

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100518\  
 Data File : VX005088.D  
 Acq On : 06 Oct 2018 01:05  
 Operator : JC/MD  
 Sample : PB113539ZHE#03  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB113539ZHE#03

Quant Time: Oct 06 06:44:13 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X092618W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 03 04:00:03 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 196007   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 320724   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 316262   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 170381   | 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   | 149150   | 53.27 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 106.54% |          |
| 35) Dibromofluoromethane    | 5.50  | 113  | 129515   | 47.65 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 95.30%  |          |
| 50) Toluene-d8              | 8.71  | 98   | 463917   | 51.34 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 102.68% |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 164303   | 50.47 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.94% |          |

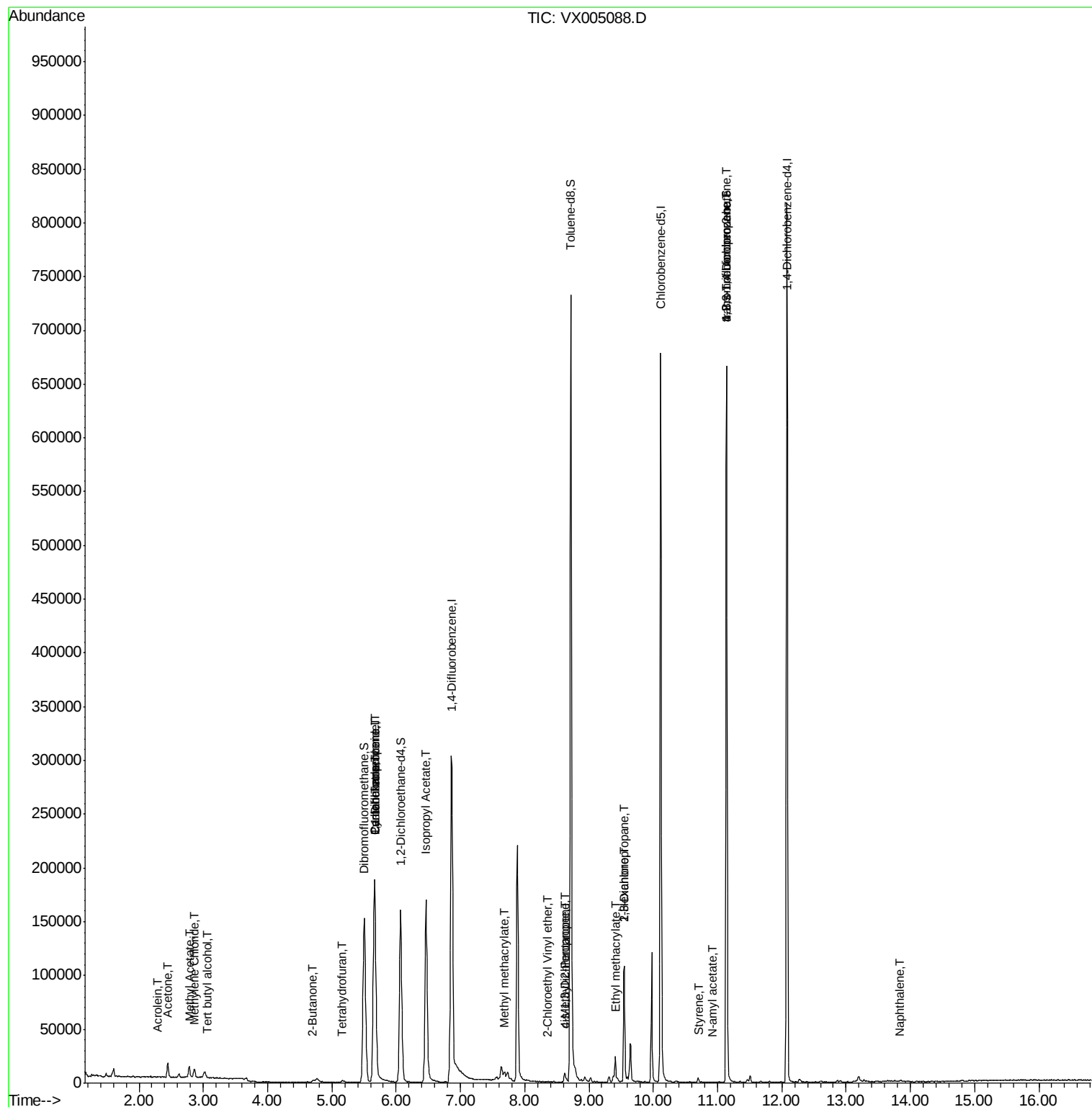
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 6) Chloroethane                | 1.72  | 64   | 872      | Below Cal | #      | 53     |
| 11) Tert butyl alcohol         | 3.07  | 59   | 275      | 0.351     | ug/l # | 1      |
| 13) Acrolein                   | 2.29  | 56   | 115      | 0.206     | ug/l # | 4      |
| 16) Acetone                    | 2.45  | 43   | 14258    | 8.722     | ug/l   | 95     |
| 18) Methyl Acetate             | 2.78  | 43   | 12325    | 2.976     | ug/l   | 99     |
| 20) Methylene Chloride         | 2.85  | 84   | 3615     | 0.693     | ug/l # | 94     |
| 25) 2-Butanone                 | 4.71  | 43   | 3799     | 1.577     | ug/l # | 86     |
| 29) Tetrahydrofuran            | 5.17  | 42   | 1759     | 1.175     | ug/l # | 76     |
| 31) Cyclohexane                | 5.67  | 56   | 3787     | 1.063     | ug/l # | 1      |
| 36) 1,1-Dichloropropene        | 5.66  | 75   | 13481    | 3.635     | ug/l # | 46     |
| 38) Carbon Tetrachloride       | 5.67  | 117  | 18075    | 4.637     | ug/l # | 18     |
| 43) Isopropyl Acetate          | 6.46  | 43   | 217848   | 30.660    | ug/l   | 100    |
| 48) Methyl methacrylate        | 7.68  | 41   | 7970     | 2.471     | ug/l # | 24     |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43   | 3712     | 0.830     | ug/l # | 37     |
| 54) cis-1,3-Dichloropropene    | 8.62  | 75   | 1340     | 0.338     | ug/l # | 62     |
| 56) Ethyl methacrylate         | 9.41  | 69   | 706      | 3.009     | ug/l # | 1      |
| 57) 1,3-Dichloropropane        | 9.55  | 76   | 984      | 0.212     | ug/l # | 41     |
| 58) 2-Chloroethyl Vinyl ether  | 8.35  | 63   | 25       | 14.252    | ug/l # | 49     |
| 59) 2-Hexanone                 | 9.54  | 43   | 12510    | 3.356     | ug/l # | 55     |
| 70) Styrene                    | 10.71 | 104  | 232      | 2.166     | ug/l # | 69     |
| 74) N-amyl acetate             | 10.92 | 43   | 102      | 1.765     | ug/l # | 42     |
| 76) 1,2,3-Trichloropropane     | 11.14 | 75   | 81065    | 21.228    | ug/l # | 35     |
| 81) trans-1,4-Dichloro-2-buten | 11.14 | 75   | 81065    | 57.582    | ug/l # | 10     |
| 84) 1,2,4-Trimethylbenzene     | 11.82 | 105  | 384      | Below Cal |        | 83     |
| 95) Naphthalene                | 13.83 | 128  | 533      | 0.757     | ug/l # | 69     |

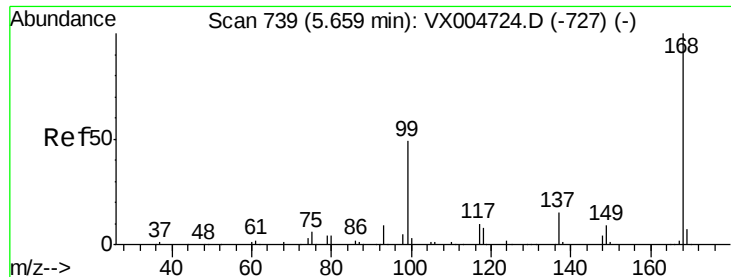
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100518\  
Data File : VX005088.D  
Acq On : 06 Oct 2018 01:05  
Operator : JC/MD  
Sample : PB113539ZHE#03  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB113539ZHE#03

Quant Time: Oct 06 06:44:13 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X092618W.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 03 04:00:03 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005088.D

Acq: 06 Oct 2018 01:05

Instrument :

MSVOA\_X

ClientSampleId :

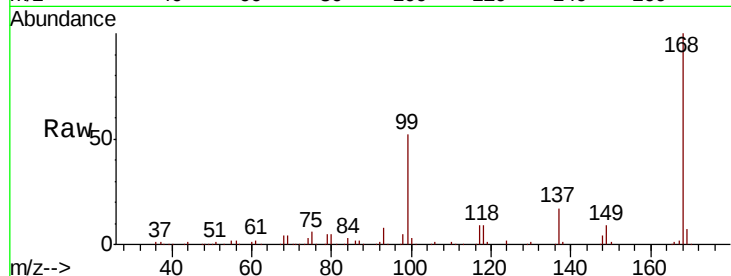
PB113539ZHE#03

Tot Ion:168 Resp: 196007

Ion Ratio Lower Upper

168 100

99 51.9 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

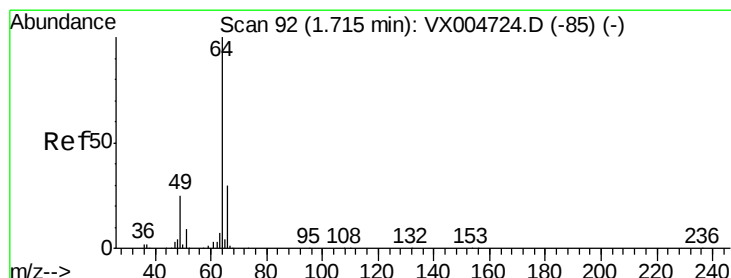
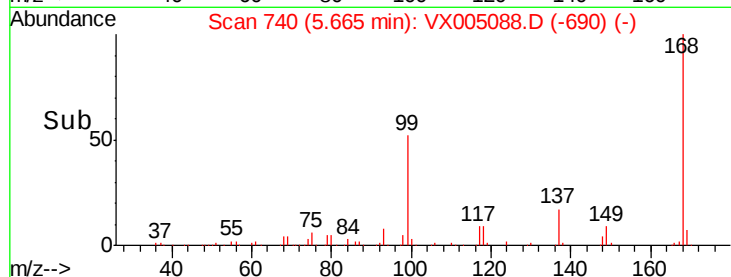
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005088.D

