

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102320\  
 Data File : VX019110.D  
 Acq On : 24 Oct 2020 06:21  
 Operator : JC/SP  
 Sample : PB132563ZHE#09  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 48 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB132563ZHE#09

Quant Time: Oct 26 06:33:21 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X102120W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 22 17:51:42 2020  
 Response via : Initial Calibration

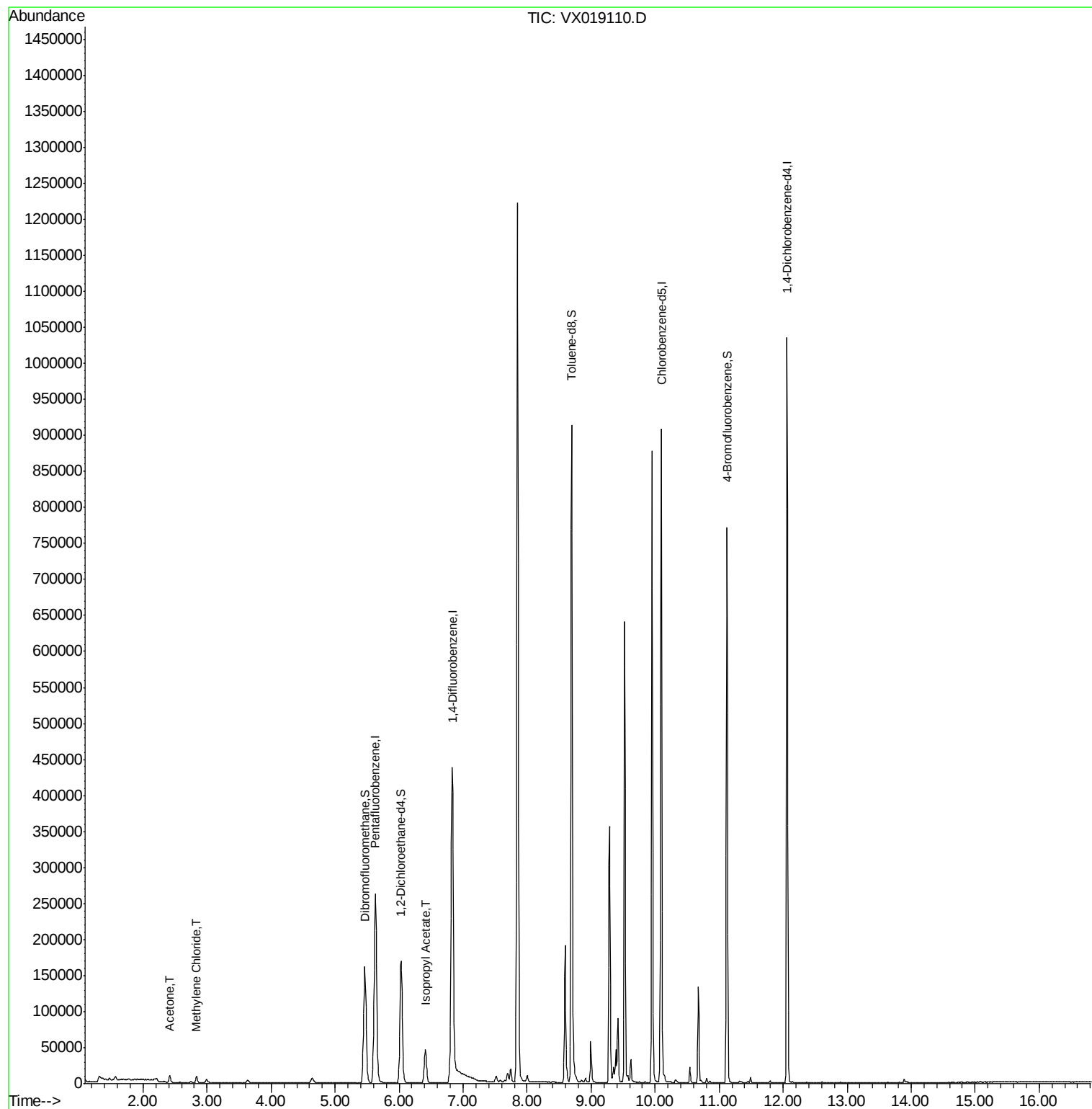
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 5.63  | 168  | 260591   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.83  | 114  | 451400   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.10 | 117  | 440857   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.06 | 152  | 220985   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.03  | 65   | 161254   | 51.66  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 103.32% |          |
| 35) Dibromofluoromethane    | 5.46  | 113  | 141924   | 49.66  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 99.32%  |          |
| 50) Toluene-d8              | 8.70  | 98   | 563075   | 51.63  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 103.26% |          |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 200893   | 51.79  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 103.58% |          |
| Target Compounds            |       |      |          |        |         |          |
| 16) Acetone                 | 2.42  | 43   | 9728     | 9.150  | ug/l    | 95       |
| 20) Methylene Chloride      | 2.84  | 84   | 4440     | 1.500  | ug/l    | 88       |
| 43) Isopropyl Acetate       | 6.41  | 43   | 60438    | 10.323 | ug/l    | 99       |

