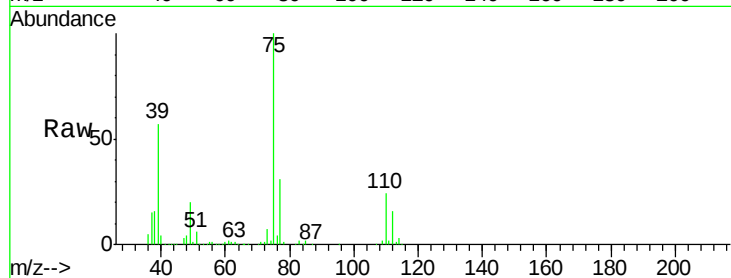
MWHR2-6-061318MSD

Tot Ion: 75 Resp: 183592

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 44.402 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VX002674.D

Acq: 17 Jun 2018 03:22

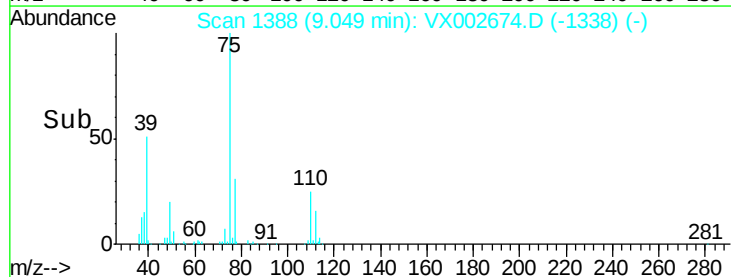
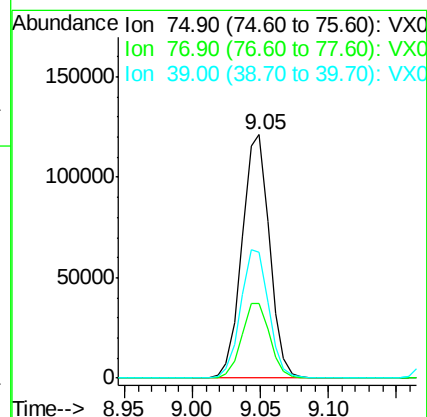
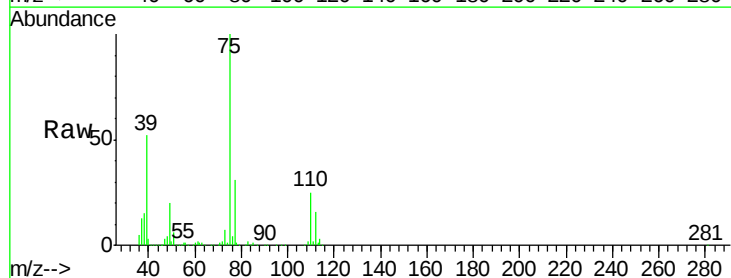
Tgt Ion: 75 Resp: 170900

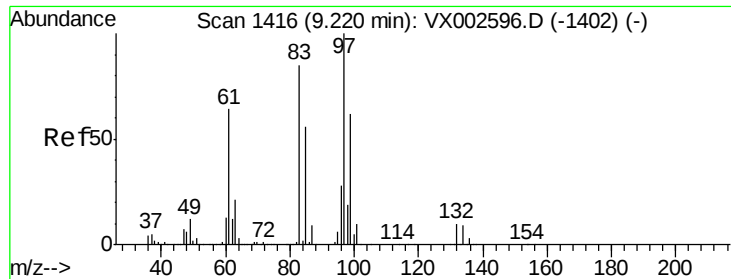
Ion Ratio Lower Upper

75 100

77 30.8 24.8 37.2

39 51.6 42.4 63.6

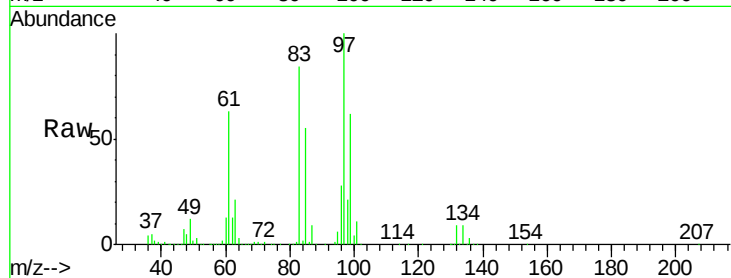




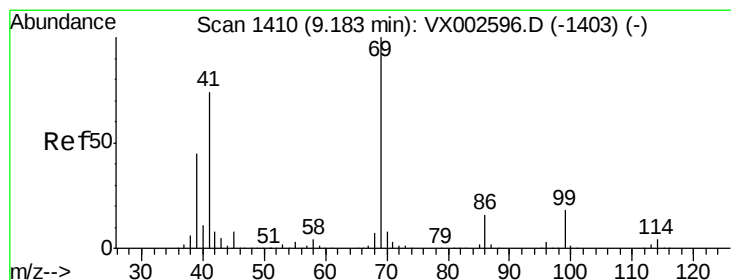
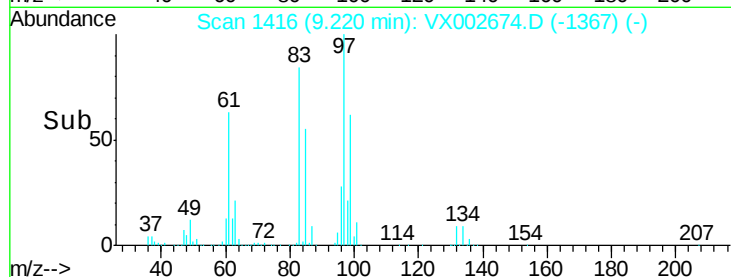
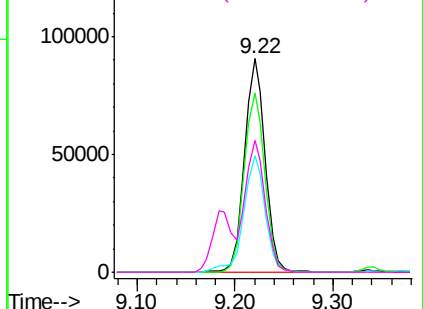
#55  
 1,1,2-Trichloroethane  
 Concen: 52.069 ug/l  
 RT: 9.22 min Scan# 1416  
 Delta R.T. 0.00 min  
 Lab File: VX002674.D  
 Acq: 17 Jun 2018 03:22

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MWHR2-6-061318MSD

Tot Ion: 97 Resp: 132895  
 Ion Ratio Lower Upper  
 97 100  
 83 83.8 70.2 105.2  
 85 54.6 44.9 67.3  
 99 61.8 49.8 74.8

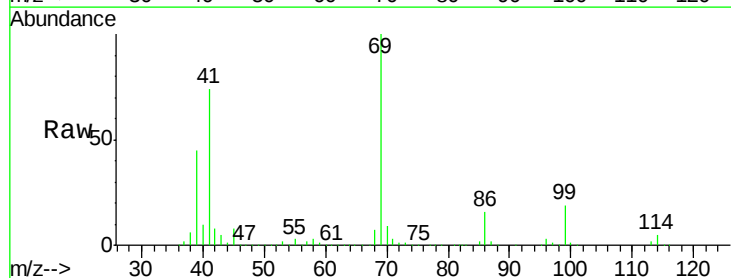


Abundance Ion 96.90 (96.60 to 97.60): VX0  
 Ion 82.90 (82.60 to 83.60): VX0  
 Ion 84.90 (84.60 to 85.60): VX0  
 Ion 98.90 (98.60 to 99.60): VX0

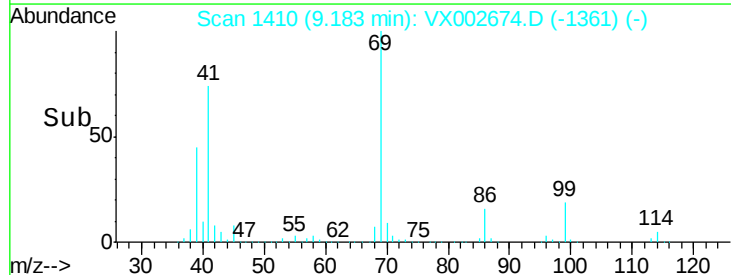
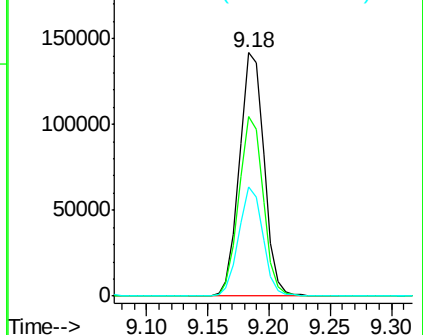


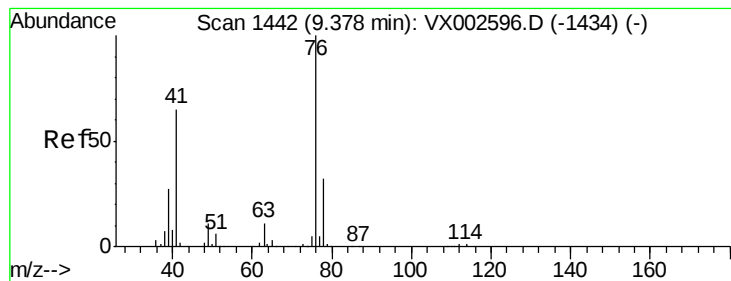
#56  
 Ethyl methacrylate  
 Concen: 50.262 ug/l  
 RT: 9.18 min Scan# 1410  
 Delta R.T. 0.00 min  
 Lab File: VX002674.D  
 Acq: 17 Jun 2018 03:22

Tgt Ion: 69 Resp: 197416  
 Ion Ratio Lower Upper  
 69 100  
 41 72.8 60.3 90.5  
 39 43.6 35.8 53.8



Abundance Ion 69.00 (68.70 to 69.70): VX0  
 Ion 41.00 (40.70 to 41.70): VX0  
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.703 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX002674.D

Acq: 17 Jun 2018 03:22

Instrument :

MSVOA\_X

ClientSampleId :

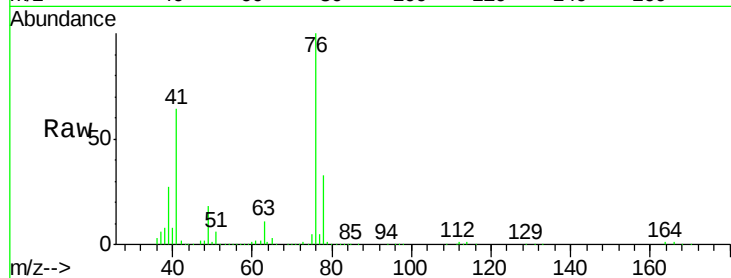
MWHR2-6-061318MSD

Tot Ion: 76 Resp: 214551

Ion Ratio Lower Upper

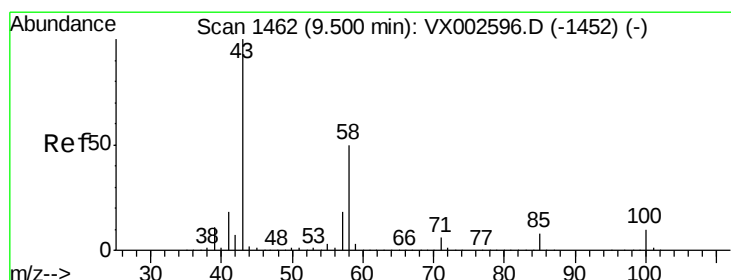
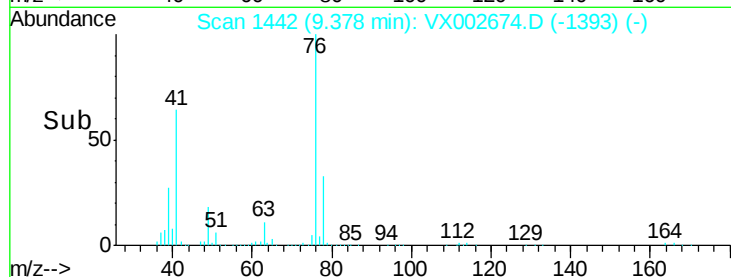
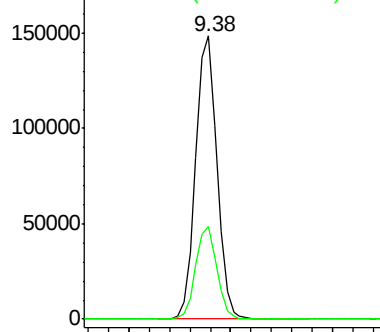
76 100

78 32.7 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 242.442 ug/l

RT: 9.50 min Scan# 1462

Delta R.T. 0.00 min

Lab File: VX002674.D

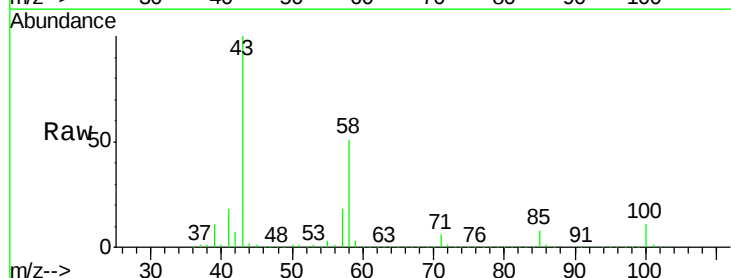
Acq: 17 Jun 2018 03:22

Tgt Ion: 43 Resp: 726404

Ion Ratio Lower Upper

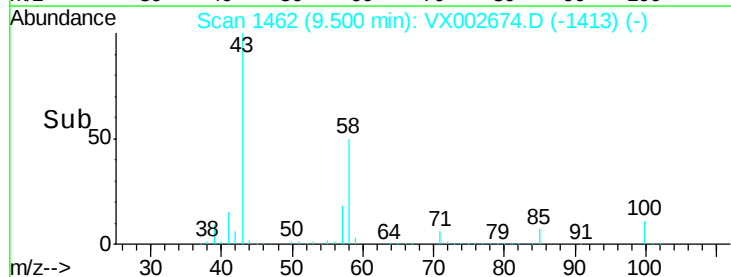
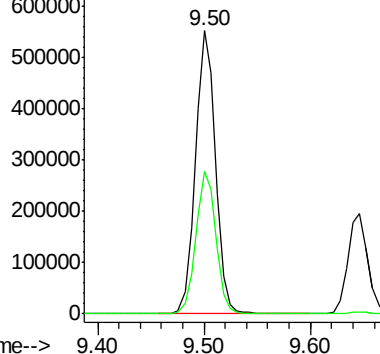
43 100