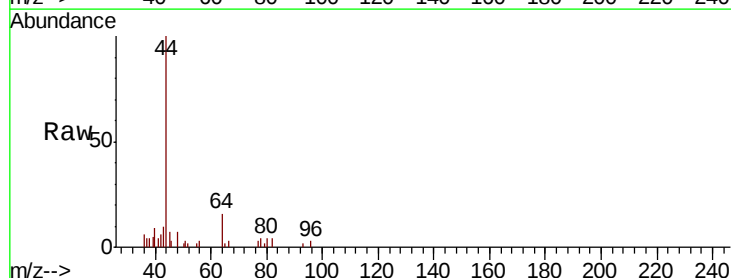
Acq: 06 Oct 2018 01:05

Tgt Ion: 64 Resp: 872

Ion Ratio Lower Upper

64 100

66 4.4 23.8 35.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

600

500

400

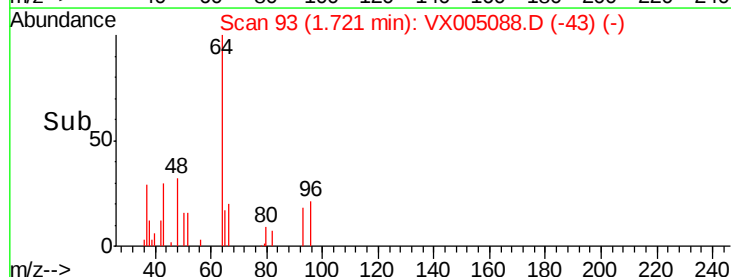
300

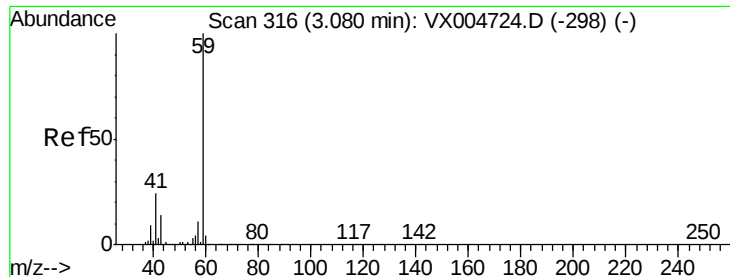
200

100

0

Time--> 1.60 1.65 1.70 1.75



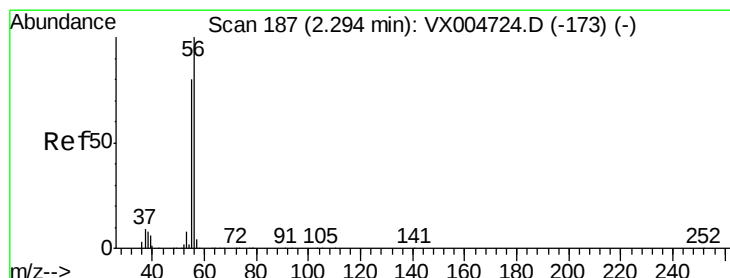
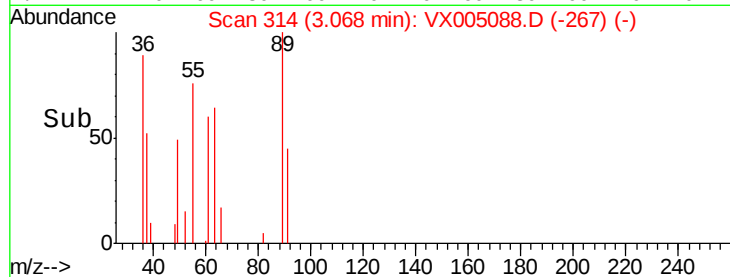
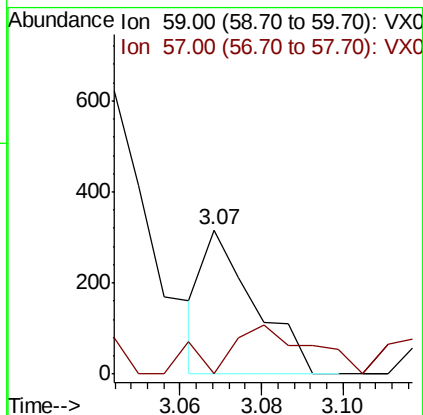
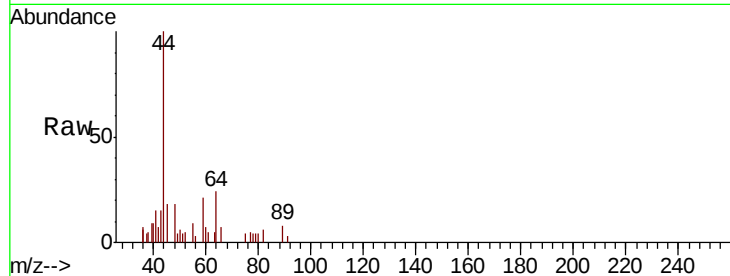


#11

Tert butvl alcohol  
Concen: 0.351 ug/l  
RT: 3.07 min Scan# 314  
Delta R.T. -0.01 min  
Lab File: VX005088.D  
Acq: 06 Oct 2018 01:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB113539ZHE#03

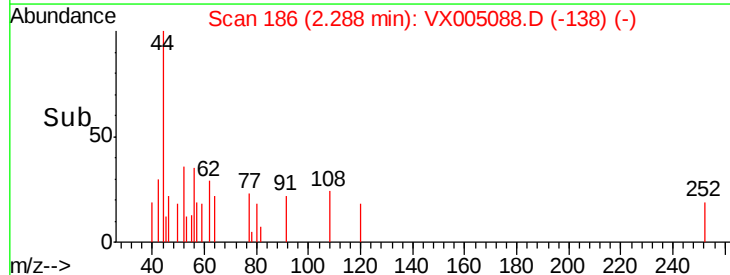
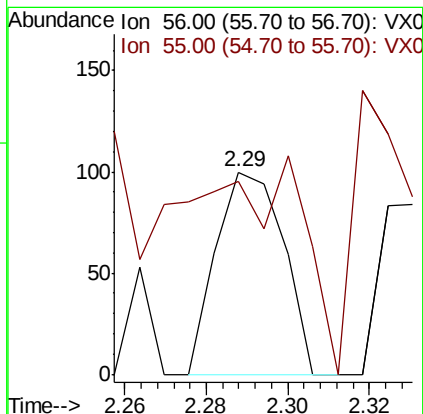
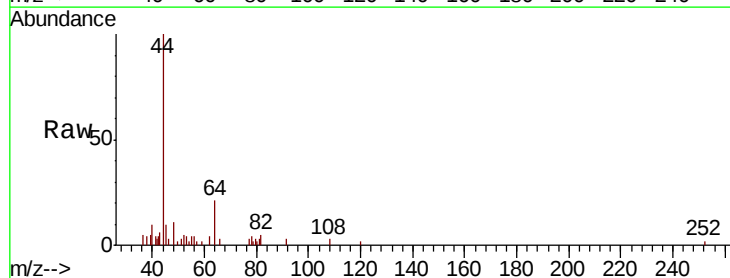
Tot Ion: 59 Resp: 275  
Ion Ratio Lower Upper  
59 100  
57 58.2 8.6 12.8#

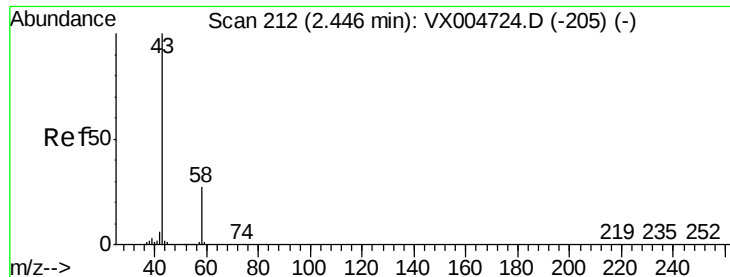


#13

Acrolein  
Concen: 0.206 ug/l  
RT: 2.29 min Scan# 186  
Delta R.T. -0.01 min  
Lab File: VX005088.D  
Acq: 06 Oct 2018 01:05

Tgt Ion: 56 Resp: 115  
Ion Ratio Lower Upper  
56 100  
55 163.5 63.4 95.2#





#16

Acetone

Concen: 8.722 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005088.D

Acq: 06 Oct 2018 01:05

Instrument :

MSVOA\_X

ClientSampleId :

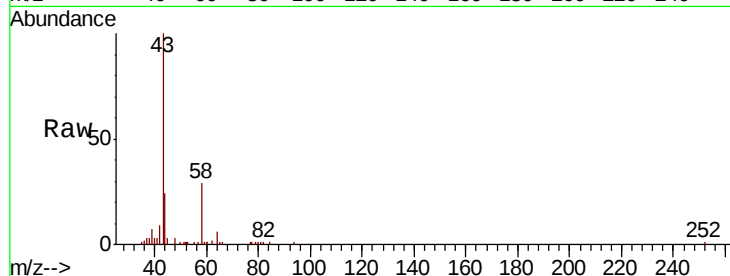
PB113539ZHE#03

Tot Ion: 43 Resp: 14258

Ion Ratio Lower Upper

43 100

58 30.0 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

8000

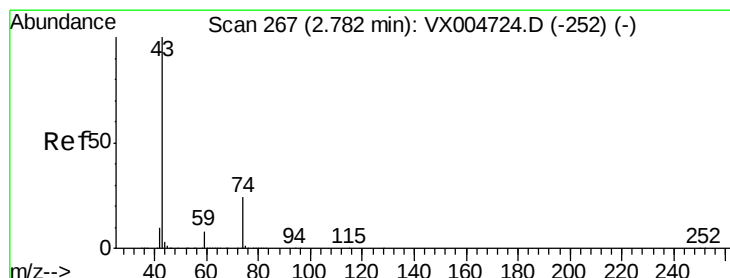
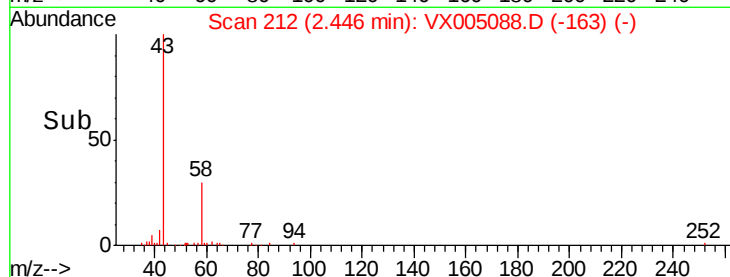
6000