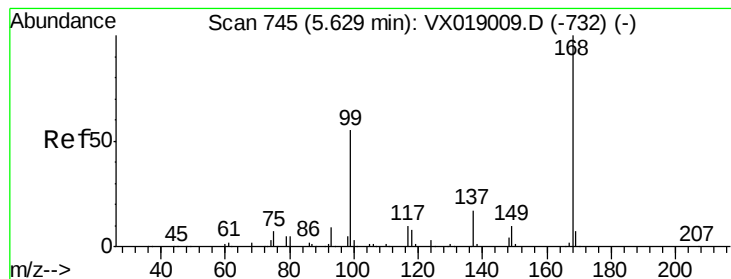
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102320\  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X102120W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 22 17:51:42 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX019110.D

Acq: 24 Oct 2020 06:21

Instrument :

MSVOA\_X

ClientSampleId :

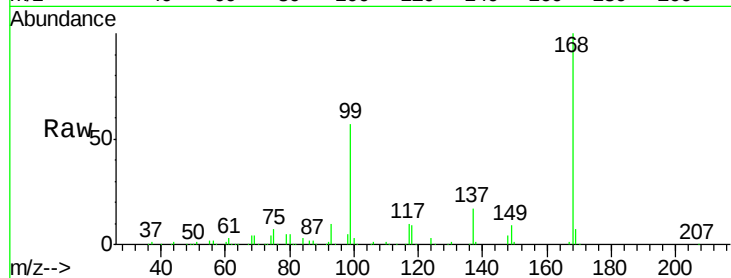
PB132563ZHE#09

Tot Ion:168 Resp: 260591

Ion Ratio Lower Upper

168 100

99 56.5 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

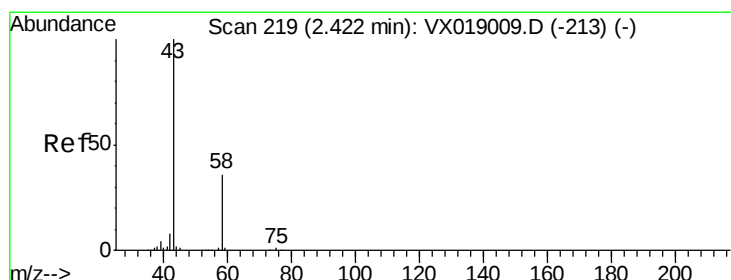
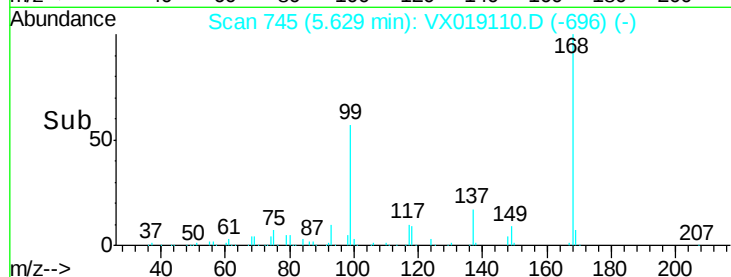
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 9.150 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019110.D