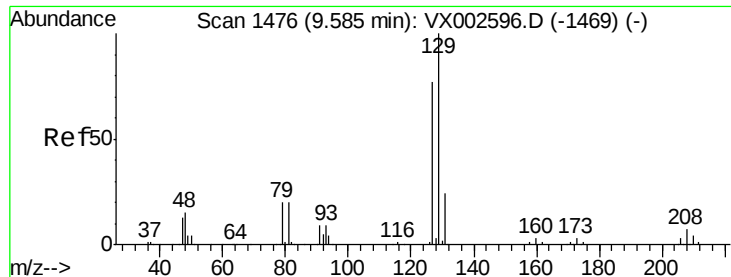
58 50.4 24.6 73.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#60

Dibromochloromethane

Concen: 48.209 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX002674.D

Acq: 17 Jun 2018 03:22

Instrument :

MSVOA\_X

ClientSampleId :

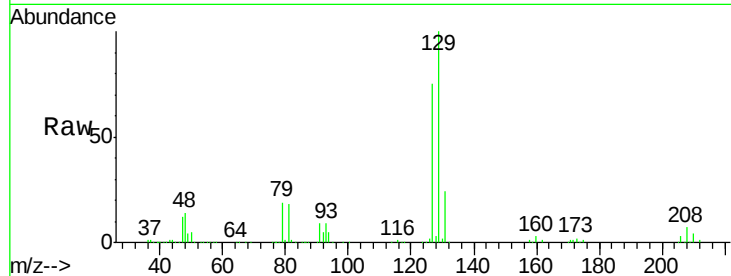
MWHR2-6-061318MSD

Tot Ion:129 Resp: 137991

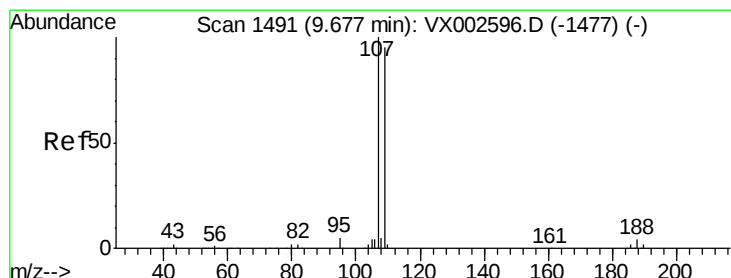
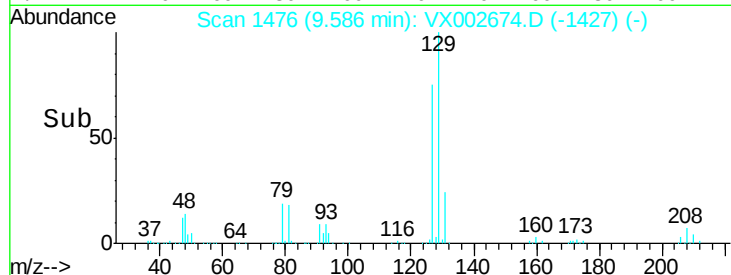
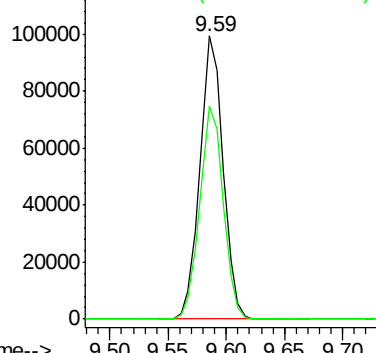
Ion Ratio Lower Upper

129 100

127 76.3 38.5 115.3



Abundance Ion 128.80 (128.50 to 129.50): V  
Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 52.693 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002674.D

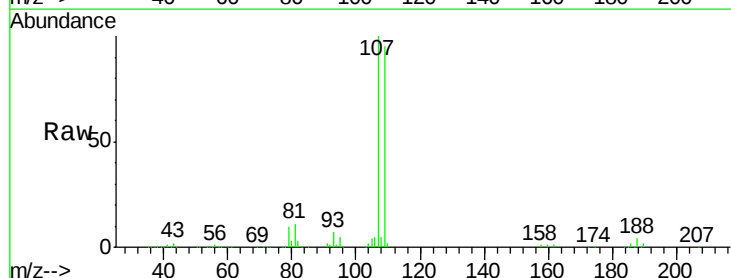
Acq: 17 Jun 2018 03:22

Tgt Ion:107 Resp: 139285

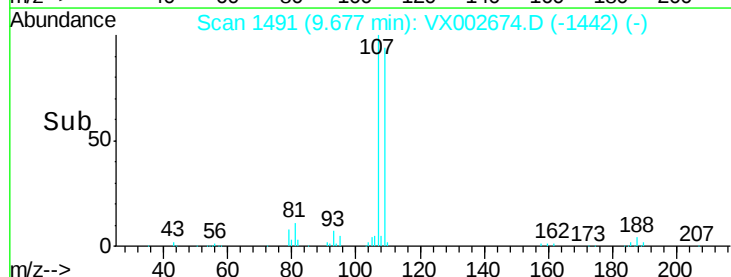
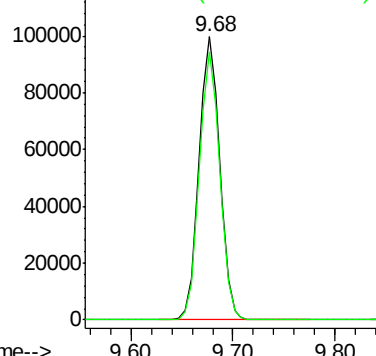
Ion Ratio Lower Upper

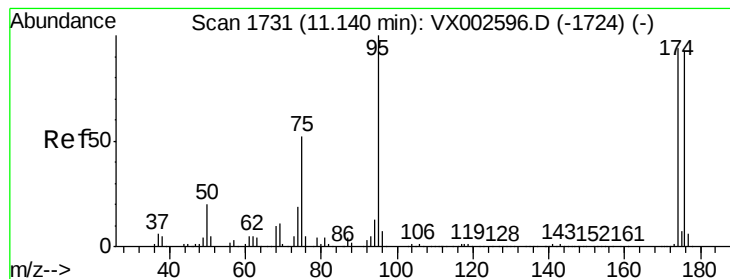
107 100

109 93.7 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V  
Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 48.582 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002674.D

Acq: 17 Jun 2018 03:22

Instrument :

MSVOA\_X

ClientSampleId :

MWHR2-6-061318MSD

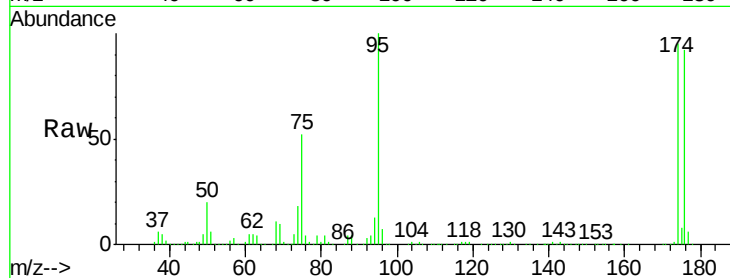
Tot Ion: 95 Resp: 173459

Ion Ratio Lower Upper

95 100

174 98.0 0.0 187.4

176 94.9 0.0 181.0

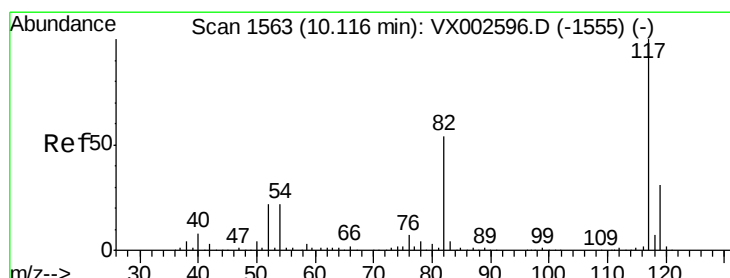
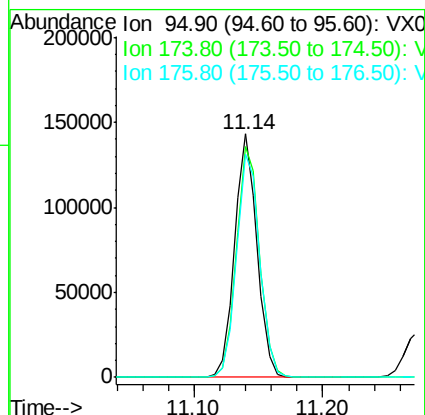
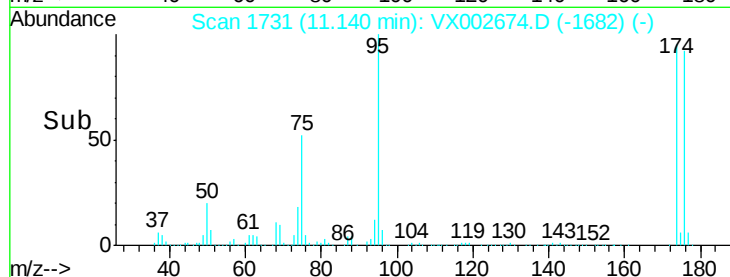


Abundance Ion 94.90 (94.60 to 95.60): VX002596.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX002596.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX002596.D (-1724) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX002674.D

Acq: 17 Jun 2018 03:22

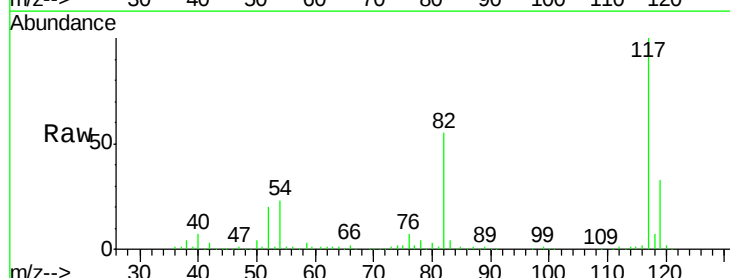
Tgt Ion: 117 Resp: 296059

Ion Ratio Lower Upper

117 100

82 55.1 45.0 67.4

119 33.0 25.8 38.6

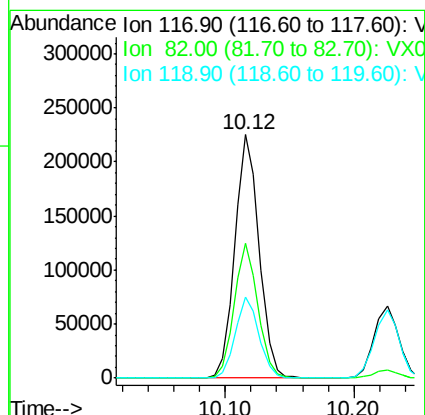
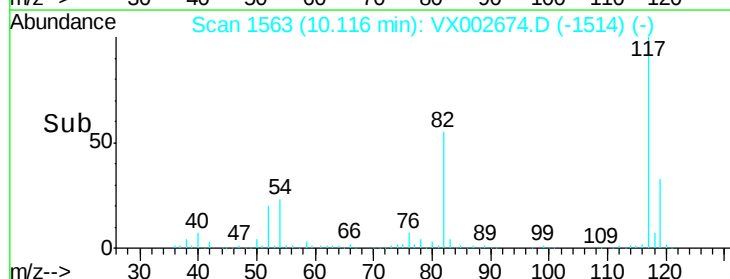


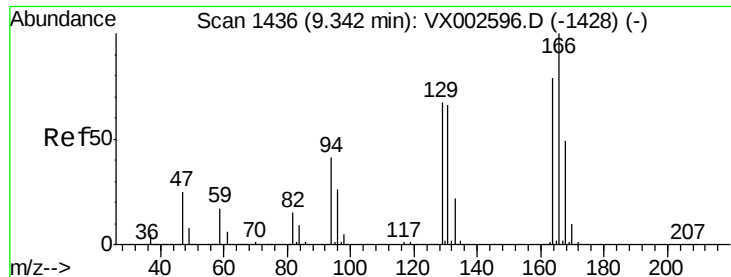
Abundance Ion 116.90 (116.60 to 117.60): VX002596.D (-1555) (-)

Ion 82.00 (81.70 to 82.70): VX002596.D (-1555) (-)

Ion 118.90 (118.60 to 119.60): VX002596.D (-1555) (-)

Time-->

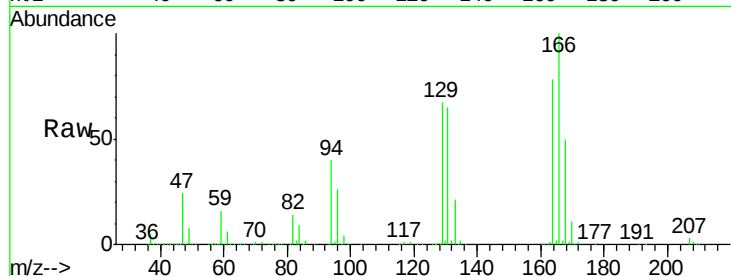




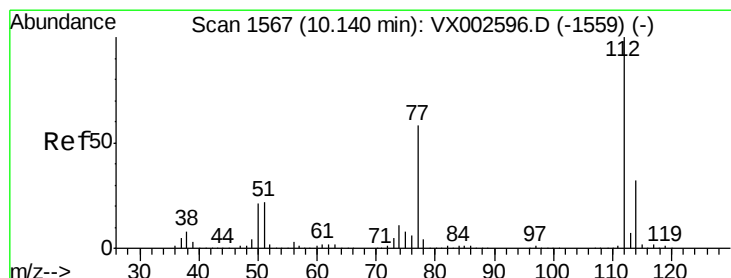
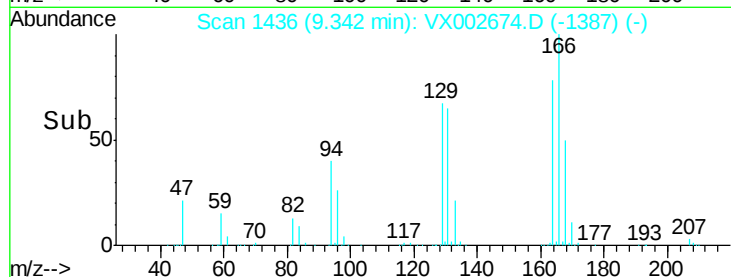
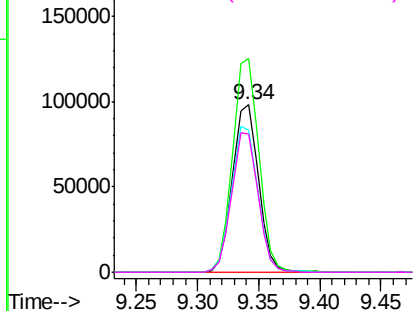
#64  
Tetrachloroethene  
Concen: 43.927 ug/l  
RT: 9.34 min Scan# 1436  
Delta R.T. 0.00 min  
Lab File: VX002674.D  
Acq: 17 Jun 2018 03:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
MWHHR2-6-061318MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 164   | Resp: | 144358 |
| Ion      | Ratio | Lower | Upper  |
| 164      | 100   |       |        |
| 166      | 127.7 | 102.9 | 154.3  |
| 129      | 85.2  | 68.6  | 102.8  |
| 131      | 83.0  | 66.8  | 100.2  |