4000

2000

0

Time--> 2.35 2.40 2.45 2.50 2.55



#18

Methyl Acetate

Concen: 2.976 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX005088.D

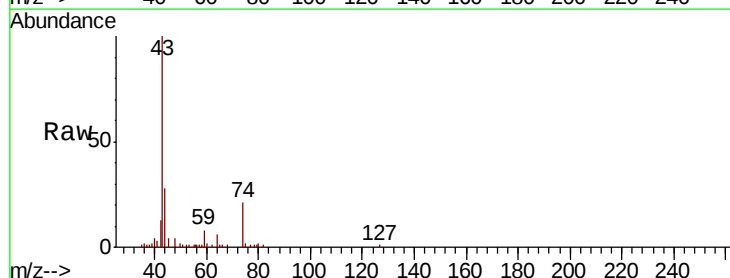
Acq: 06 Oct 2018 01:05

Tgt Ion: 43 Resp: 12325

Ion Ratio Lower Upper

43 100

74 22.9 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

8000

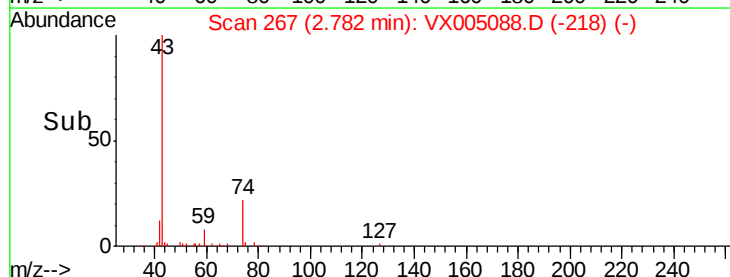
6000

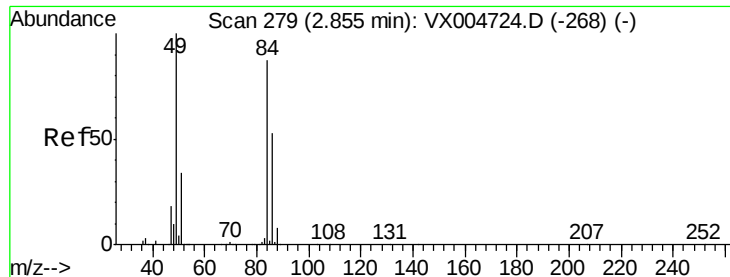
4000

2000

0

Time--> 2.70 2.75 2.80 2.85

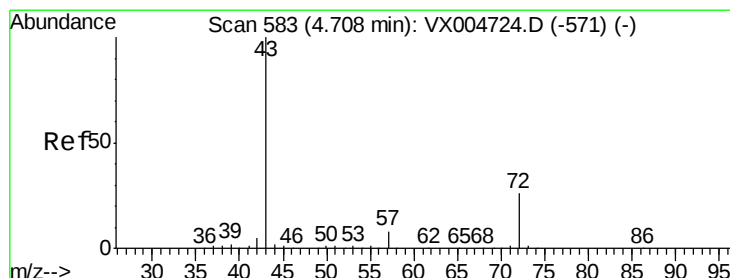
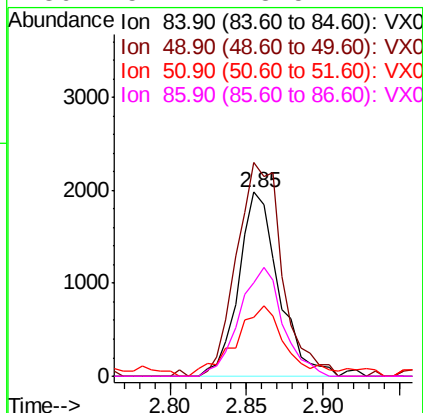
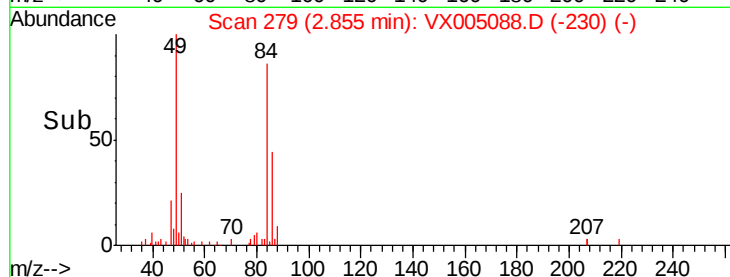
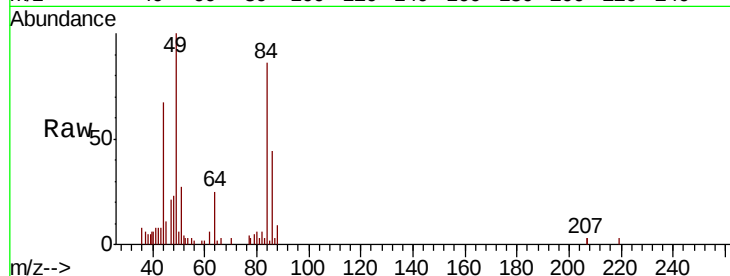




#20  
Methylene Chloride  
Concen: 0.693 ug/l  
RT: 2.85 min Scan# 279  
Delta R.T. 0.00 min  
Lab File: VX005088.D  
Acq: 06 Oct 2018 01:05

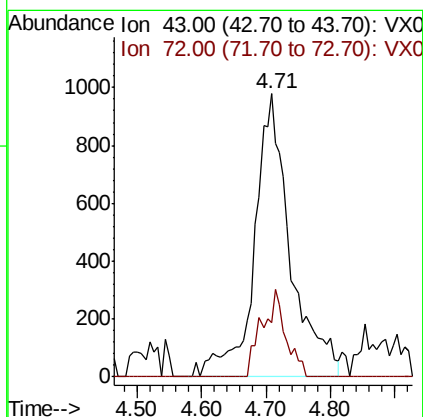
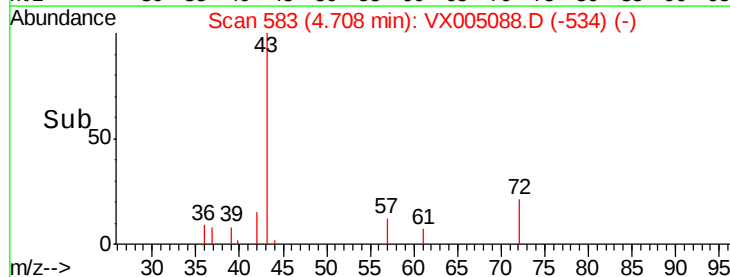
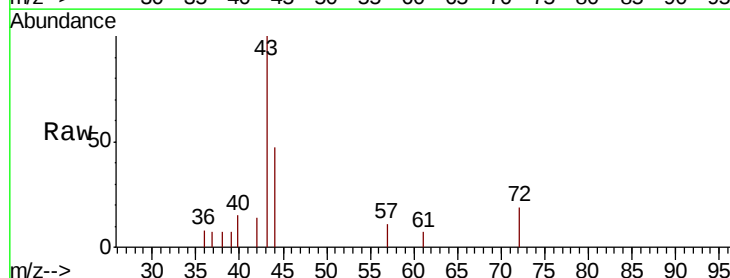
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB113539ZHE#03

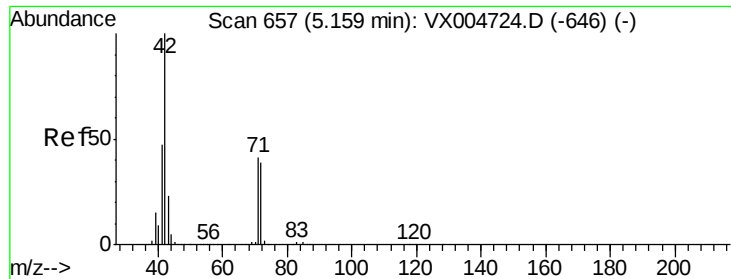
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 84    | Resp: | 3615  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 116.0 | 92.3  | 138.5 |
| 51       | 31.7  | 31.8  | 47.6# |
| 86       | 51.1  | 48.5  | 72.7  |



#25  
2-Butanone  
Concen: 1.577 ug/l  
RT: 4.71 min Scan# 583  
Delta R.T. 0.00 min  
Lab File: VX005088.D  
Acq: 06 Oct 2018 01:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 3799  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 19.0  | 20.8  | 31.2# |

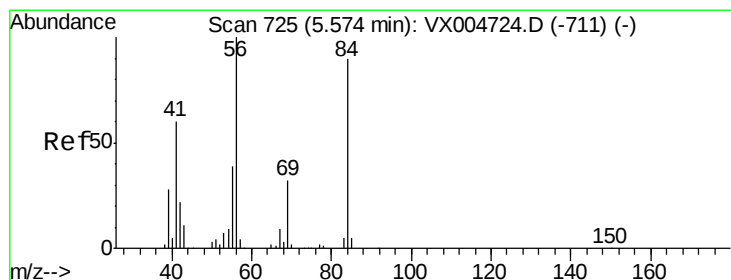
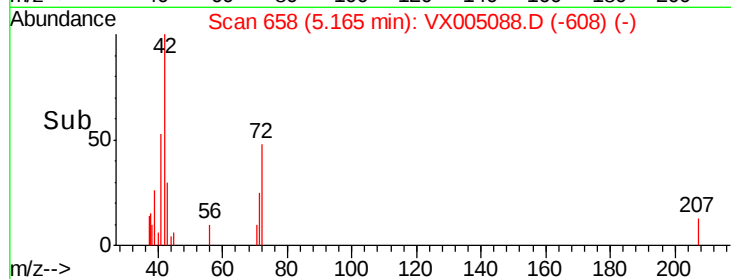
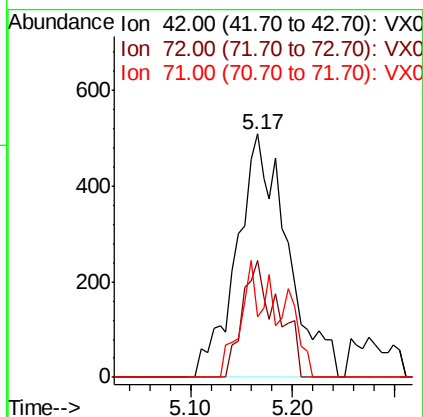
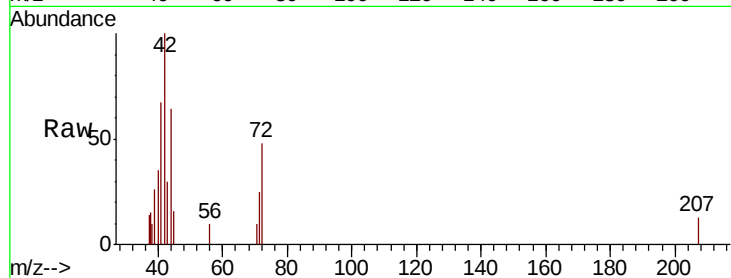




#29  
Tetrahydrofuran  
Concen: 1.175 ug/l  
RT: 5.17 min Scan# 658  
Delta R.T. 0.01 min  
Lab File: VX005088.D  
Acq: 06 Oct 2018 01:05

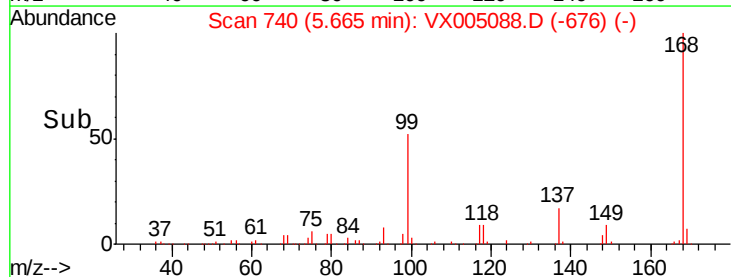
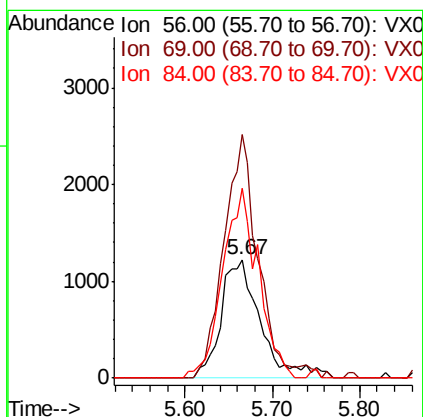
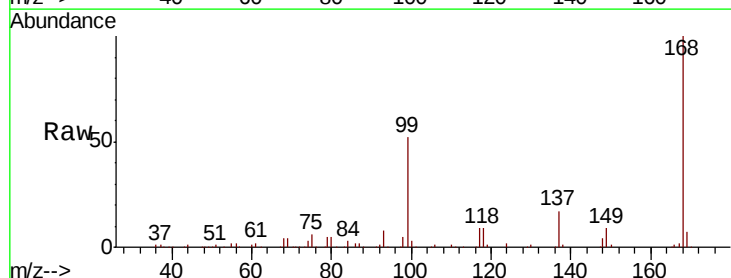
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB113539ZHE#03

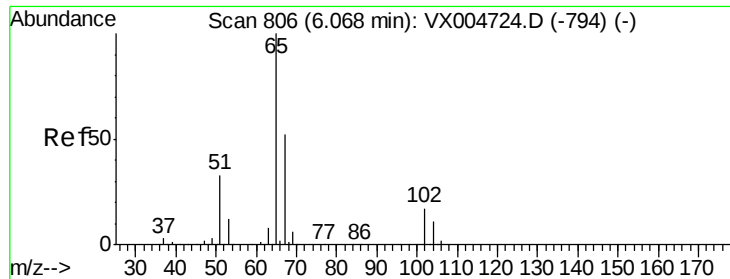
Tot Ion: 42 Resp: 1759  
Ion Ratio Lower Upper  
42 100  
72 32.9 33.7 50.5#  
71 18.8 32.2 48.4#



#31  
Cyclohexane  
Concen: 1.063 ug/l  
RT: 5.67 min Scan# 740  
Delta R.T. 0.09 min  
Lab File: VX005088.D  
Acq: 06 Oct 2018 01:05

Tgt Ion: 56 Resp: 3787  
Ion Ratio Lower Upper  
56 100  
69 206.1 25.9 38.9#  
84 160.4 71.9 107.9#





#33

1,2-Dichloroethane-d4

Concen: 53.269 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX005088.D

Acq: 06 Oct 2018 01:05

Instrument :

MSVOA\_X

ClientSampleId :

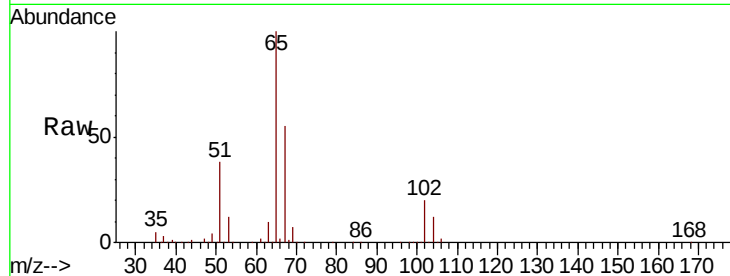
PB113539ZHE#03

Tot Ion: 65 Resp: 149150

Ion Ratio Lower Upper

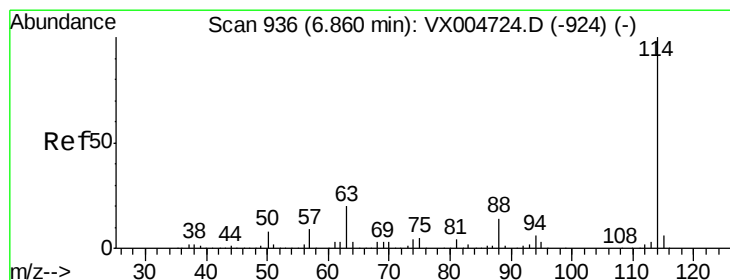
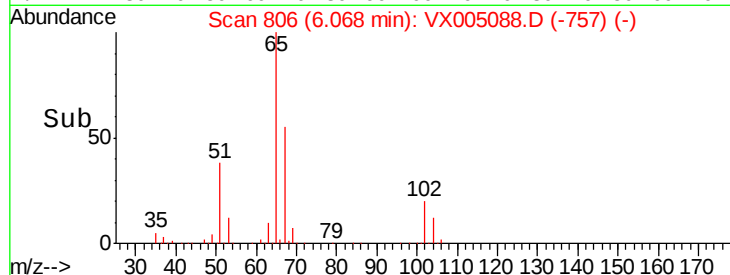
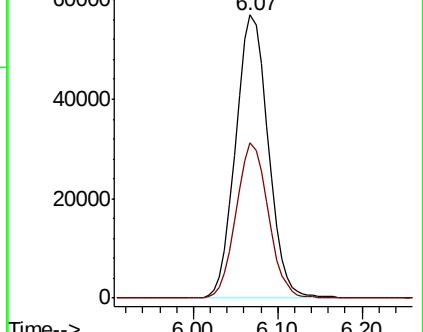
65 100

67 54.4 0.0 107.4



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: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX005088.D

Acq: 06 Oct 2018 01:05

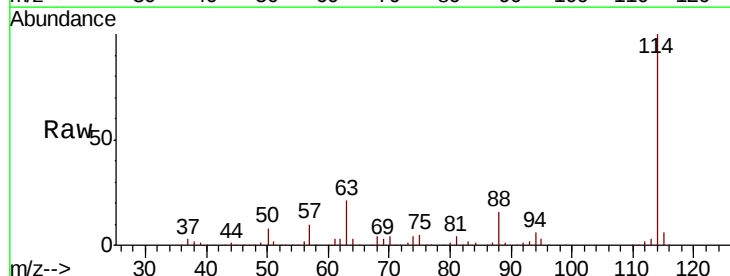
Tgt Ion: 114 Resp: 320724

Ion Ratio Lower Upper

114 100

63 21.1 0.0 39.8

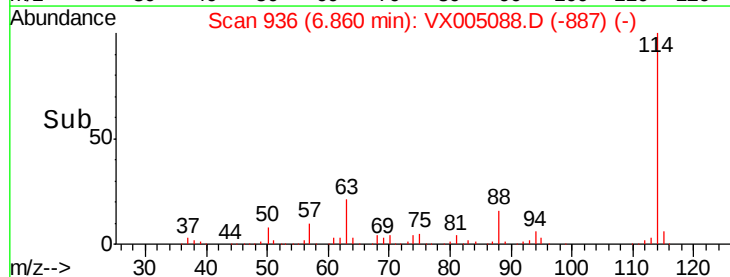
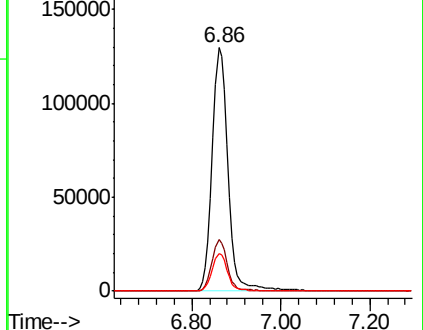
88 15.6 0.0 27.0

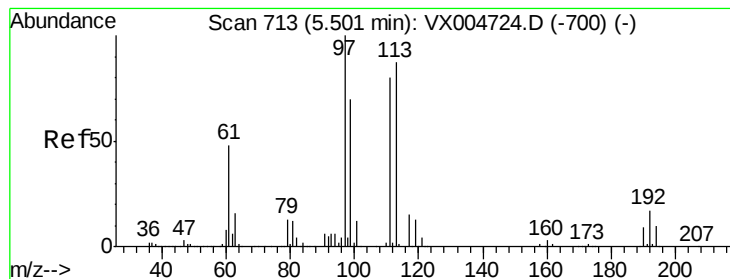


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.648 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX005088.D

Acq: 06 Oct 2018 01:05

Instrument :

MSVOA\_X

ClientSampleId :

PB113539ZHE#03

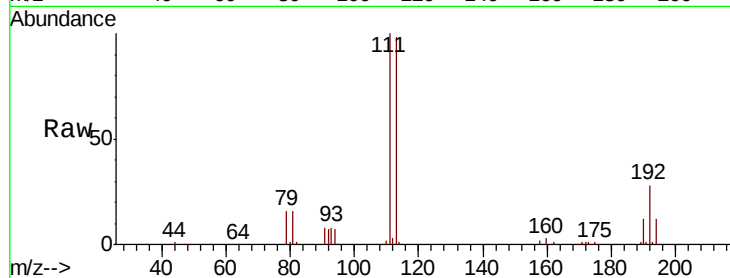
Tot Ion:113 Resp: 129515

Ion Ratio Lower Upper

113 100

111 101.7 77.0 115.4

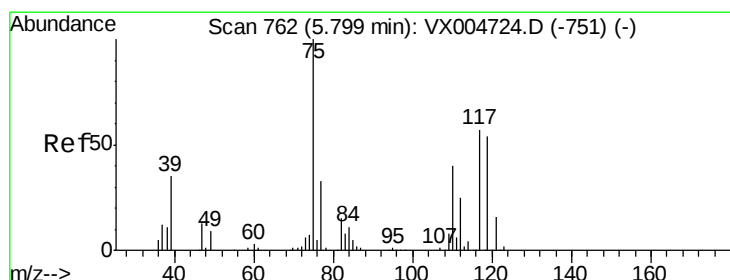
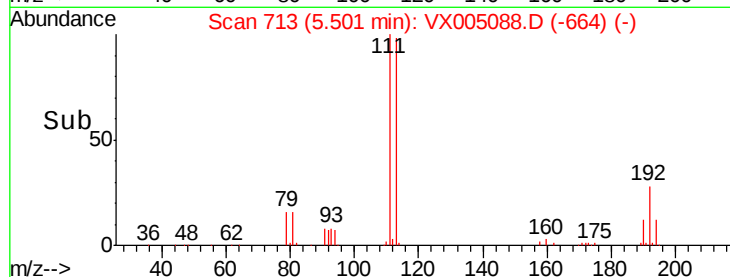
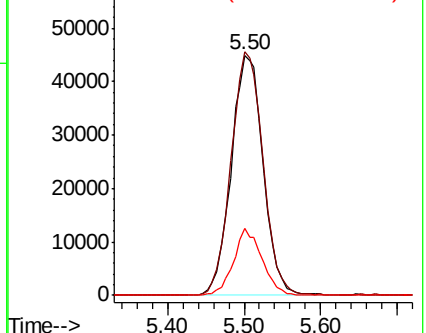
192 24.9 17.0 25.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 3.635 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX005088.D

Acq: 06 Oct 2018 01:05

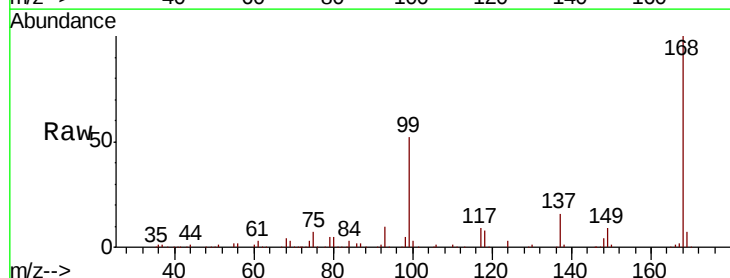
Tgt Ion: 75 Resp: 13481

Ion Ratio Lower Upper

75 100

110 9.7 20.0 59.9#

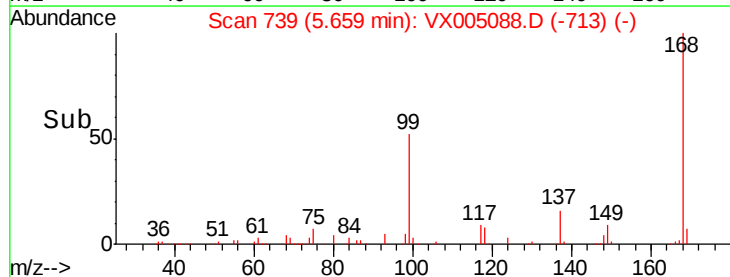
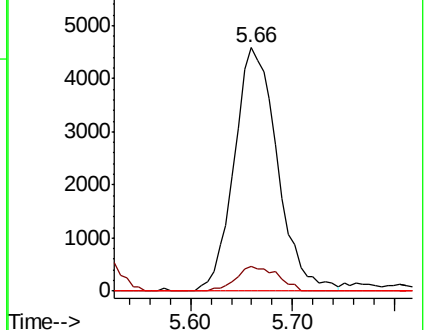
77 0.0 27.1 40.7#

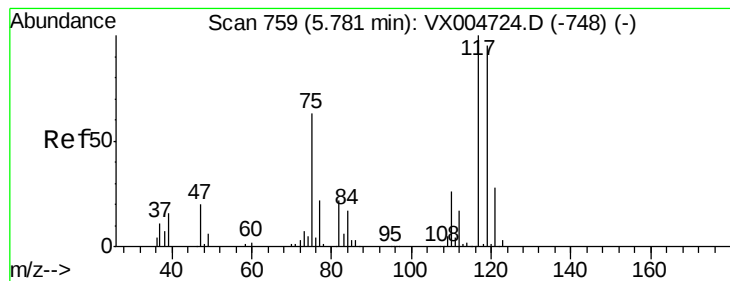


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 4.637 ug/l

RT: 5.67 min Scan# 741

Delta R.T. -0.11 min

Lab File: VX005088.D

Acq: 06 Oct 2018 01:05

Instrument :

MSVOA\_X

ClientSampleId :