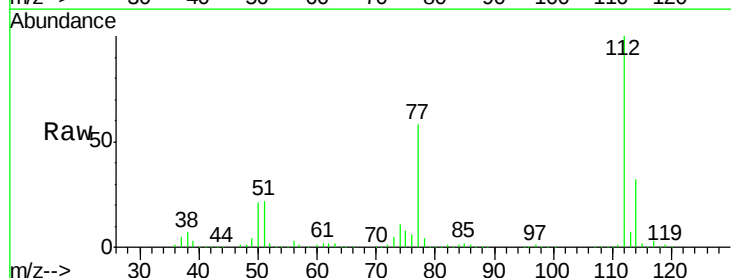


Abundance Ion 163.80 (163.50 to 164.50): V  
Ion 165.80 (165.50 to 166.50): V  
Ion 128.80 (128.50 to 129.50): V  
Ion 130.80 (130.50 to 131.50): V

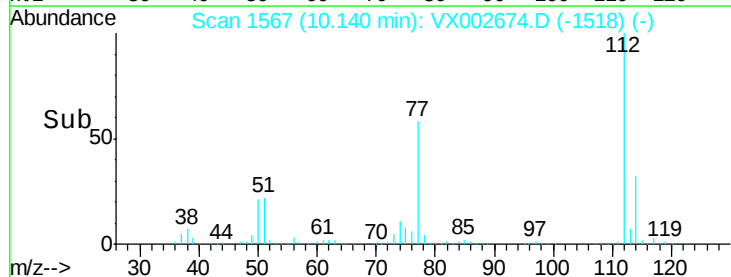
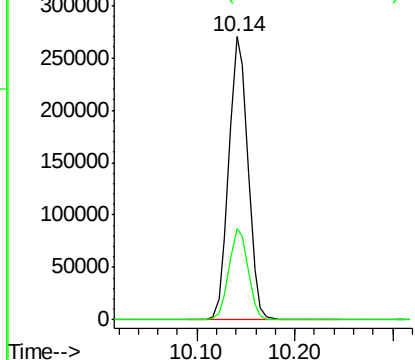


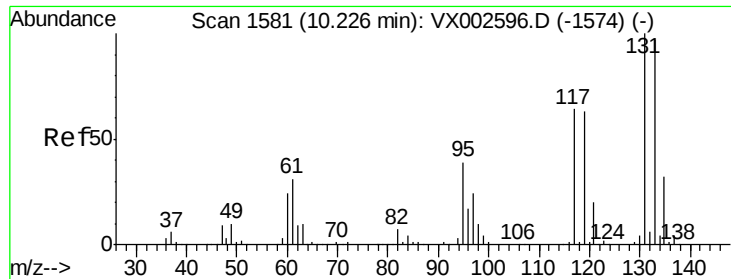
#65  
Chlorobenzene  
Concen: 50.707 ug/l  
RT: 10.14 min Scan# 1567  
Delta R.T. 0.00 min  
Lab File: VX002674.D  
Acq: 17 Jun 2018 03:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 112   | Resp: | 368677 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 114      | 32.5  | 25.3  | 37.9   |



Abundance Ion 111.90 (111.60 to 112.60): V  
Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 54.784 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX002674.D

Acq: 17 Jun 2018 03:22

Instrument :

MSVOA\_X

ClientSampleId :

MWHR2-6-061318MSD

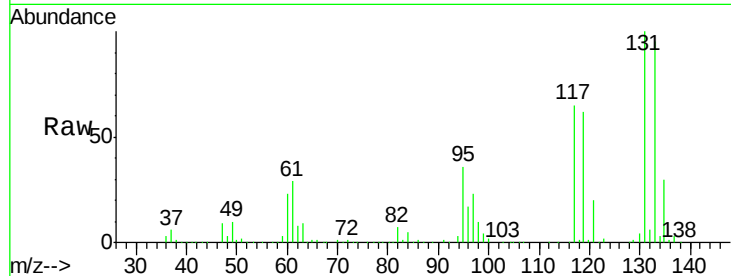
Tot Ion:131 Resp: 135797

Ion Ratio Lower Upper

131 100

133 95.7 47.9 143.6

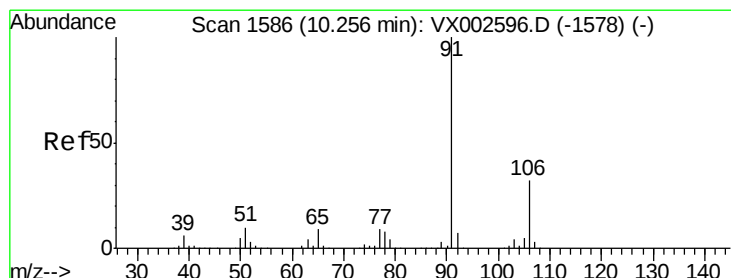
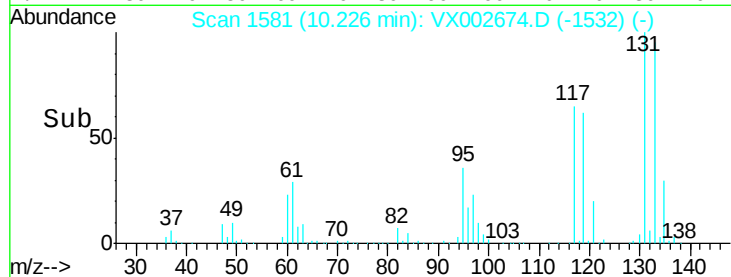
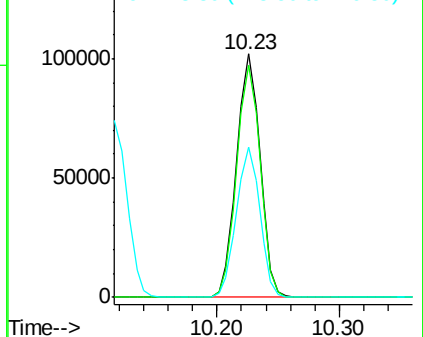
119 61.7 31.8 95.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 50.542 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX002674.D

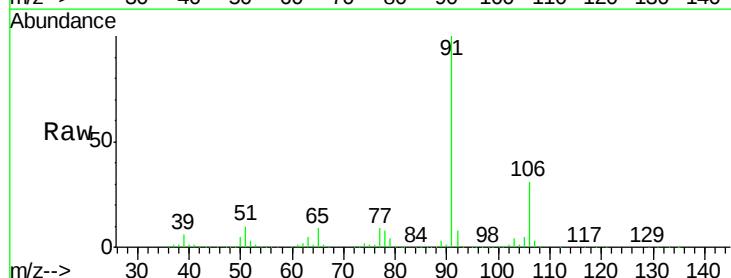
Acq: 17 Jun 2018 03:22

Tgt Ion: 91 Resp: 619821

Ion Ratio Lower Upper

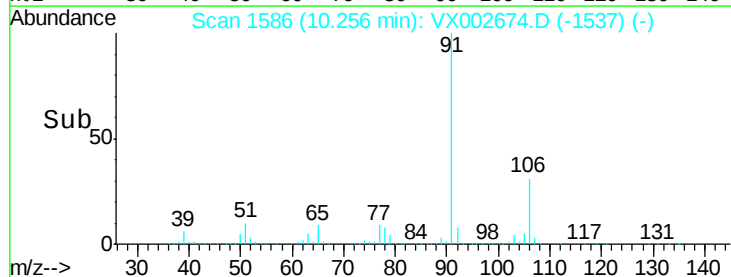
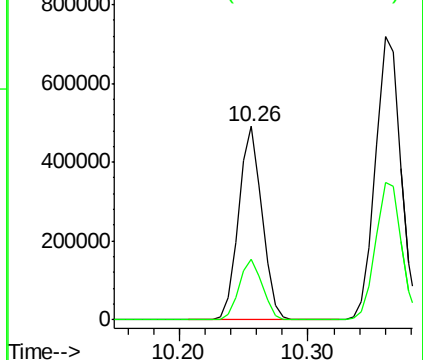
91 100

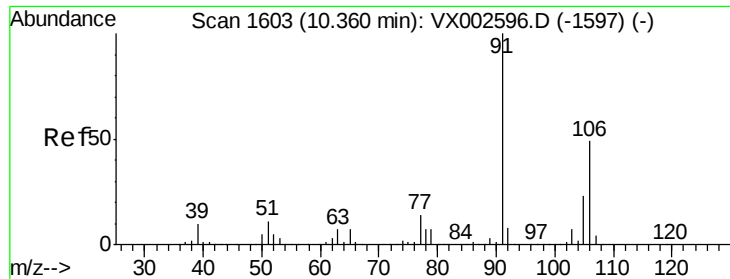
106 31.1 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

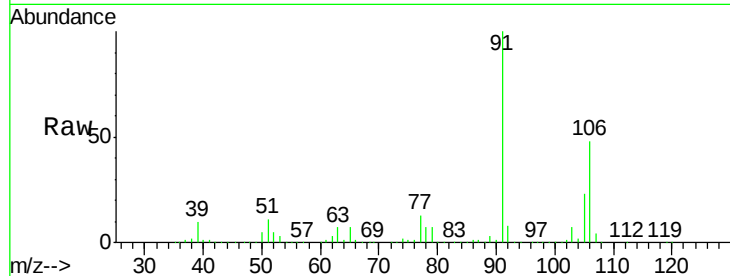




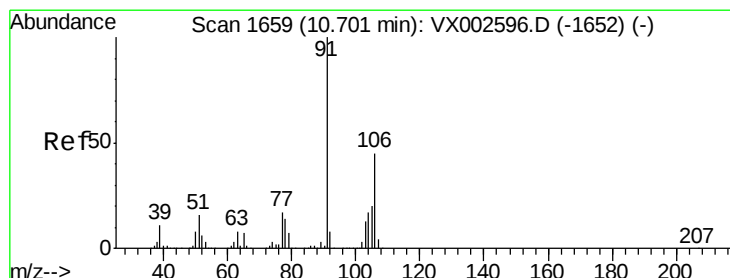
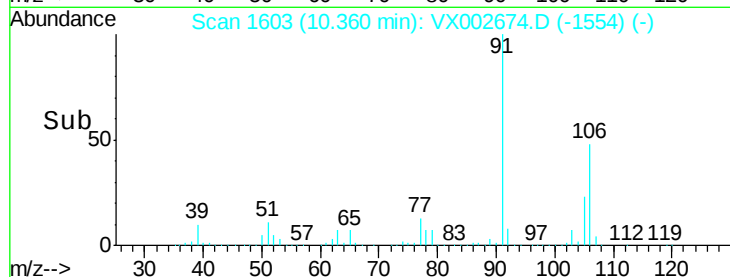
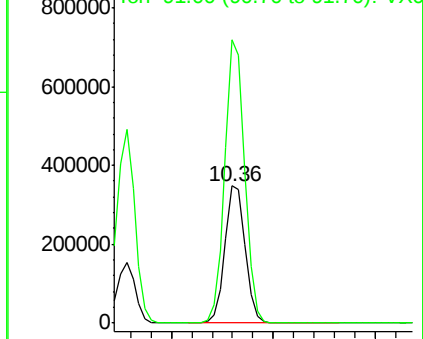
#68  
m/p-Xylenes  
Concen: 100.828 ug/l  
RT: 10.36 min Scan# 1603  
Delta R.T. 0.00 min  
Lab File: VX002674.D  
Acq: 17 Jun 2018 03:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
MWHR2-6-061318MSD

Tot Ion:106 Resp: 476975  
Ion Ratio Lower Upper  
106 100  
91 203.2 163.4 245.2

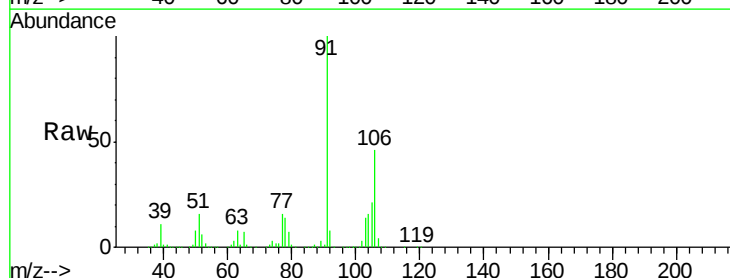


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VX0

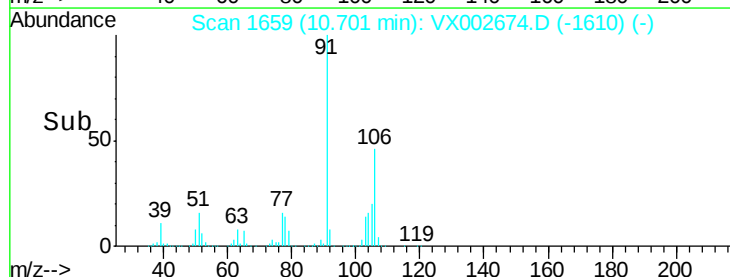
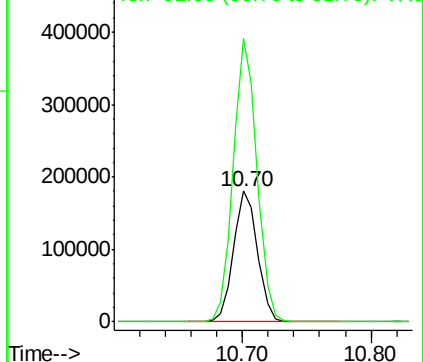


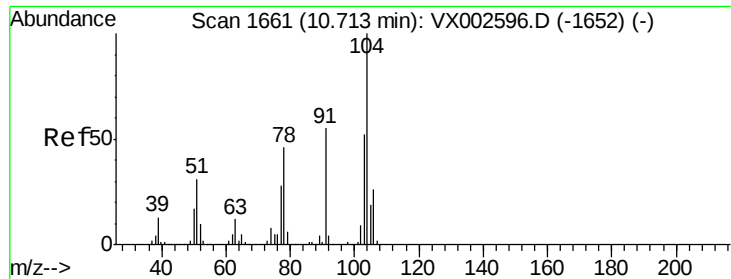
#69  
o-Xylene  
Concen: 50.423 ug/l  
RT: 10.70 min Scan# 1659  
Delta R.T. 0.00 min  
Lab File: VX002674.D  
Acq: 17 Jun 2018 03:22

Tgt Ion:106 Resp: 234354  
Ion Ratio Lower Upper  
106 100  
91 213.4 108.2 324.6



Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VX0

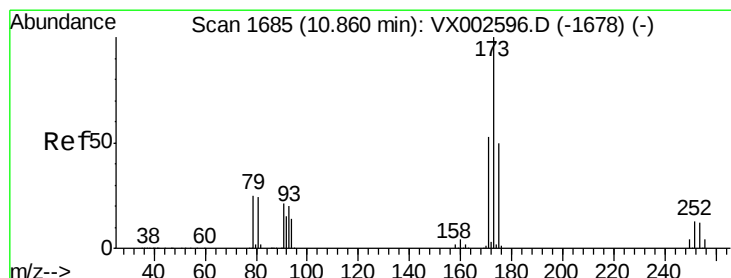
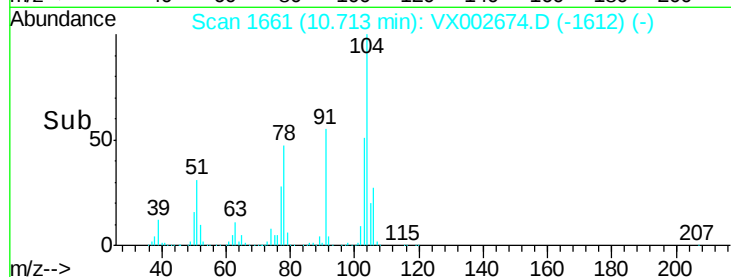
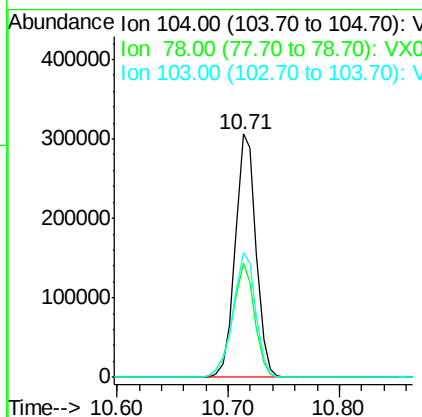
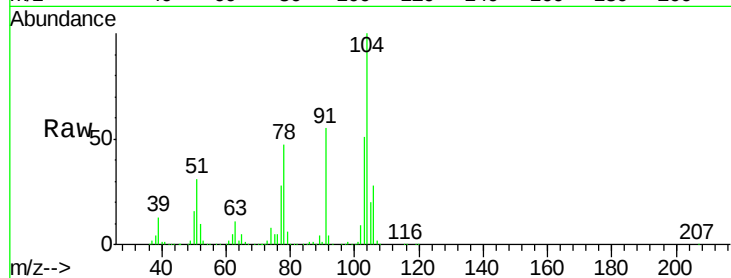




#70  
Stvrene  
Concen: 51.586 ug/l  
RT: 10.71 min Scan# 1661  
Delta R.T. 0.00 min  
Lab File: VX002674.D  
Acq: 17 Jun 2018 03:22

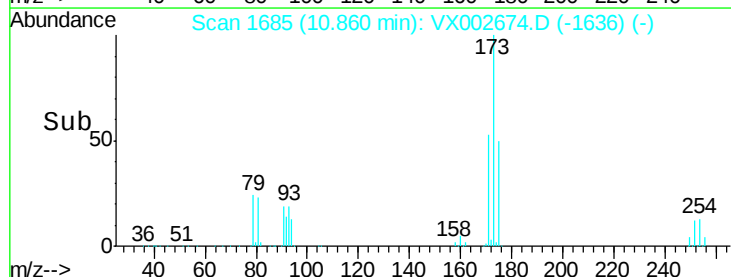
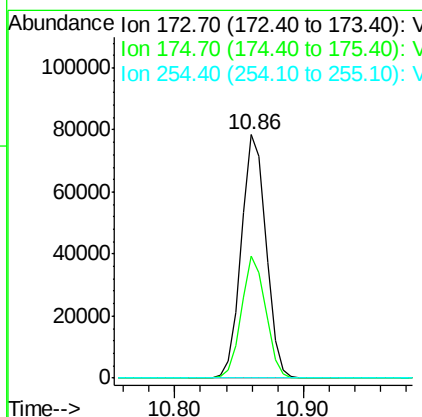
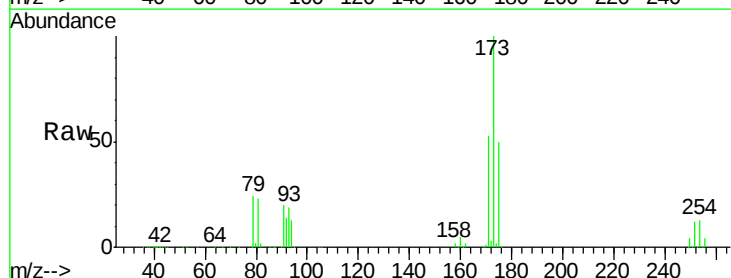
Instrument :  
MSVOA\_X  
ClientSampleId :  
MWHR2-6-061318MSD

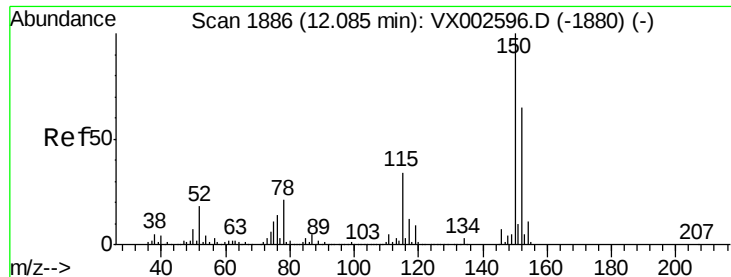
Tot Ion:104 Resp: 394303  
Ion Ratio Lower Upper  
104 100  
78 50.5 41.0 61.6  
103 55.9 44.2 66.4



#71  
Bromoform  
Concen: 46.446 ug/l  
RT: 10.86 min Scan# 1685  
Delta R.T. 0.00 min  
Lab File: VX002674.D  
Acq: 17 Jun 2018 03:22

Tgt Ion:173 Resp: 103953  
Ion Ratio Lower Upper  
173 100  
175 49.1 24.7 74.1  
254 0.2 0.2 0.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002674.D

Acq: 17 Jun 2018 03:22

Instrument :

MSVOA\_X

ClientSampleId :

MWHR2-6-061318MSD

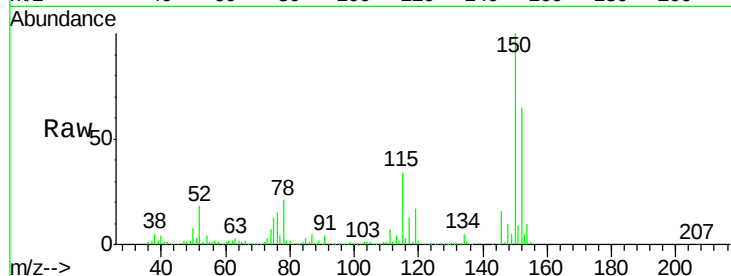
Tot Ion:152 Resp: 188982

Ion Ratio Lower Upper

152 100

115 77.5 40.1 120.2

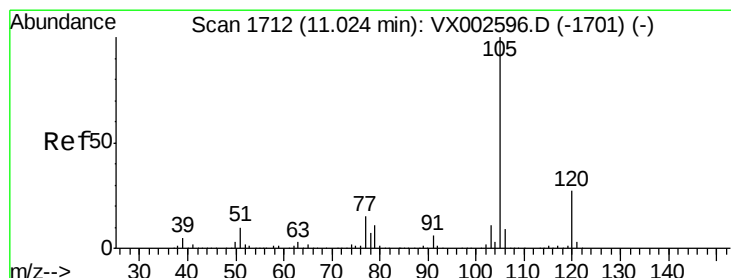
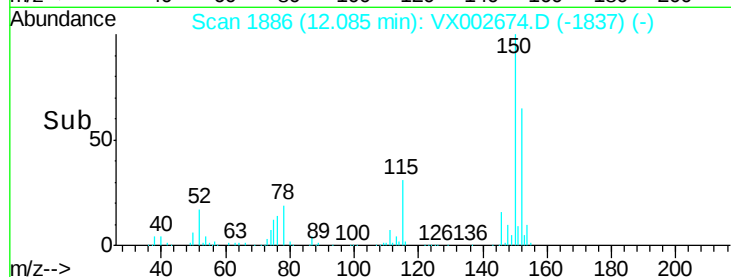
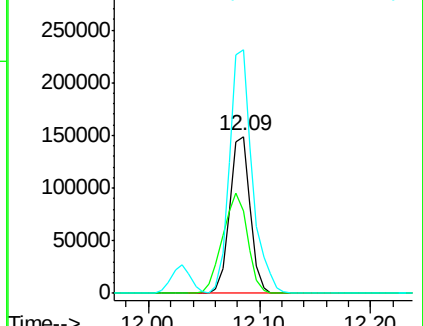
150 172.2 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 49.871 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002674.D

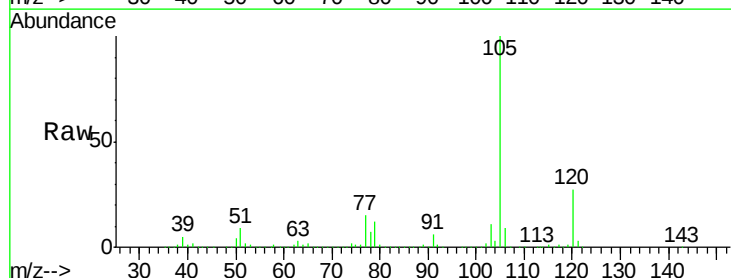
Acq: 17 Jun 2018 03:22

Tgt Ion:105 Resp: 630330

Ion Ratio Lower Upper

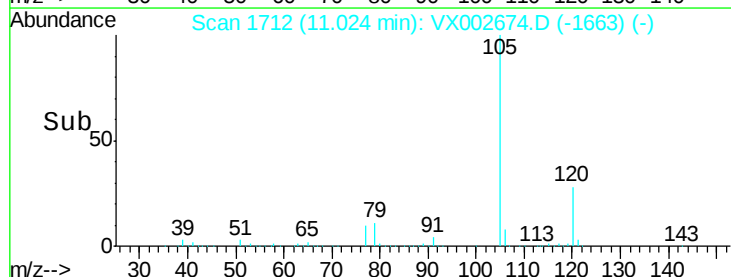
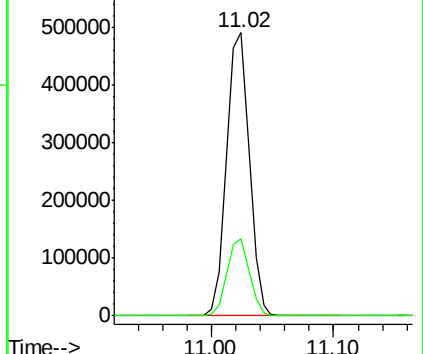
105 100

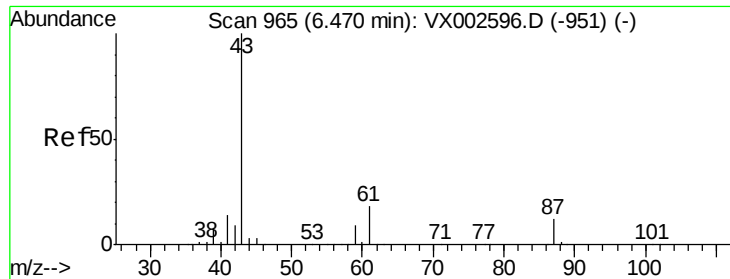
120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 45.059 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002674.D

Acq: 17 Jun 2018 03:22

Instrument :

MSVOA\_X

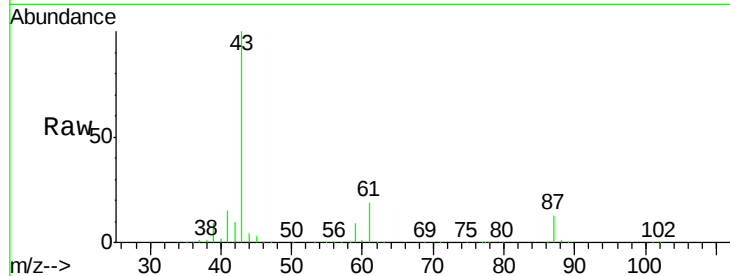
ClientSampleId :

MWHR2-6-061318MSD

Tot Ion: 43 Resp: 282963

Ion Ratio Lower Upper

|    |      |      |      |
|----|------|------|------|
| 43 | 100  |      |      |
| 70 | 0.0  | 0.0  | 0.0  |
| 55 | 0.0  | 0.0  | 0.0# |
| 61 | 18.4 | 14.4 | 21.6 |

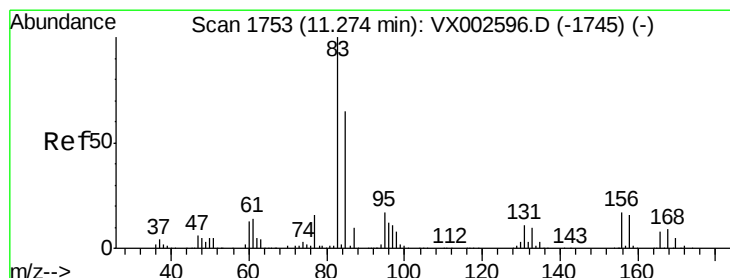
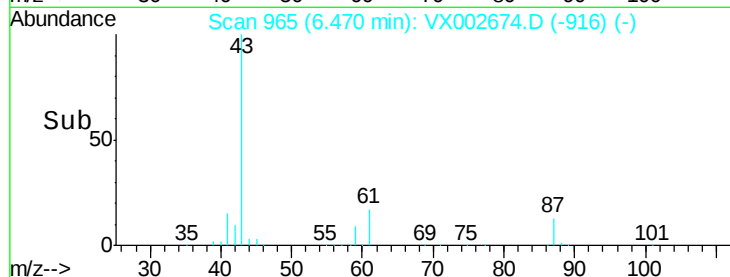
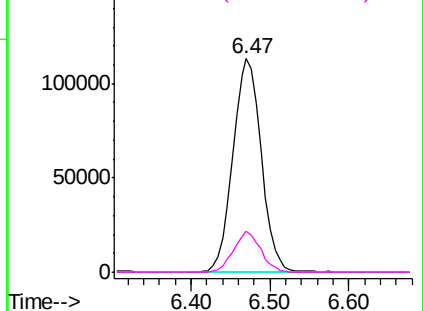


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 52.540 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