PB113539ZHE#03

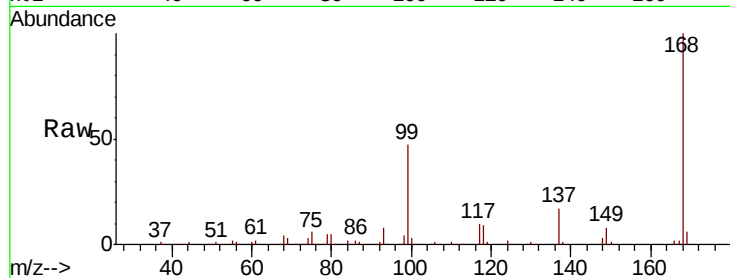
Tot Ion:117 Resp: 18075

Ion Ratio Lower Upper

117 100

119 6.3 75.2 112.8#

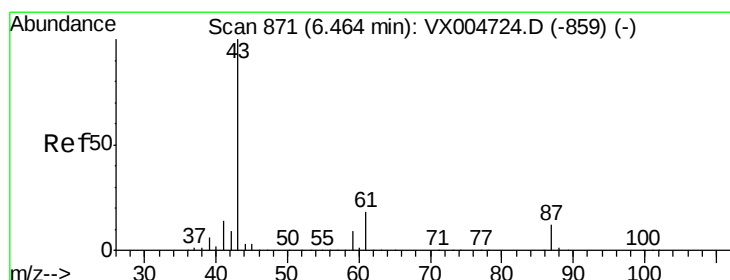
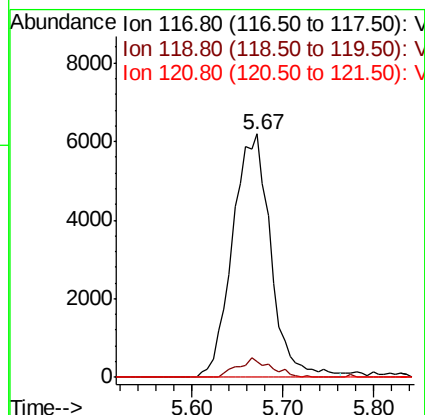
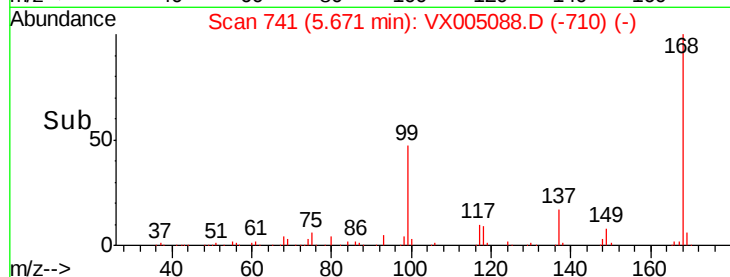
121 0.0 22.5 33.7#



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



#43

Isopropyl Acetate

Concen: 30.660 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX005088.D

Acq: 06 Oct 2018 01:05

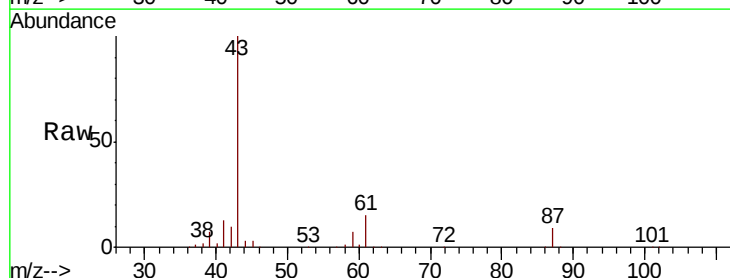
Tgt Ion: 43 Resp: 217848

Ion Ratio Lower Upper

43 100

61 18.0 14.2 21.4

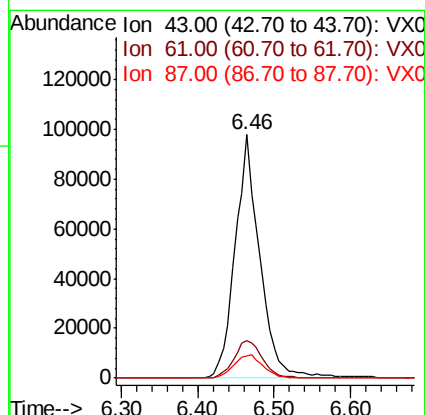
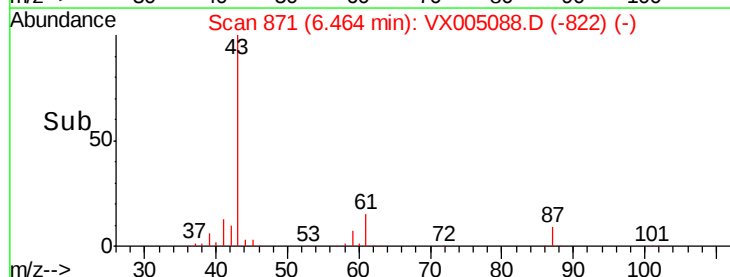
87 11.5 9.3 13.9

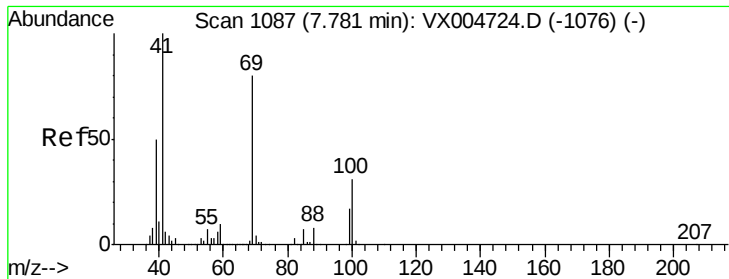


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

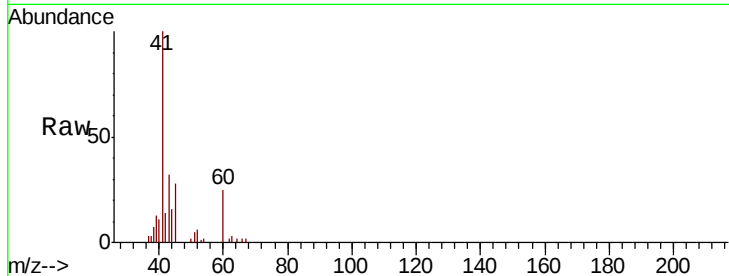




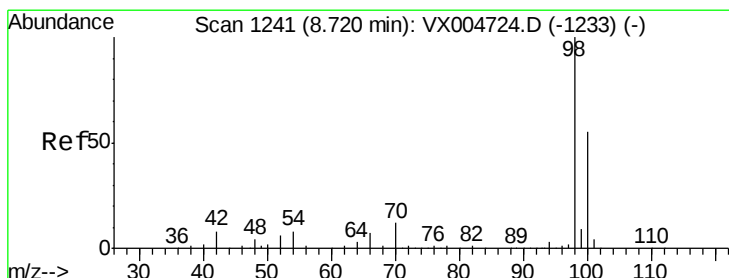
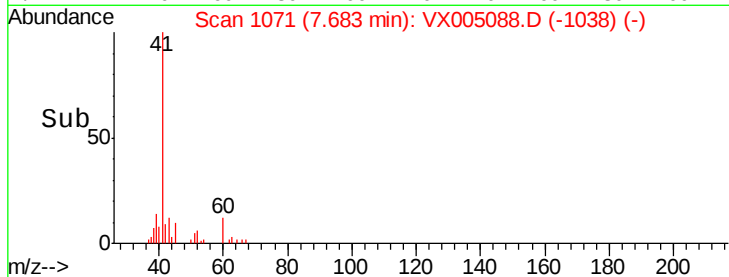
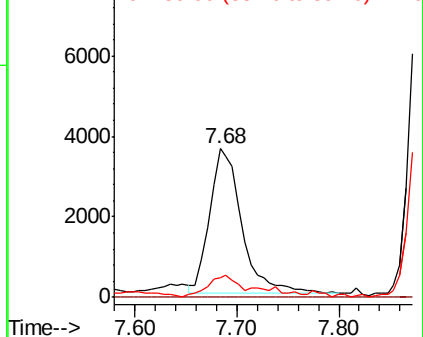
#48  
Methyl methacrylate  
Concen: 2.471 ug/l  
RT: 7.68 min Scan# 1071  
Delta R.T. -0.10 min  
Lab File: VX005088.D  
Acq: 06 Oct 2018 01:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB113539ZHE#03

Tot Ion: 41 Resp: 7970  
Ion Ratio Lower Upper  
41 100  
69 0.0 63.8 95.6#  
39 14.7 40.7 61.1#

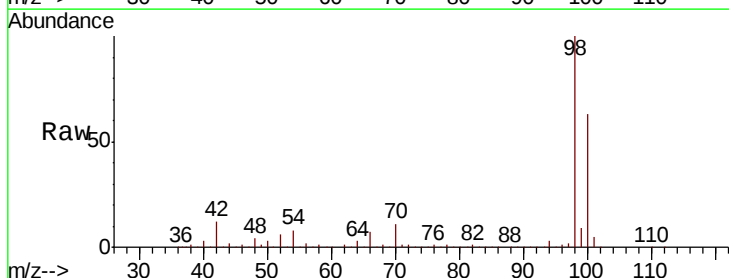


Abundance Ion 41.00 (40.70 to 41.70): VX0  
Ion 69.00 (68.70 to 69.70): VX0  
Ion 39.00 (38.70 to 39.70): VX0

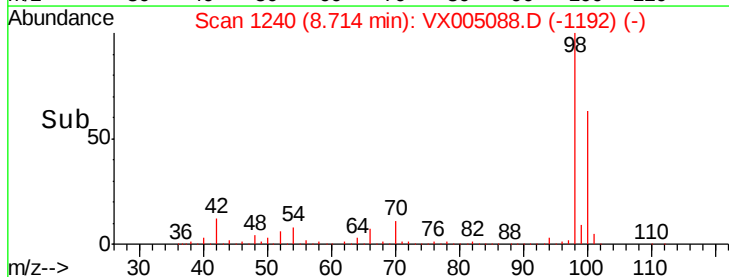
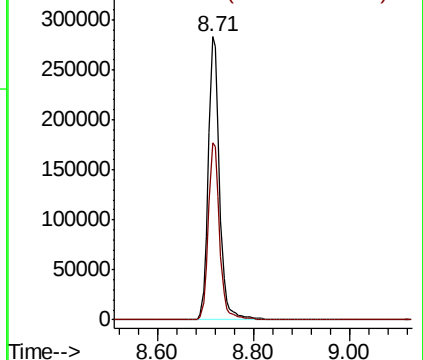


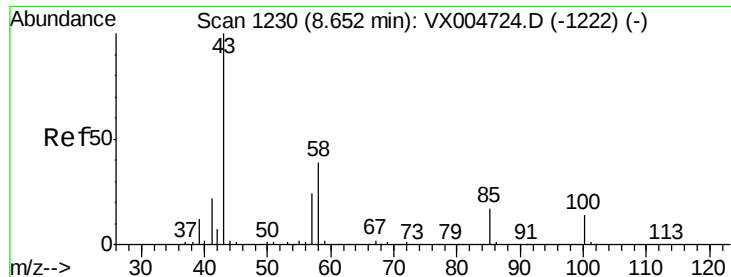
#50  
Toluene-d8  
Concen: 51.338 ug/l  
RT: 8.71 min Scan# 1240  
Delta R.T. -0.01 min  
Lab File: VX005088.D  
Acq: 06 Oct 2018 01:05

Tgt Ion: 98 Resp: 463917  
Ion Ratio Lower Upper  
98 100  
100 63.3 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0  
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 0.830 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. -0.04 min

Lab File: VX005088.D

Acq: 06 Oct 2018 01:05

Instrument :

MSVOA\_X

ClientSampleId :

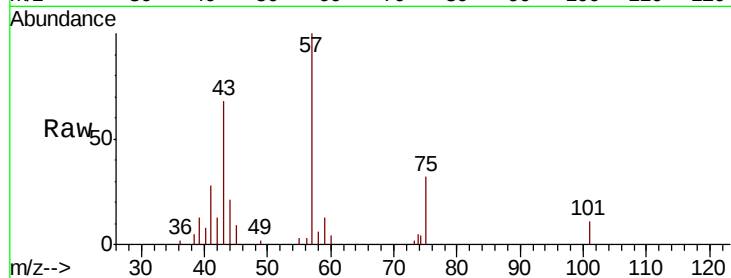
PB113539ZHE#03

Tot Ion: 43 Resp: 3712

Ion Ratio Lower Upper

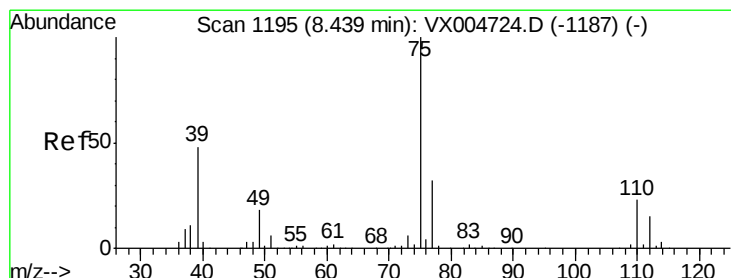
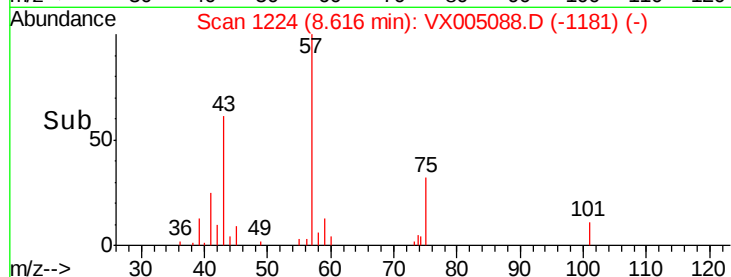
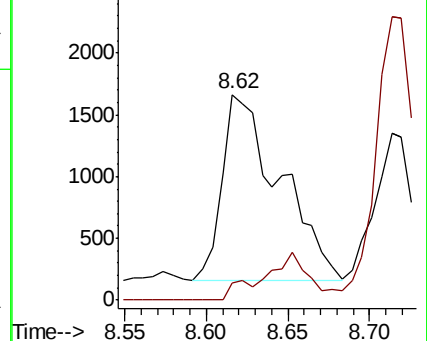
43 100