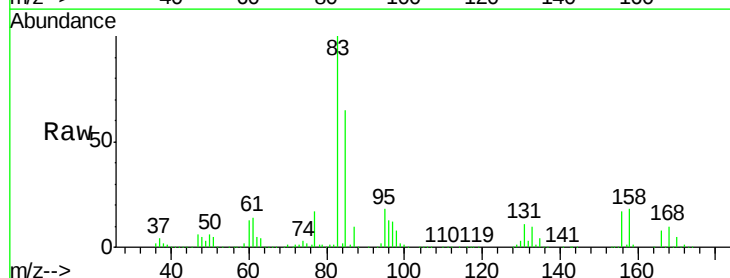
Lab File: VX002674.D

Acq: 17 Jun 2018 03:22

Tgt Ion: 83 Resp: 196106

Ion Ratio Lower Upper

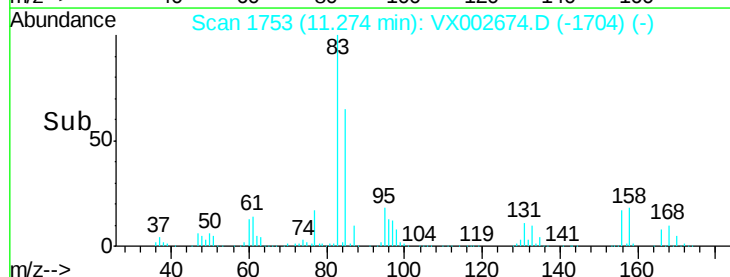
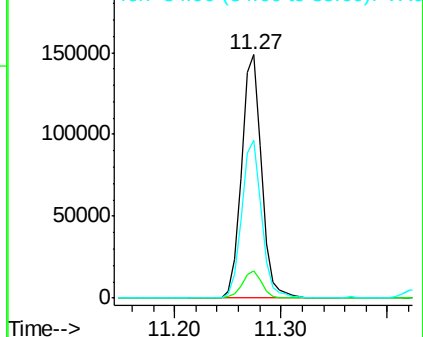
|     |      |      |      |
|-----|------|------|------|
| 83  | 100  |      |      |
| 131 | 10.9 | 5.6  | 16.8 |
| 85  | 64.6 | 32.4 | 97.2 |

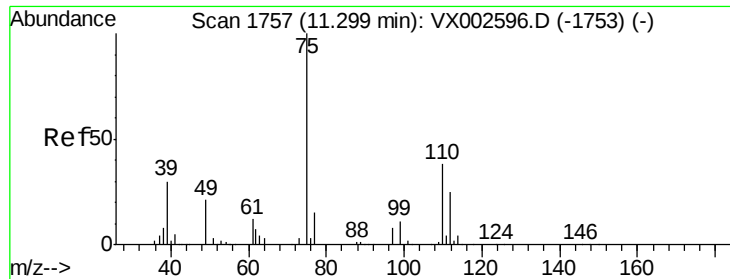


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 60.810 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX002674.D

Acq: 17 Jun 2018 03:22

Instrument :

MSVOA\_X

ClientSampleId :

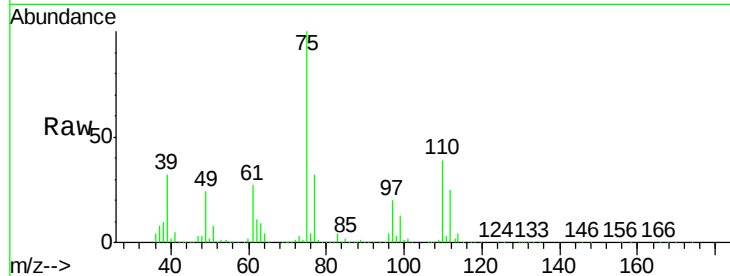
MWHR2-6-061318MSD

Tot Ion: 75 Resp: 216853

Ion Ratio Lower Upper

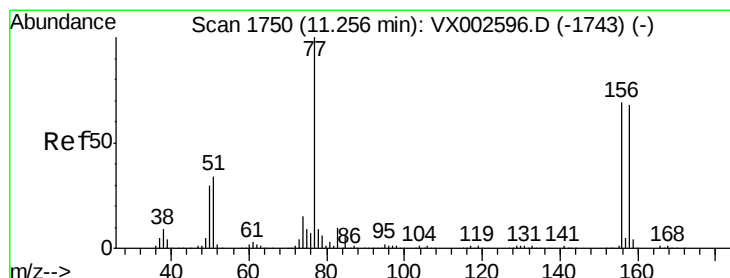
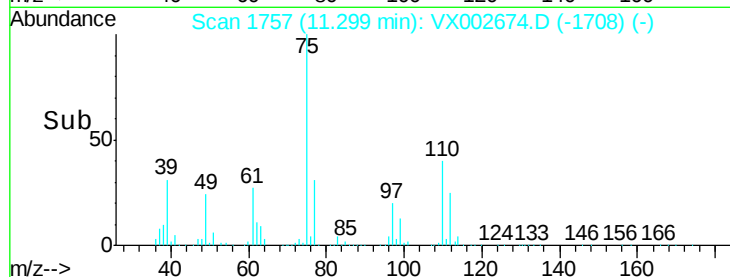
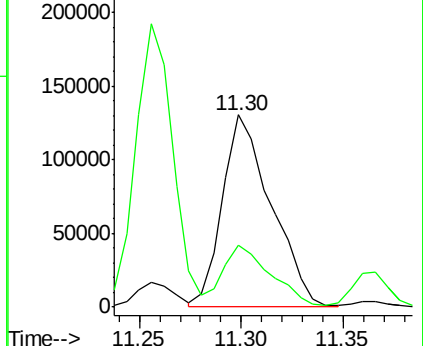
75 100

77 31.9 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 50.841 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.01 min

Lab File: VX002674.D

Acq: 17 Jun 2018 03:22

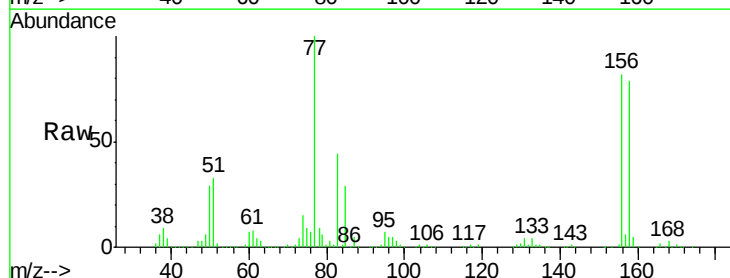
Tgt Ion: 156 Resp: 179023

Ion Ratio Lower Upper

156 100

77 136.0 71.4 214.2

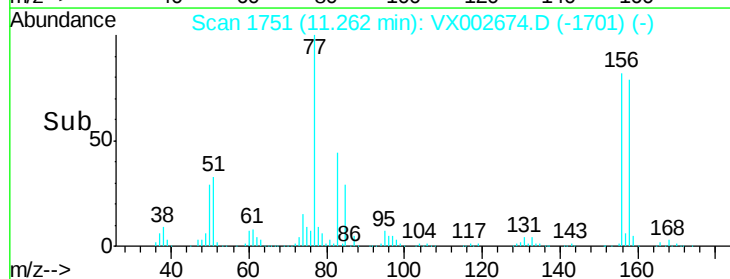
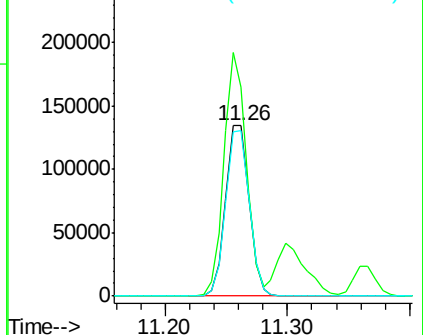
158 97.5 48.9 146.6

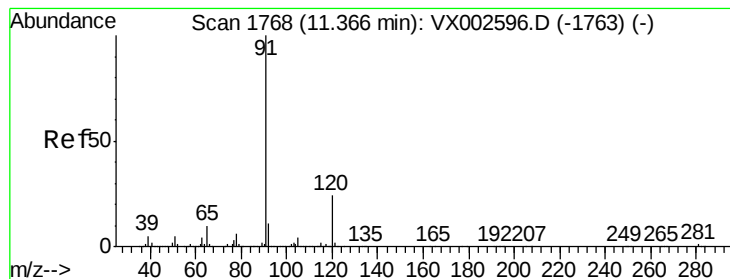


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 49.445 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002674.D

Acq: 17 Jun 2018 03:22

Instrument :

MSVOA\_X

ClientSampleId :

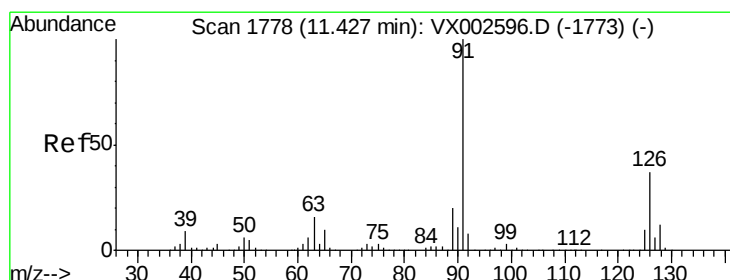
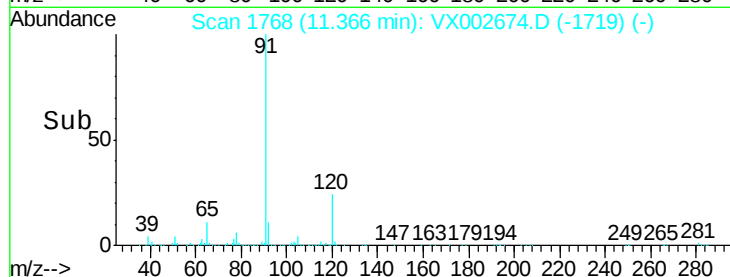
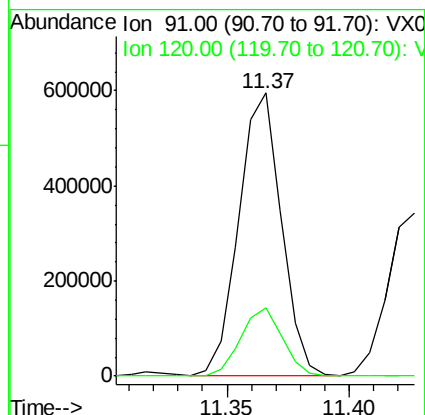
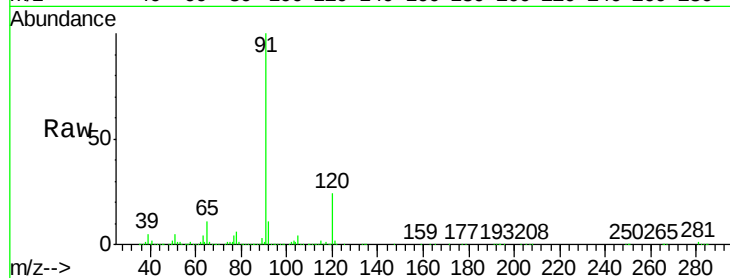
MWHR2-6-061318MSD

Tot Ion: 91 Resp: 716728

Ion Ratio Lower Upper

91 100

120 23.9 11.8 35.4



#79

2-Chlorotoluene

Concen: 48.999 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002674.D

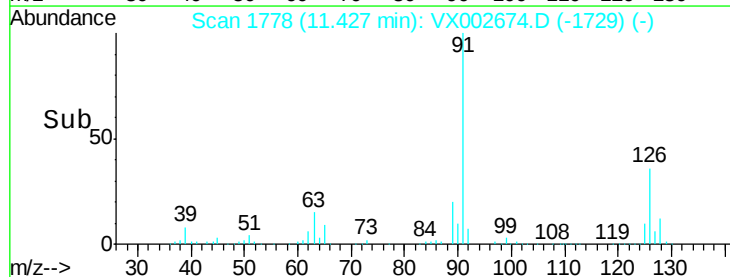
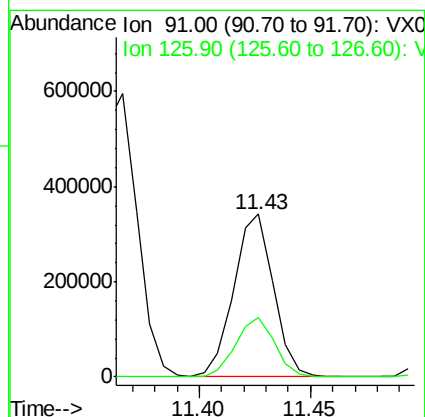
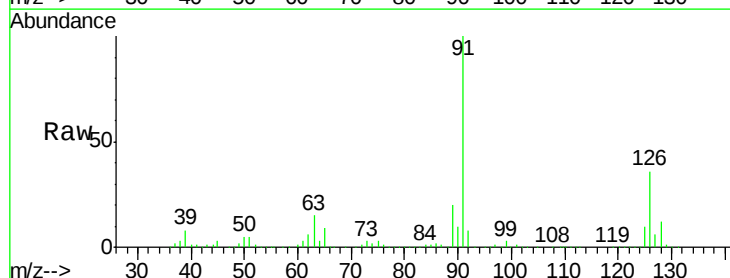
Acq: 17 Jun 2018 03:22

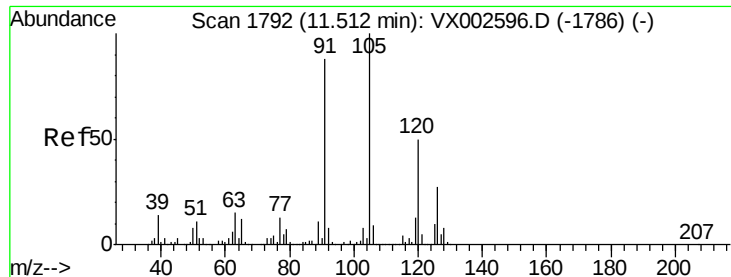
Tgt Ion: 91 Resp: 424060

Ion Ratio Lower Upper

91 100

126 36.1 17.7 53.1

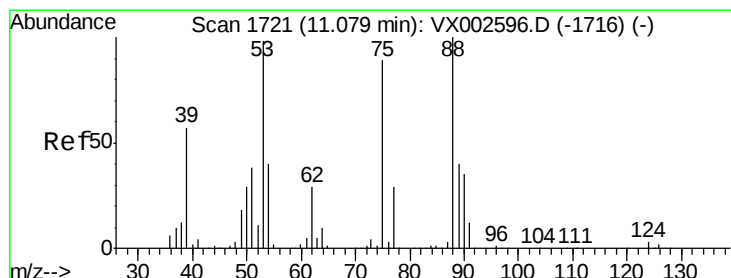
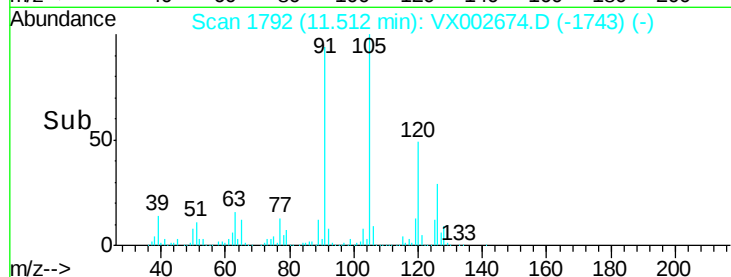
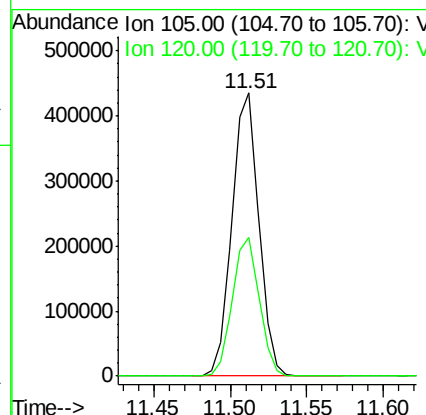
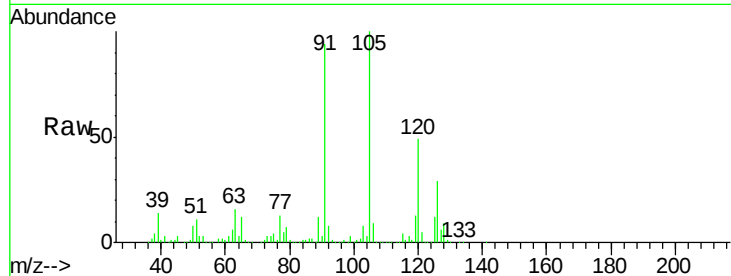