58 0.0 30.5 45.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#54

cis-1,3-Dichloropropene

Concen: 0.338 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX005088.D

Acq: 06 Oct 2018 01:05

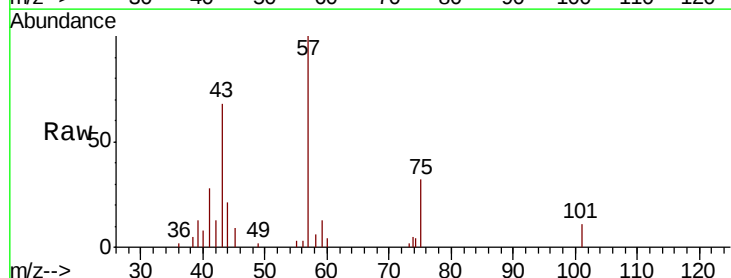
Tgt Ion: 75 Resp: 1340

Ion Ratio Lower Upper

75 100

77 0.0 25.7 38.5#

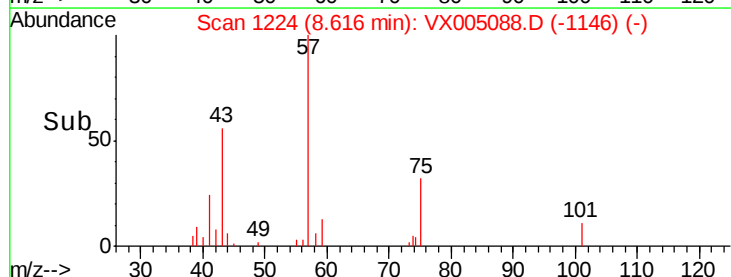
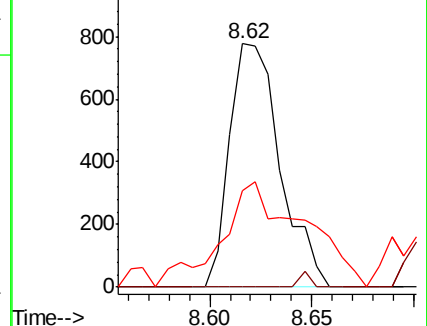
39 31.5 38.3 57.5#

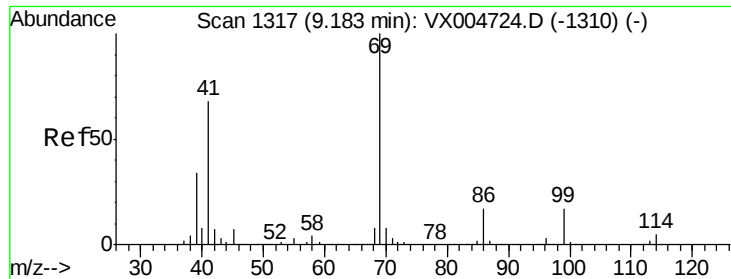


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#56

Ethyl methacrylate

Concen: 3.009 ug/l

RT: 9.41 min Scan# 1355

Delta R.T. 0.23 min

Lab File: VX005088.D

Acq: 06 Oct 2018 01:05

Instrument :

MSVOA\_X

ClientSampleId :

PB113539ZHE#03

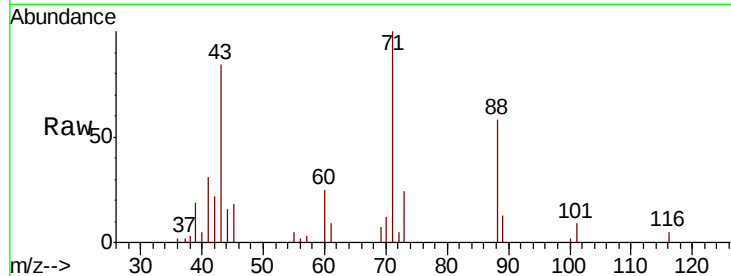
Tot Ion: 69 Resp: 706

Ion Ratio Lower Upper

69 100

41 336.0 56.9 85.3#

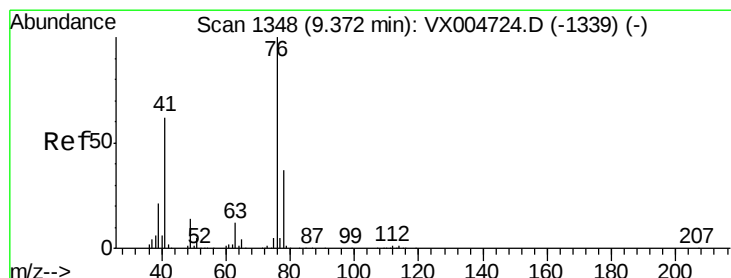
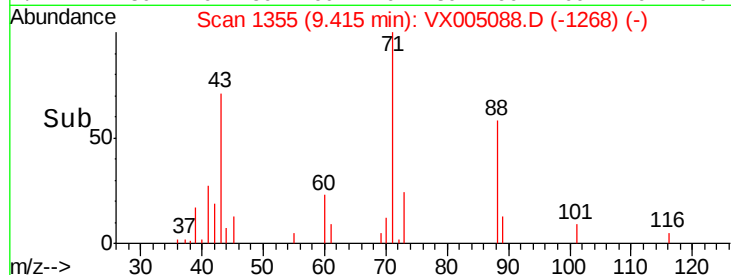
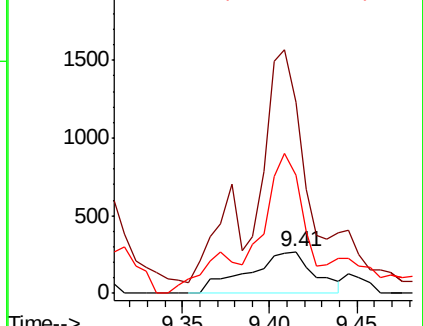
39 134.4 28.4 42.6#



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: 0.212 ug/l

RT: 9.55 min Scan# 1377

Delta R.T. 0.18 min

Lab File: VX005088.D

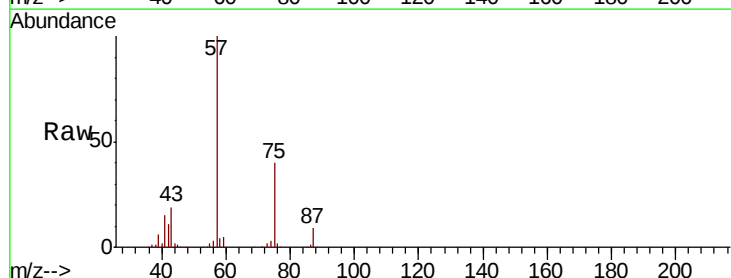
Acq: 06 Oct 2018 01:05

Tgt Ion: 76 Resp: 984

Ion Ratio Lower Upper

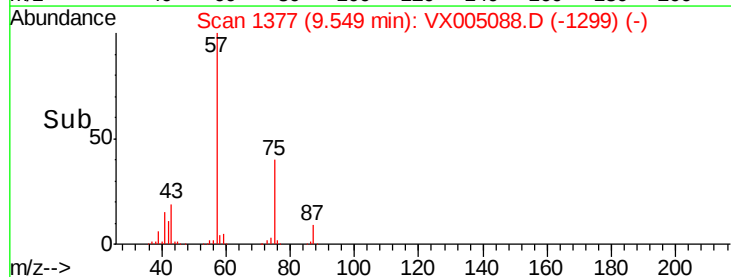
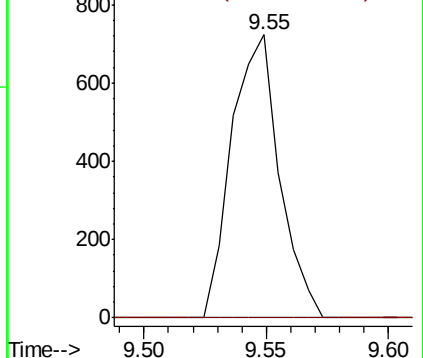
76 100

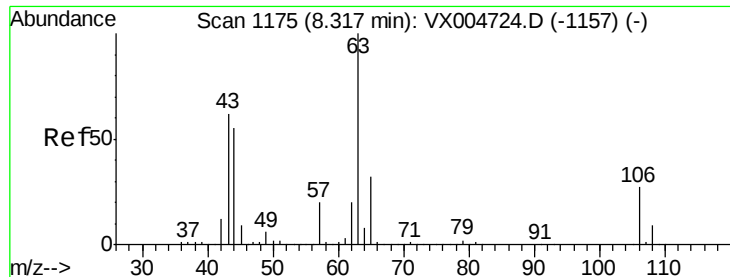
78 0.0 26.6 40.0#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

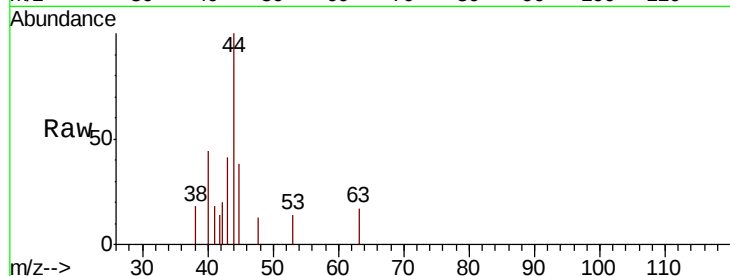




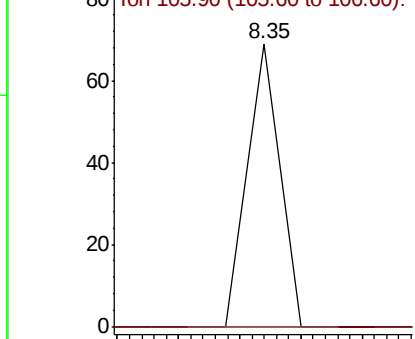
#58  
 2-Chloroethyl Vinyl ether  
 Concen: 14.252 ug/l  
 RT: 8.35 min Scan# 1181  
 Delta R.T. 0.04 min  
 Lab File: VX005088.D  
 Acq: 06 Oct 2018 01:05

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB113539ZHE#03

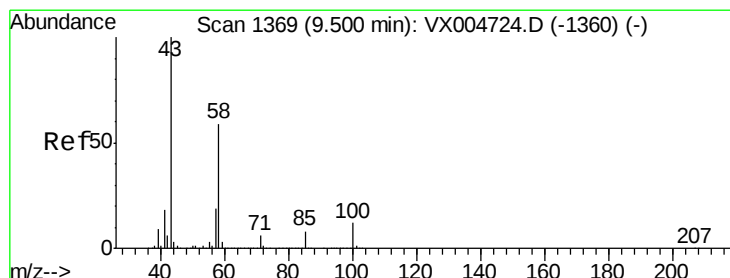
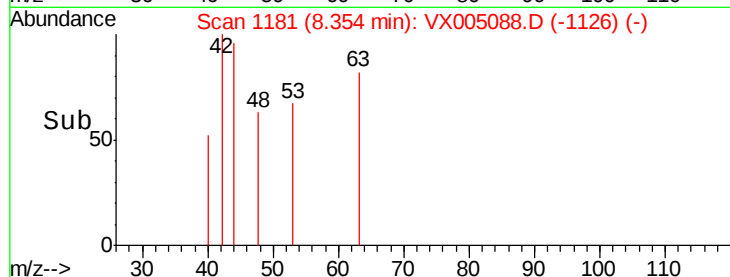
Tot Ion: 63 Resp: 25  
 Ion Ratio Lower Upper  
 63 100  
 106 0.0 21.0 31.6#



Abundance Ion 62.90 (62.60 to 63.60): VX0  
 Ion 105.90 (105.60 to 106.60): V

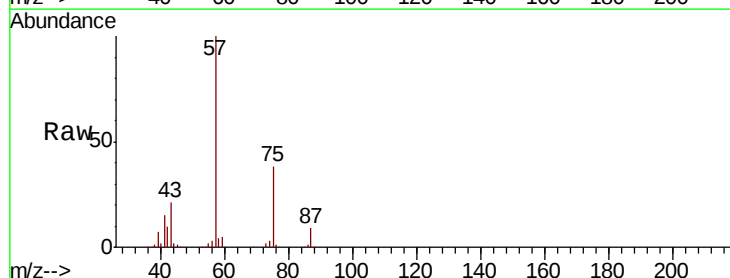


Time--> 8.33 8.34 8.35 8.36 8.37

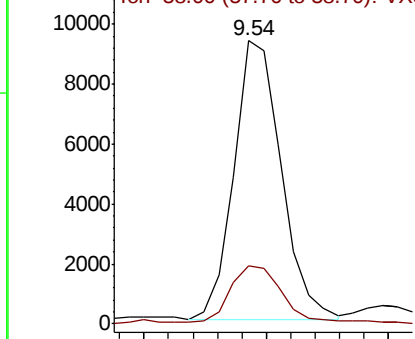


#59  
 2-Hexanone  
 Concen: 3.356 ug/l  
 RT: 9.54 min Scan# 1376  
 Delta R.T. 0.04 min  
 Lab File: VX005088.D  
 Acq: 06 Oct 2018 01:05

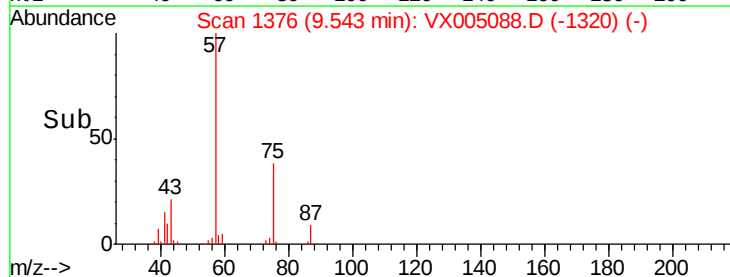
Tgt Ion: 43 Resp: 12510  
 Ion Ratio Lower Upper  
 43 100  
 58 23.7 28.4 85.3#

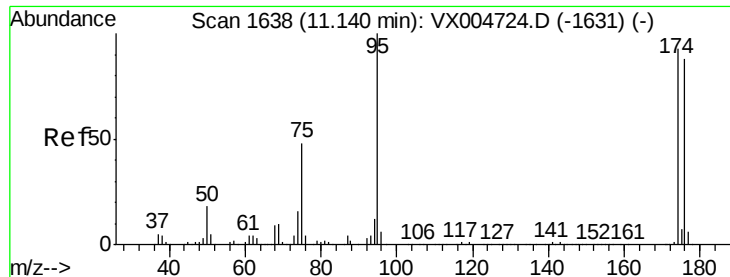


Abundance Ion 43.00 (42.70 to 43.70): VX0  
 Ion 58.00 (57.70 to 58.70): VX0



Time--> 9.50 9.55 9.60





#62

4-Bromofluorobenzene

Concen: 50.470 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005088.D

Acq: 06 Oct 2018 01:05

Instrument :

MSVOA\_X

ClientSampleId :

PB113539ZHE#03

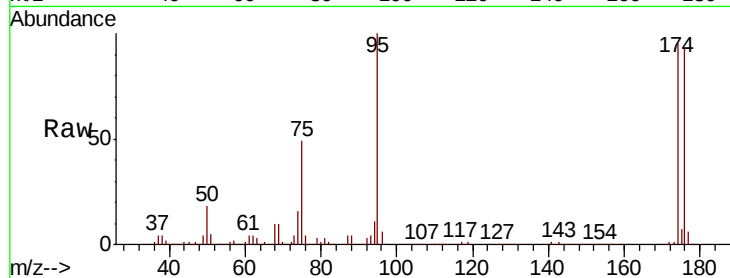
Tot Ion: 95 Resp: 164303

Ion Ratio Lower Upper

95 100

174 93.4 0.0 185.0

176 89.4 0.0 180.2



Abundance Ion 94.90 (94.60 to 95.60): VX004724.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX004724.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX004724.D (-1631) (-)

11.14

150000

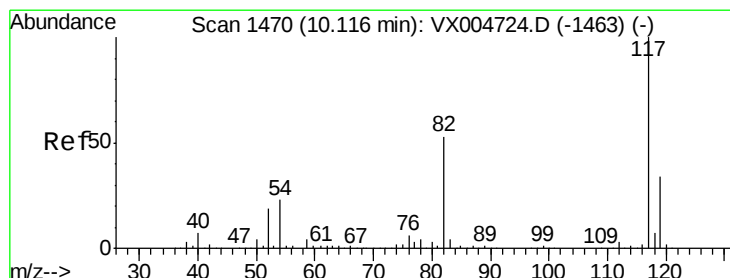
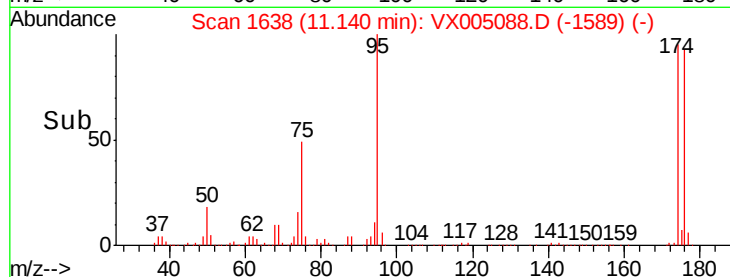
100000

50000

0

Time-->

11.10 11.20



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX005088.D

Acq: 06 Oct 2018 01:05

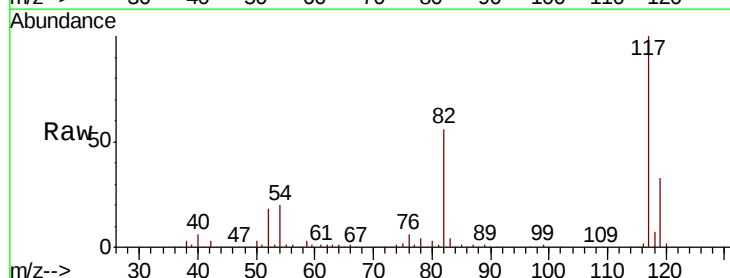
Tgt Ion: 117 Resp: 316262

Ion Ratio Lower Upper

117 100

82 55.6 42.2 63.4

119 32.6 27.4 41.0



Abundance Ion 116.90 (116.60 to 117.60): VX004724.D (-1463) (-)

Ion 82.00 (81.70 to 82.70): VX004724.D (-1463) (-)

Ion 118.90 (118.60 to 119.60): VX004724.D (-1463) (-)

10.12

300000

250000

200000

150000

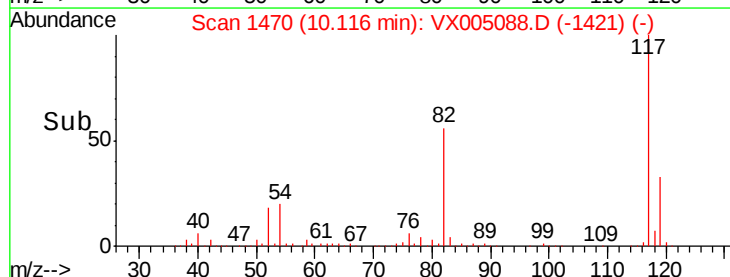
100000

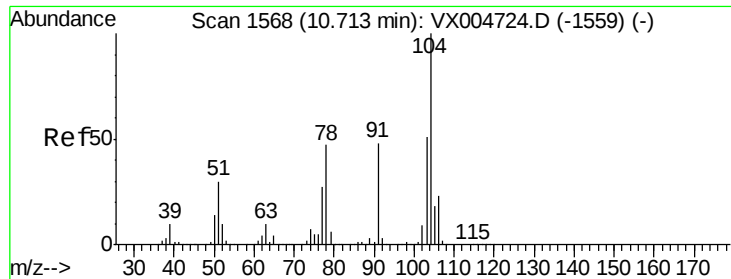
50000

0

Time-->

10.00 10.10 10.20





#70

Stvrene

Concen: 2.166 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX005088.D

Acq: 06 Oct 2018 01:05

Instrument :

MSVOA\_X

ClientSampleId :

PB113539ZHE#03

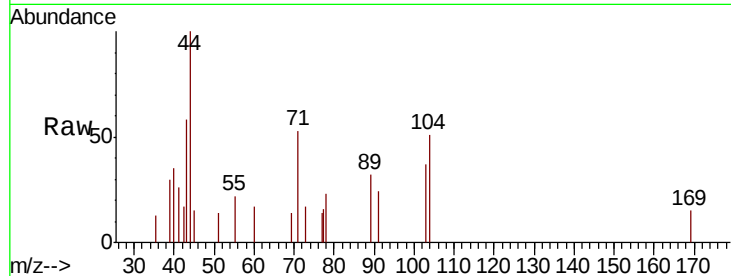
Tot Ion:104 Resp: 232

Ion Ratio Lower Upper

104 100

78 28.0 40.0 60.0#

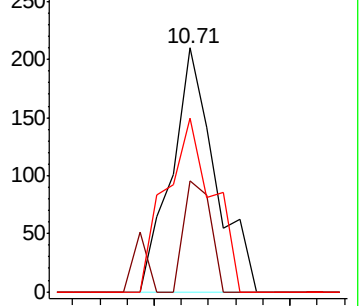
103 77.6 44.3 66.5#



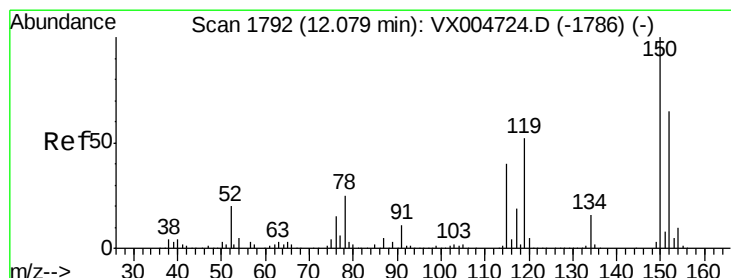
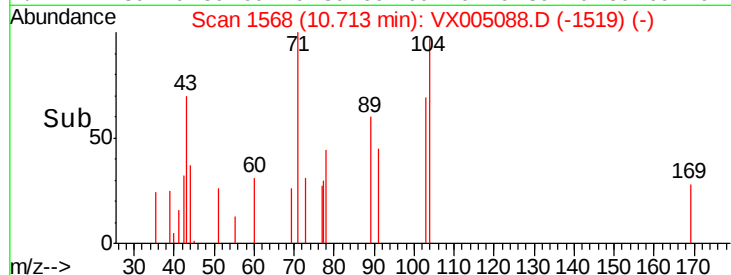
Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005088.D