#80  
 1,3,5-Trimethylbenzene  
 Concen: 49.506 ug/l  
 RT: 11.51 min Scan# 1792  
 Delta R.T. 0.00 min  
 Lab File: VX002674.D  
 Acq: 17 Jun 2018 03:22

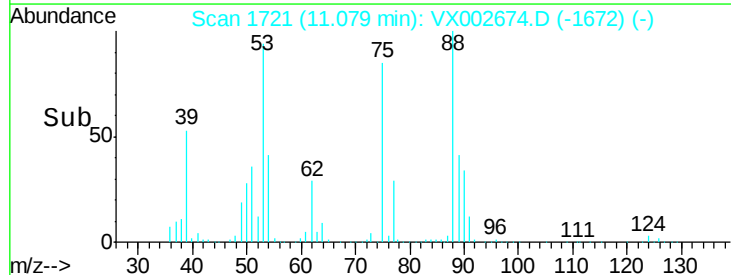
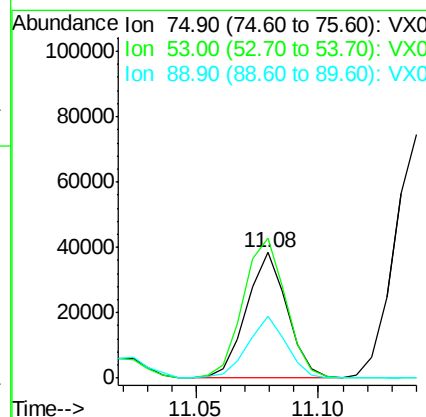
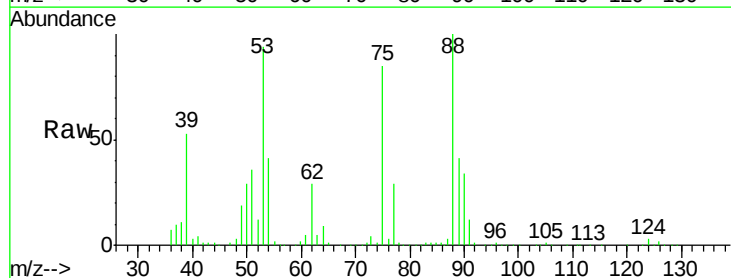
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MWHR2-6-061318MSD

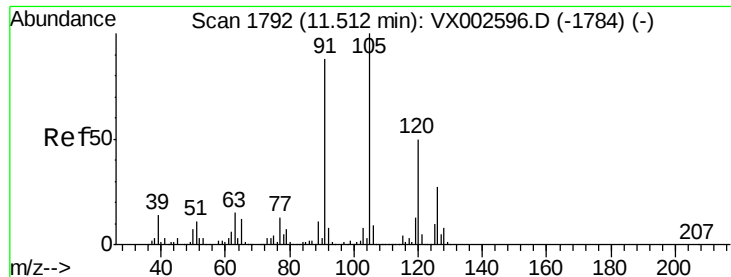
Tot Ion:105 Resp: 528794  
 Ion Ratio Lower Upper  
 105 100  
 120 49.4 24.4 73.4



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 40.674 ug/l  
 RT: 11.08 min Scan# 1721  
 Delta R.T. 0.00 min  
 Lab File: VX002674.D  
 Acq: 17 Jun 2018 03:22

Tgt Ion: 75 Resp: 44381  
 Ion Ratio Lower Upper  
 75 100  
 53 117.5 86.8 130.2  
 89 47.5 38.2 57.2

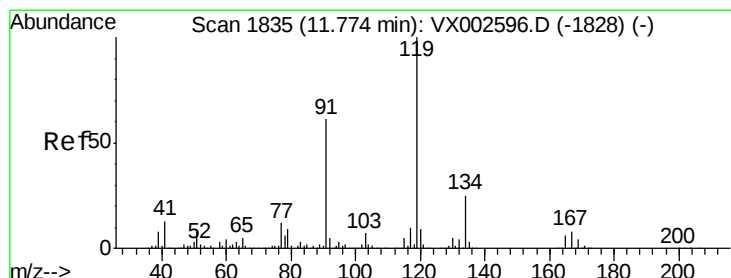
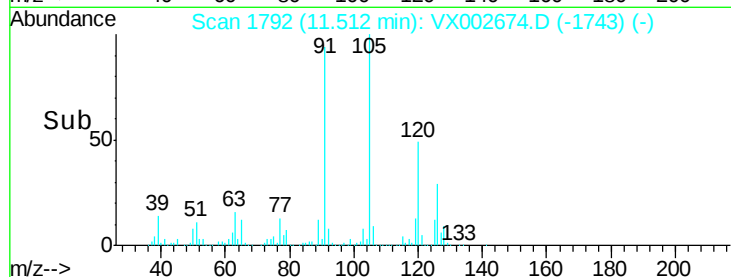
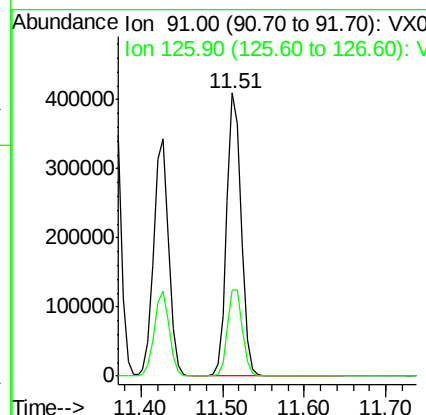
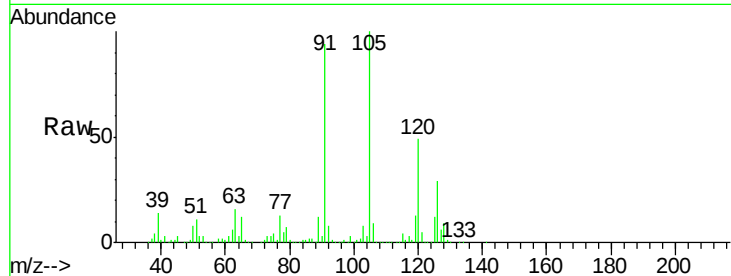




#82  
4-Chlorotoluene  
Concen: 49.926 ug/l  
RT: 11.51 min Scan# 1792  
Delta R.T. 0.00 min  
Lab File: VX002674.D  
Acq: 17 Jun 2018 03:22

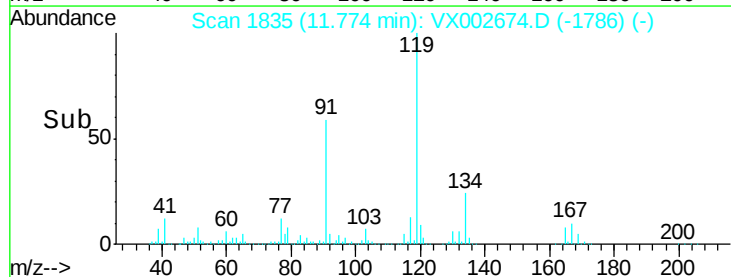
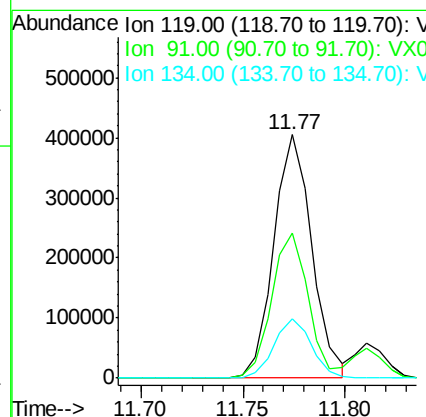
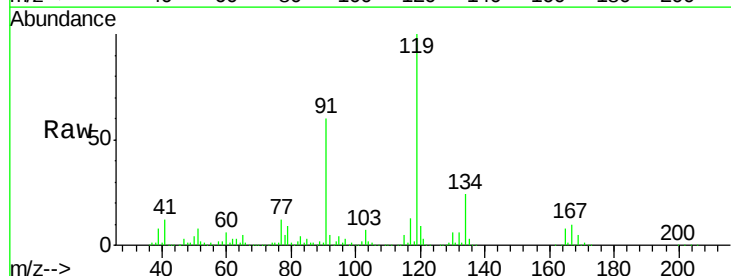
Instrument :  
MSVOA\_X  
ClientSampleId :  
MWHR2-6-061318MSD

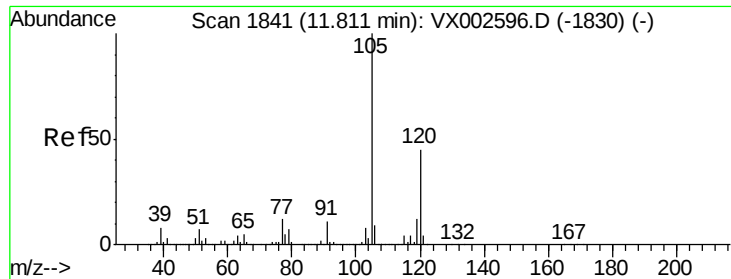
Tot Ion: 91 Resp: 509847  
Ion Ratio Lower Upper  
91 100  
126 31.4 15.4 46.4



#83  
tert-Butylbenzene  
Concen: 51.235 ug/l  
RT: 11.77 min Scan# 1835  
Delta R.T. 0.00 min  
Lab File: VX002674.D  
Acq: 17 Jun 2018 03:22

Tgt Ion: 119 Resp: 527209  
Ion Ratio Lower Upper  
119 100  
91 58.0 30.3 90.9  
134 23.8 11.7 35.1





#84

1,2,4-Trimethylbenzene

Concen: 50.251 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX002674.D

Acq: 17 Jun 2018 03:22

Instrument :

MSVOA\_X

ClientSampleId :

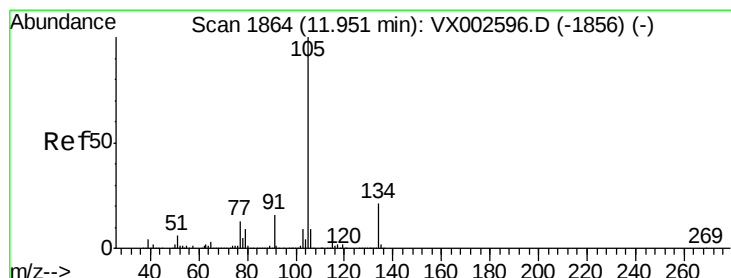
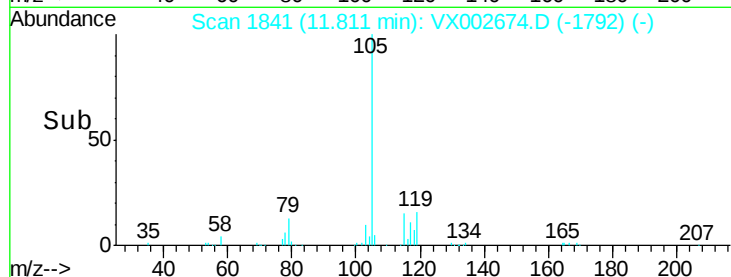
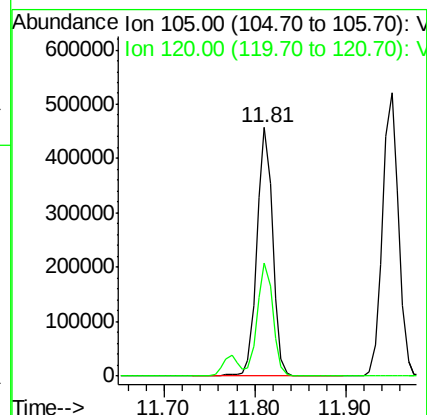
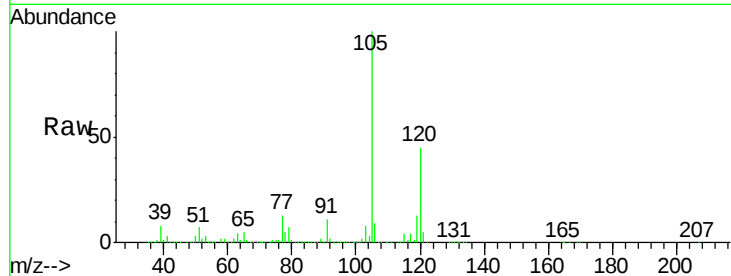
MWHR2-6-061318MSD

Tot Ion:105 Resp: 547705

Ion Ratio Lower Upper

105 100

120 45.2 22.3 66.8



#85

sec-Butylbenzene

Concen: 49.763 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002674.D

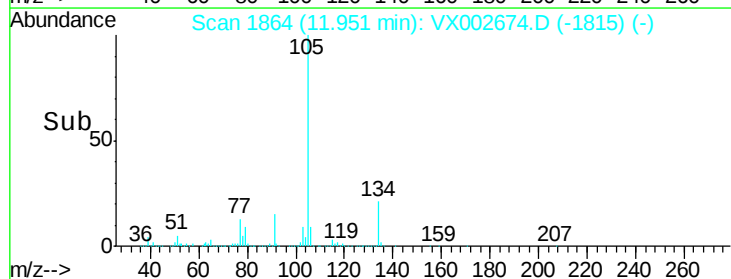
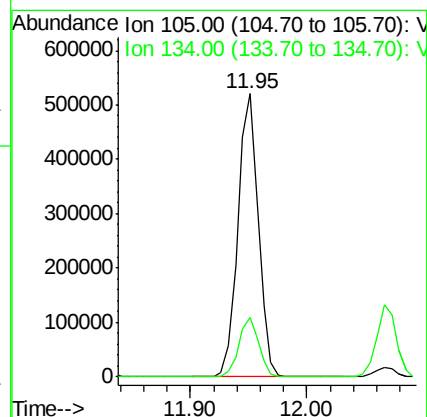
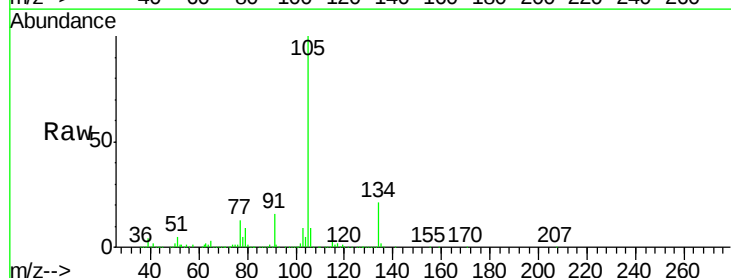
Acq: 17 Jun 2018 03:22