Acq: 06 Oct 2018 01:05

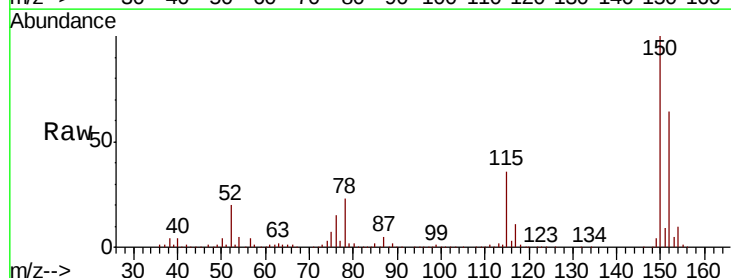
Tgt Ion:152 Resp: 170381

Ion Ratio Lower Upper

152 100

115 55.7 40.2 120.6

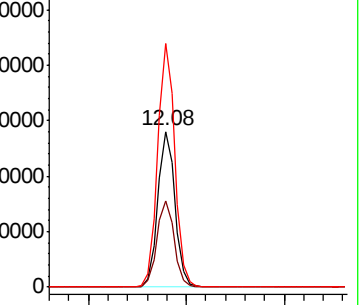
150 156.5 0.0 351.0



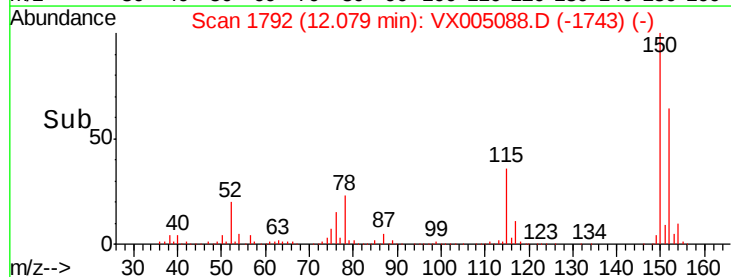
Abundance Ion 151.90 (151.60 to 152.60): V

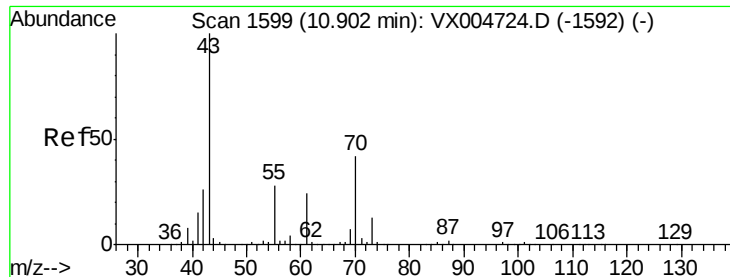
Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



Time-->





#74

N-amvl acetate

Concen: 1.765 ug/l

RT: 10.92 min Scan# 1602

Delta R.T. 0.02 min

Lab File: VX005088.D

Acq: 06 Oct 2018 01:05

Instrument :

MSVOA\_X

ClientSampleId :

PB113539ZHE#03

Tot Ion: 43 Resp: 102

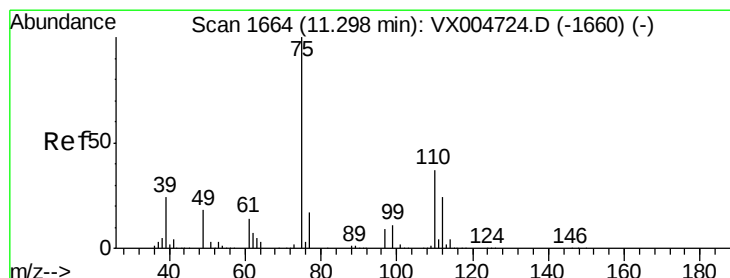
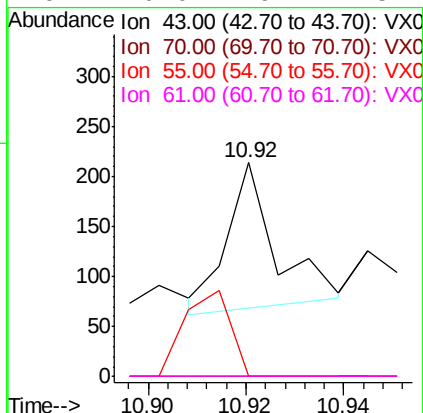
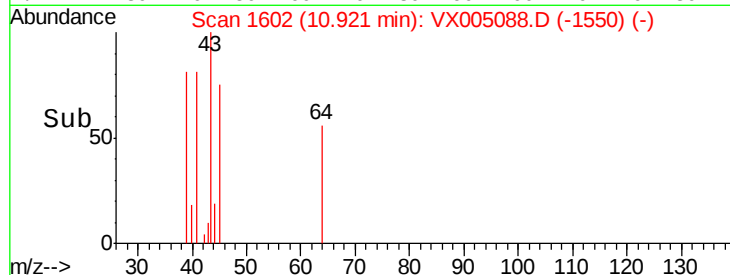
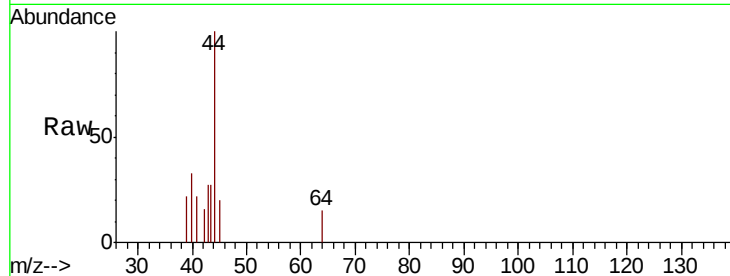
Ion Ratio Lower Upper

43 100

70 0.0 32.6 48.8#

55 54.9 21.6 32.4#

61 0.0 19.1 28.7#



#76

1,2,3-Trichloropropane

Concen: 21.228 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005088.D

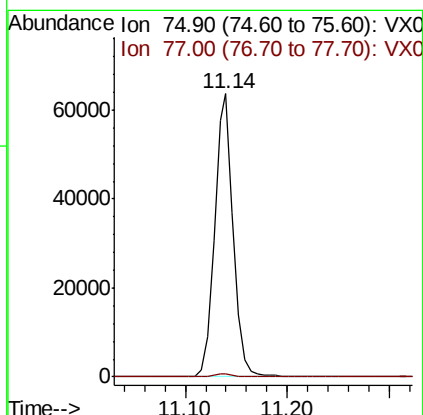
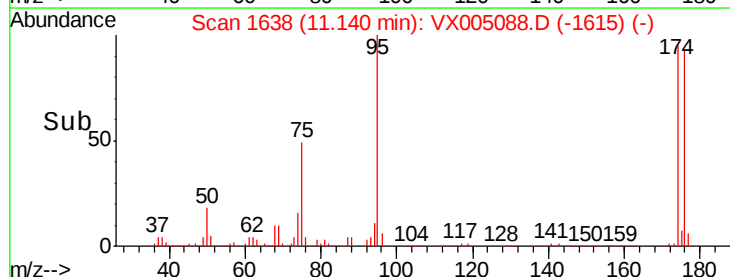
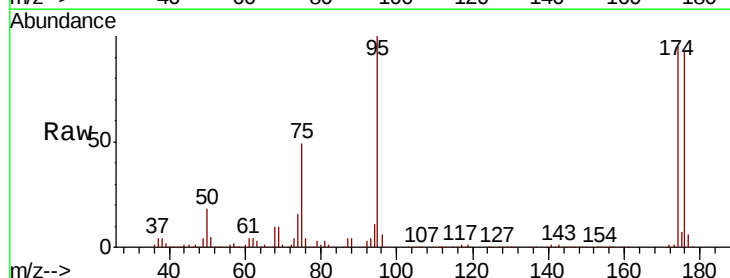
Acq: 06 Oct 2018 01:05

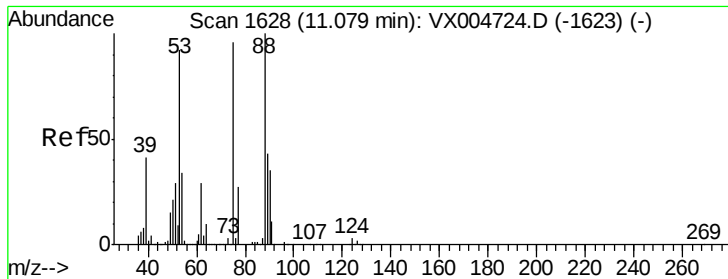
Tgt Ion: 75 Resp: 81065

Ion Ratio Lower Upper

75 100

77 1.3 21.4 64.3#





#81

trans-1,4-Dichloro-2-butene

Concen: 57.582 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX005088.D

Acq: 06 Oct 2018 01:05

Instrument :

MSVOA\_X

ClientSampleId :

PB113539ZHE#03

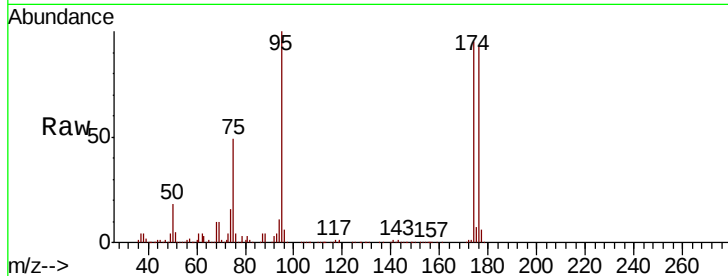
Tot Ion: 75 Resp: 81065

Ion Ratio Lower Upper

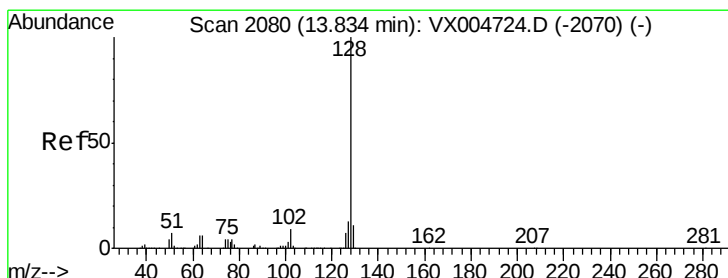
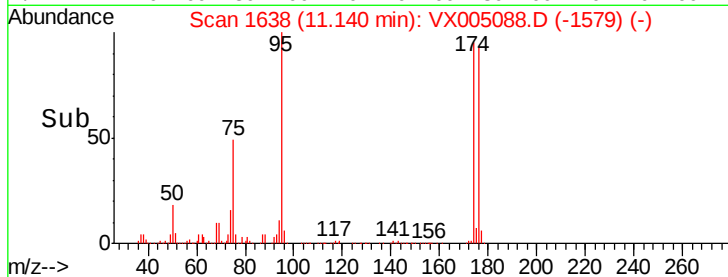
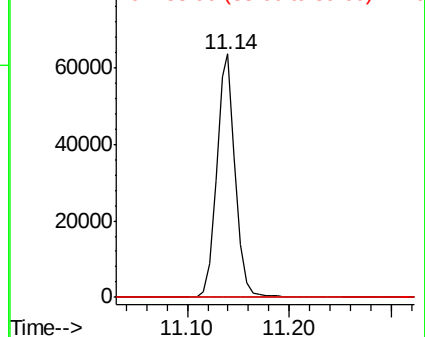
75 100

53 0.2 80.2 120.4#

89 0.0 37.1 55.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0  
Ion 53.00 (52.70 to 53.70): VX0  
Ion 88.90 (88.60 to 89.60): VX0



#95

Naphthalene

Concen: 0.757 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005088.D

Acq: 06 Oct 2018 01:05

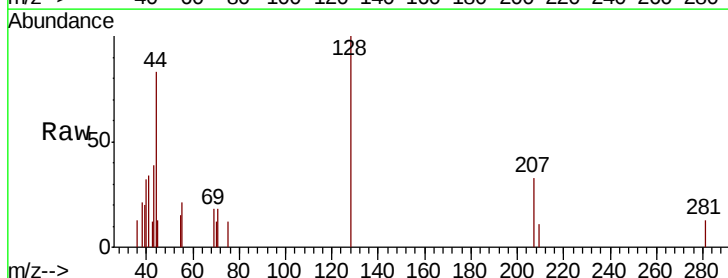
Tgt Ion: 128 Resp: 533

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 0.0 8.7 13.1#



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