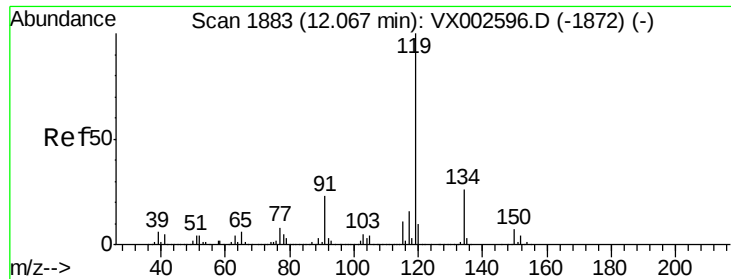
Tgt Ion:105 Resp: 636723

Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.1





#86

p-Isopropyltoluene

Concen: 49.647 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002674.D

Acq: 17 Jun 2018 03:22

Instrument :

MSVOA\_X

ClientSampleId :

MWHR2-6-061318MSD

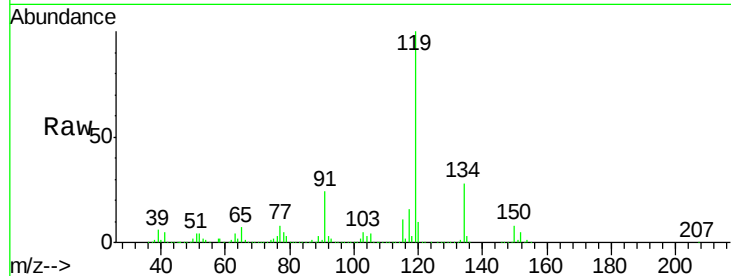
Tot Ion:119 Resp: 574759

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

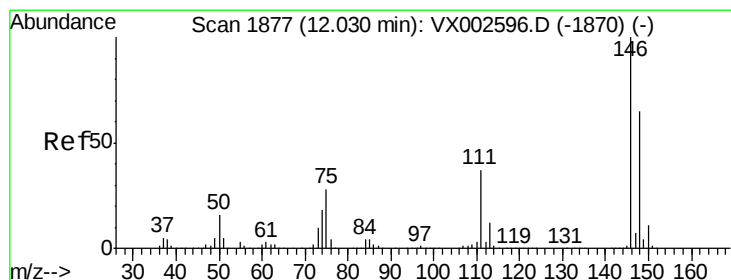
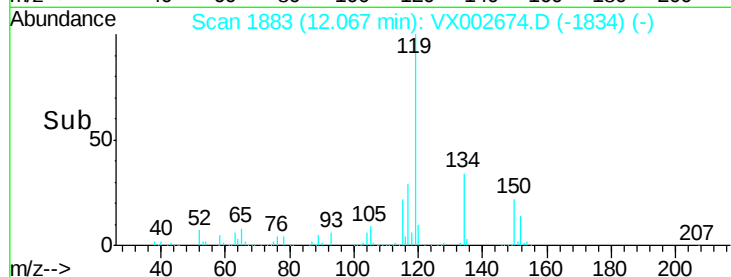
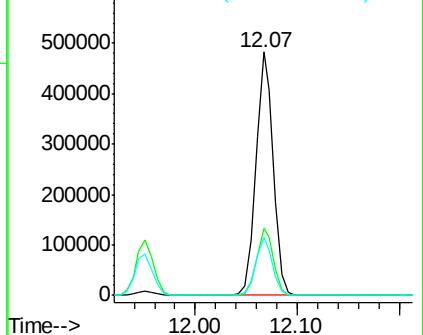
91 23.5 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#87

1,3-Dichlorobenzene

Concen: 49.942 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX002674.D

Acq: 17 Jun 2018 03:22

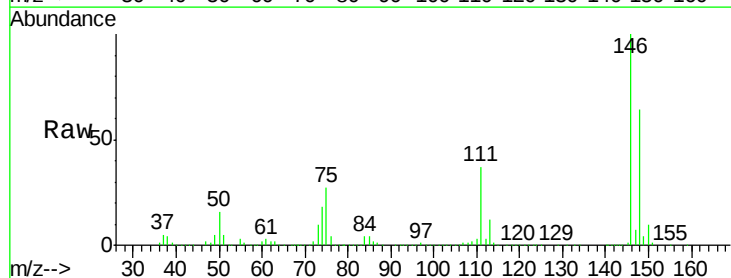
Tgt Ion:146 Resp: 322504

Ion Ratio Lower Upper

146 100

111 37.1 18.9 56.7

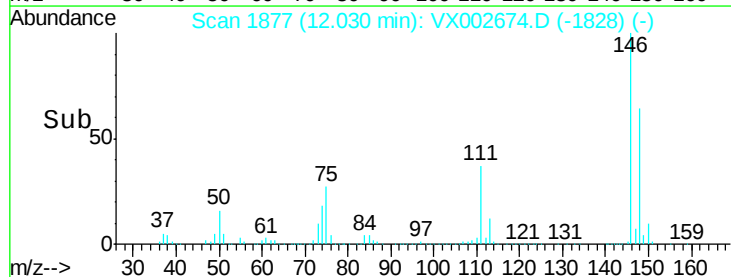
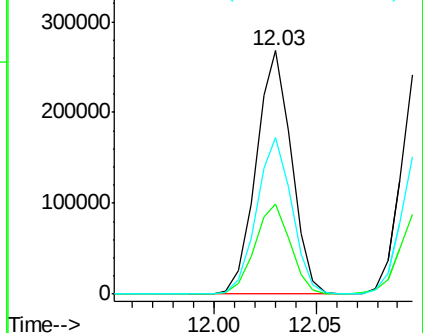
148 64.0 32.1 96.3

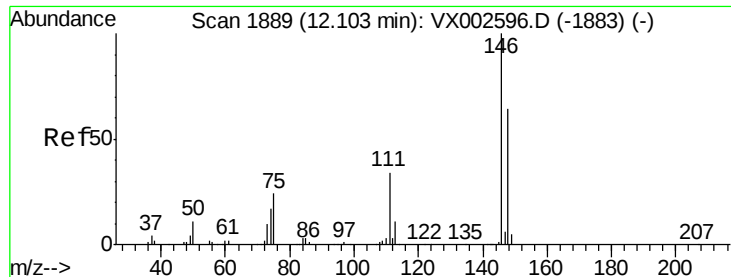


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 50.313 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX002674.D

Acq: 17 Jun 2018 03:22

Instrument :

MSVOA\_X

ClientSampleId :

MWHR2-6-061318MSD

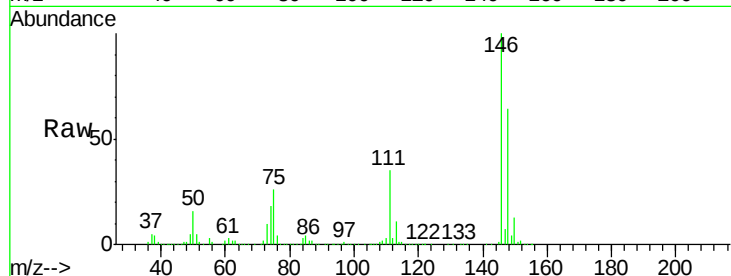
Tot Ion:146 Resp: 330582

Ion Ratio Lower Upper

146 100

111 35.7 18.7 56.1

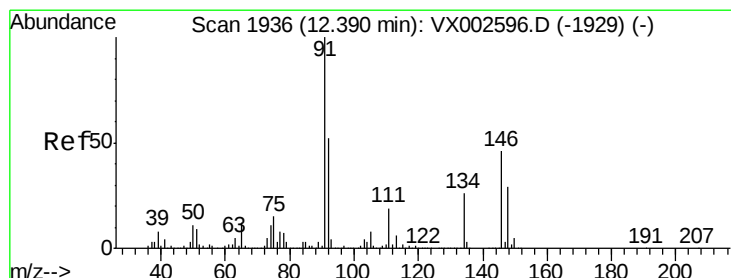
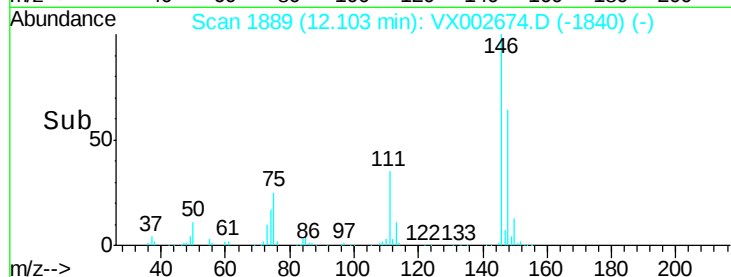
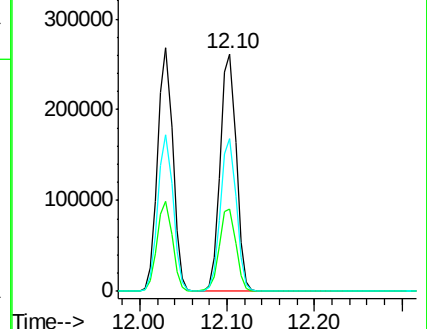
148 63.8 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 49.601 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX002674.D

Acq: 17 Jun 2018 03:22

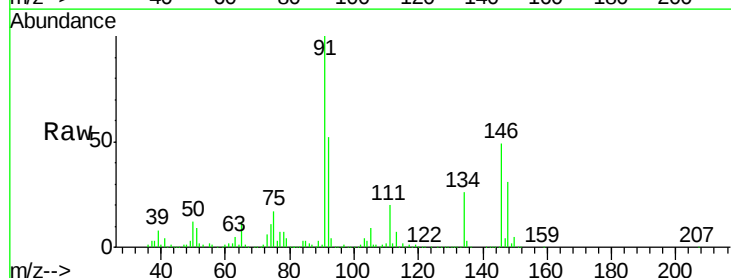
Tgt Ion: 91 Resp: 506567

Ion Ratio Lower Upper

91 100

92 51.9 26.0 78.0

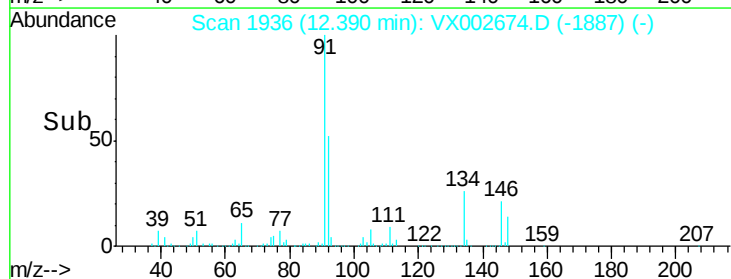
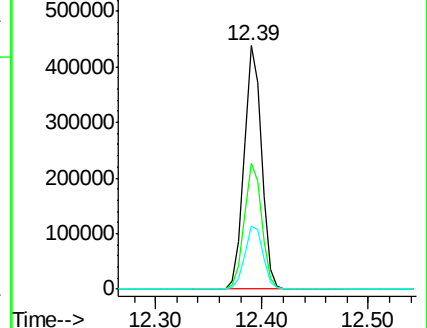
134 27.2 13.5 40.5

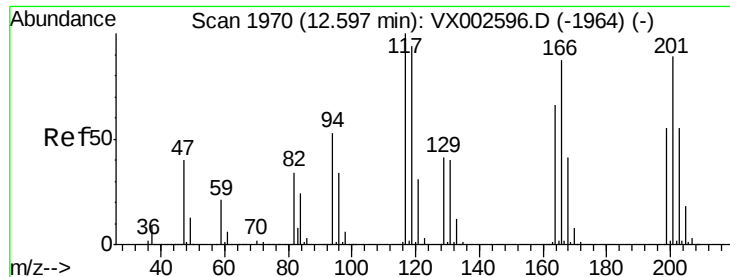


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

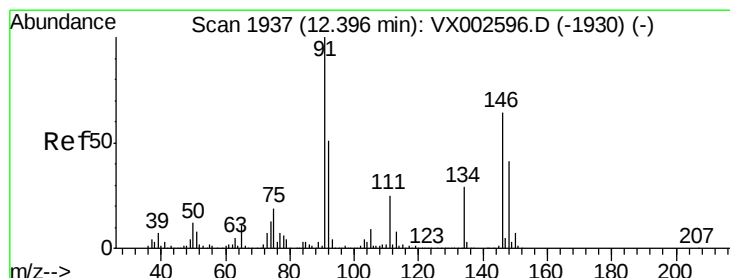
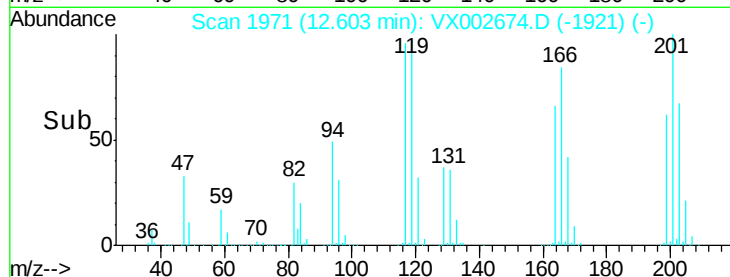
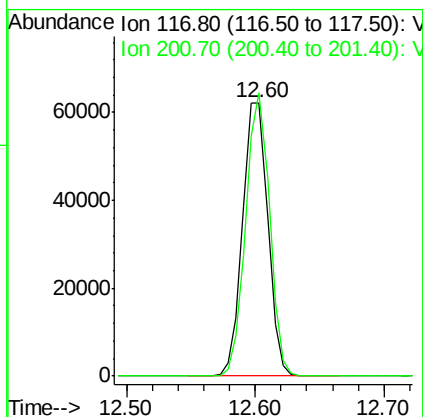
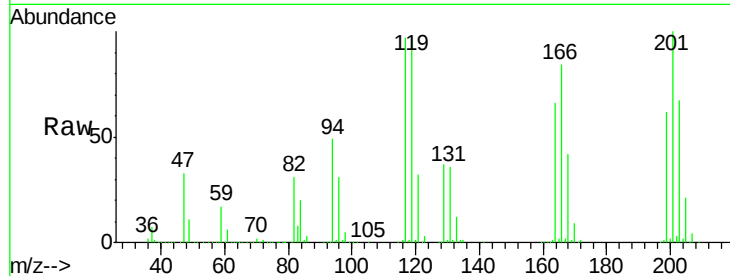




#90  
Hexachloroethane  
Concen: 46.998 ug/l  
RT: 12.60 min Scan# 1971  
Delta R.T. 0.01 min  
Lab File: VX002674.D  
Acq: 17 Jun 2018 03:22

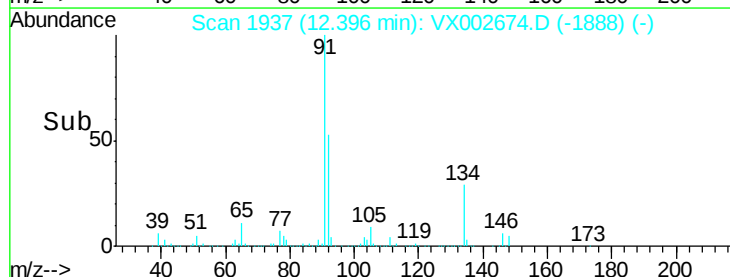
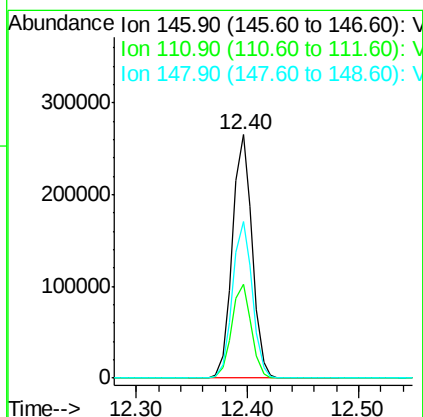
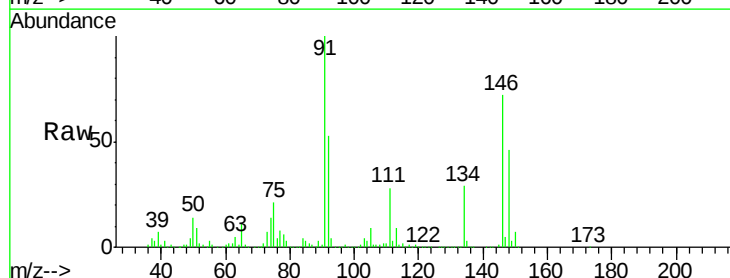
Instrument :  
MSVOA\_X  
ClientSampleId :  
MWHR2-6-061318MSD

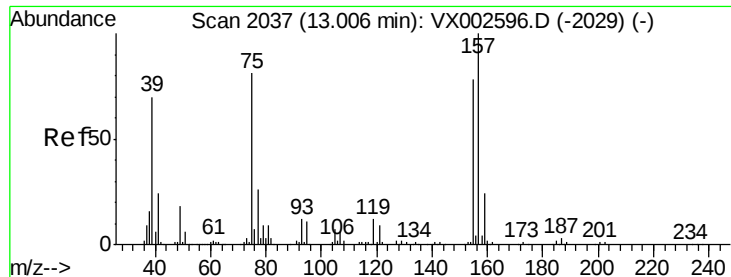
Tot Ion:117 Resp: 84513  
Ion Ratio Lower Upper  
117 100  
201 97.0 49.0 147.0



#91  
1,2-Dichlorobenzene  
Concen: 50.004 ug/l  
RT: 12.40 min Scan# 1937  
Delta R.T. 0.00 min  
Lab File: VX002674.D  
Acq: 17 Jun 2018 03:22

Tgt Ion:146 Resp: 324990  
Ion Ratio Lower Upper  
146 100  
111 38.4 19.4 58.1  
148 64.5 31.7 95.1





#92

1,2-Dibromo-3-Chloropropane

Concen: 54.088 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX002674.D

Acq: 17 Jun 2018 03:22

Instrument :

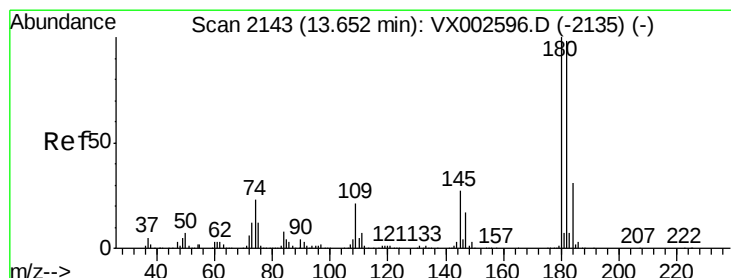
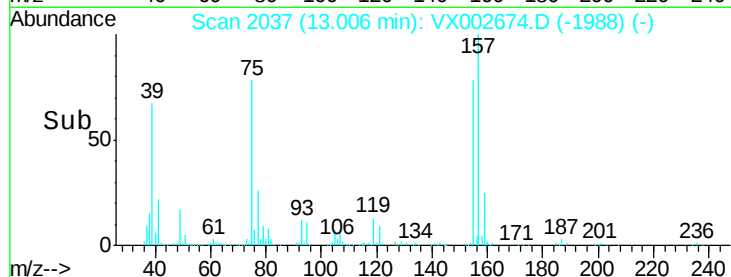
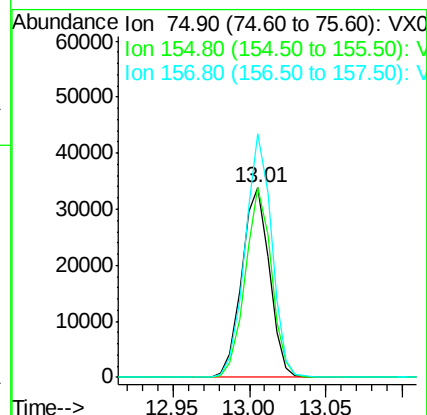
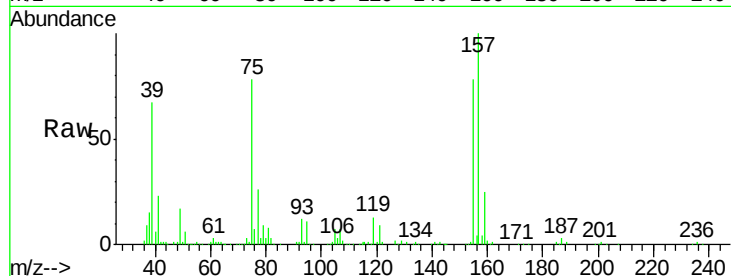
MSVOA\_X

ClientSampleId :

MWHR2-6-061318MSD

Tot Ion: 75 Resp: 42287

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 155 | 95.1  | 45.8  | 137.4 |
| 157 | 123.2 | 60.1  | 180.3 |



#93

1,2,4-Trichlorobenzene

Concen: 50.320 ug/l

RT: 13.65 min Scan# 2143

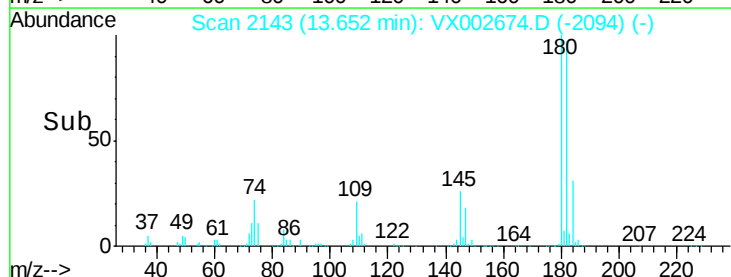
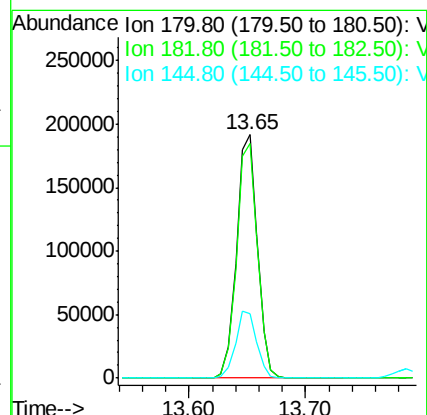
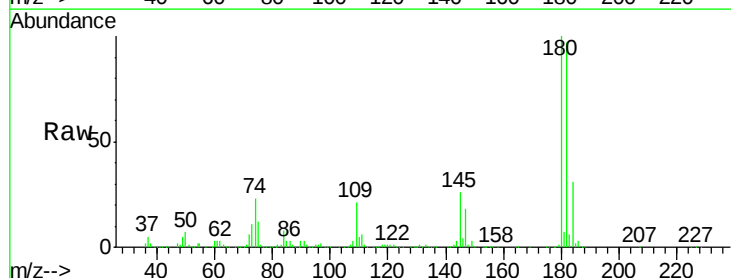
Delta R.T. 0.00 min

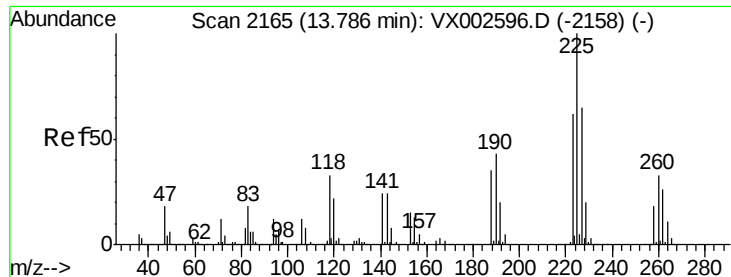
Lab File: VX002674.D

Acq: 17 Jun 2018 03:22

Tgt Ion: 180 Resp: 237360

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 97.0  | 47.7  | 143.1 |
| 145 | 27.8  | 14.1  | 42.4  |





#94

Hexachlorobutadiene

Concen: 46.708 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX002674.D

Acq: 17 Jun 2018 03:22

Instrument :

MSVOA\_X

ClientSampleId :

MWHR2-6-061318MSD

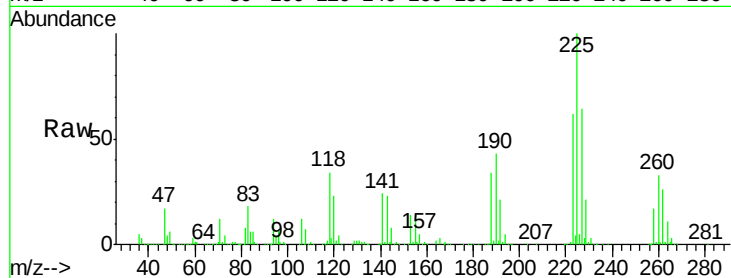
Tot Ion:225 Resp: 116060

Ion Ratio Lower Upper

225 100

223 62.4 31.6 95.0

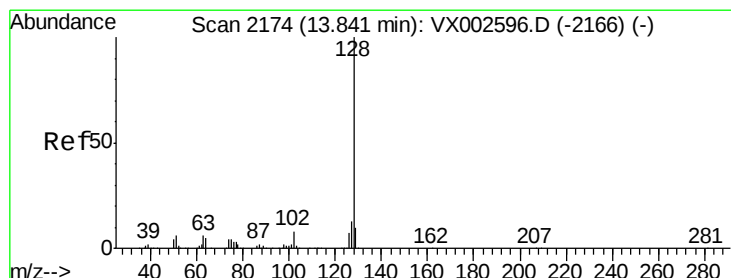
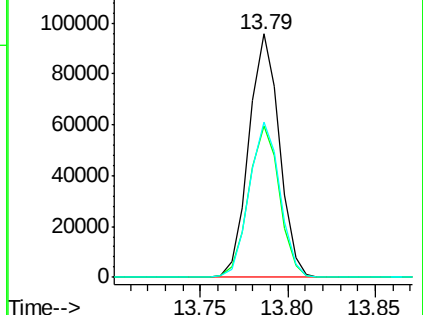
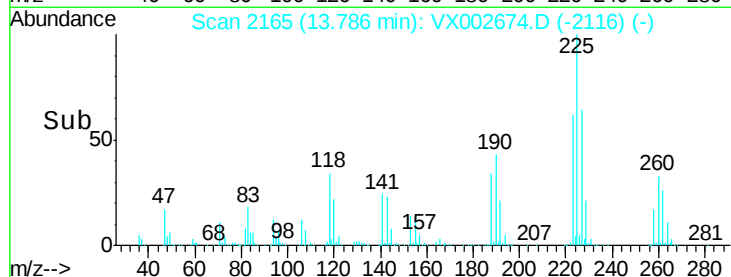
227 64.0 32.4 97.2



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 52.681 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002674.D

Acq: 17 Jun 2018 03:22

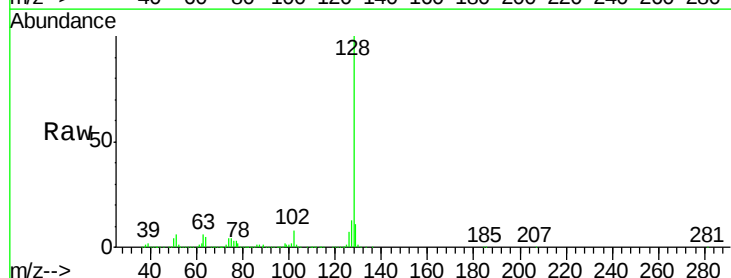
Tgt Ion:128 Resp: 668678

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

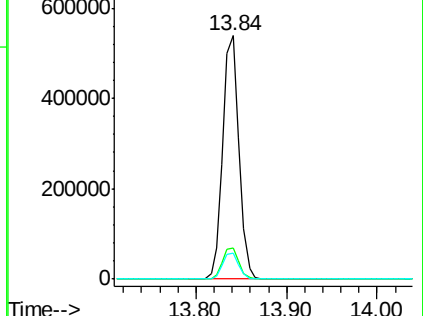
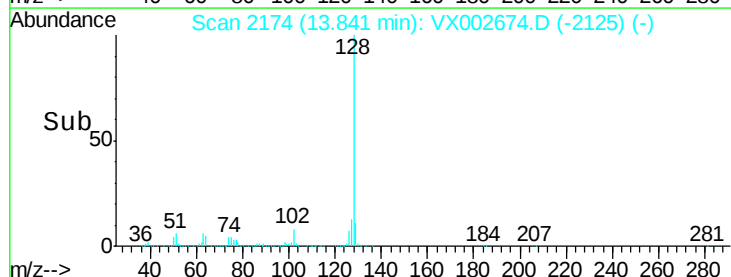
129 10.9 8.6 13.0

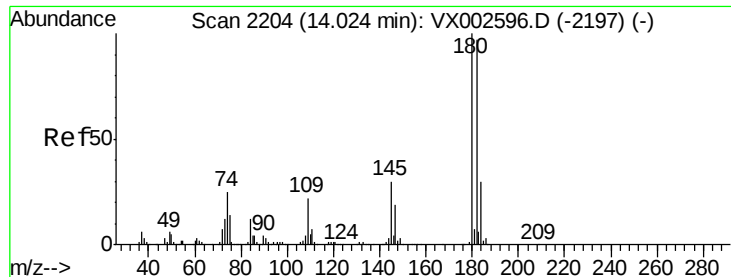


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96  
 1,2,3-Trichlorobenzene  
 Concen: 51.061 ug/l  
 RT: 14.02 min Scan# 2204  
 Delta R.T. 0.00 min  
 Lab File: VX002674.D  
 Acq: 17 Jun 2018 03:22

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MWHR2-6-061318MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.5  | 48.0  | 144.0 |
| 145     | 29.5  | 14.8  | 44.3  |