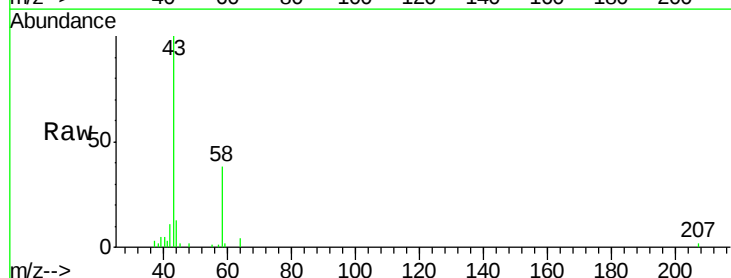
Acq: 24 Oct 2020 06:21

Tgt Ion: 43 Resp: 9728

Ion Ratio Lower Upper

43 100

58 38.4 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

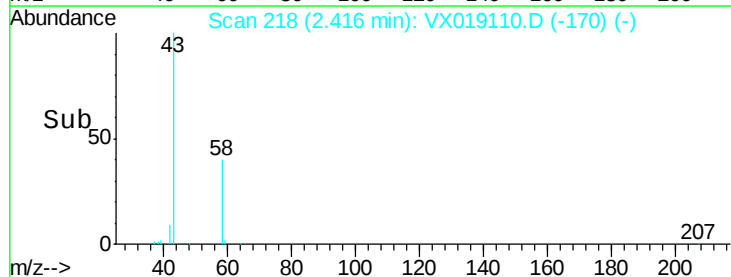
6000

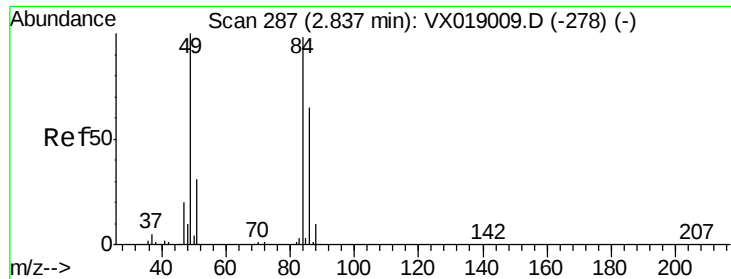
4000

2000

0

Time-->

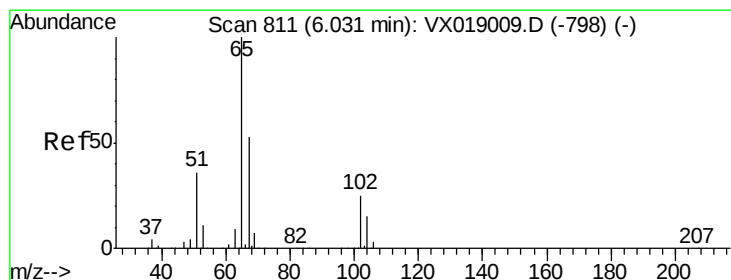
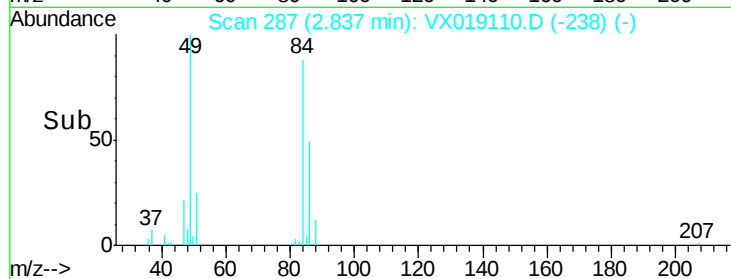
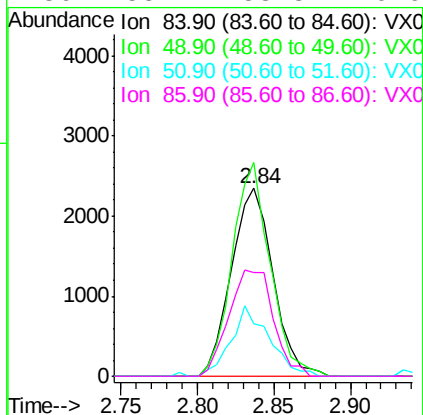
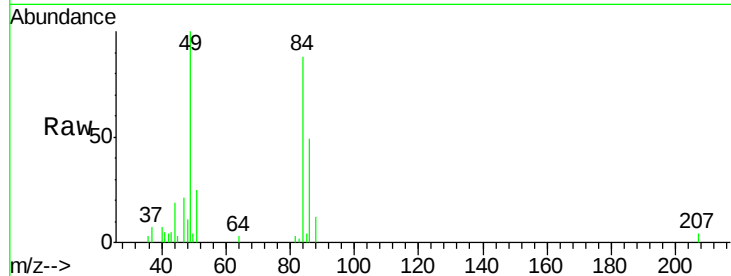




#20  
Methvlene Chloride  
Concen: 1.500 ug/l  
RT: 2.84 min Scan# 287  
Delta R.T. 0.00 min  
Lab File: VX019110.D  
Acq: 24 Oct 2020 06:21

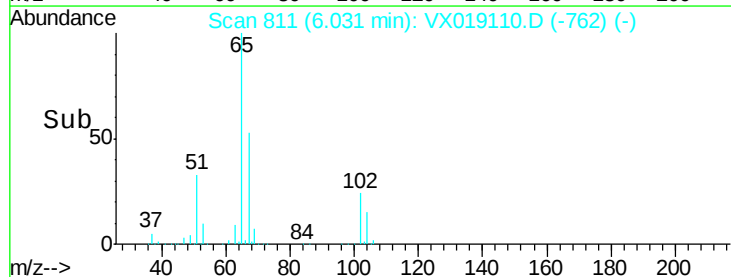
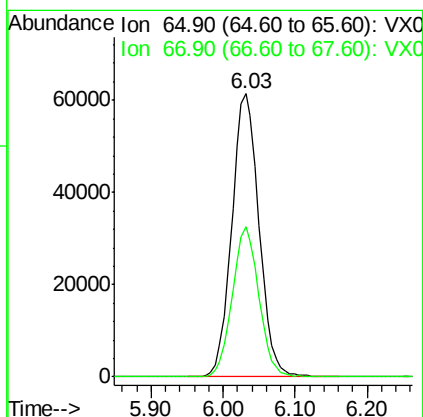
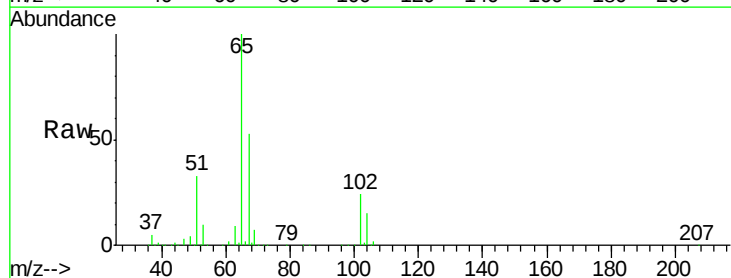
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB132563ZHE#09

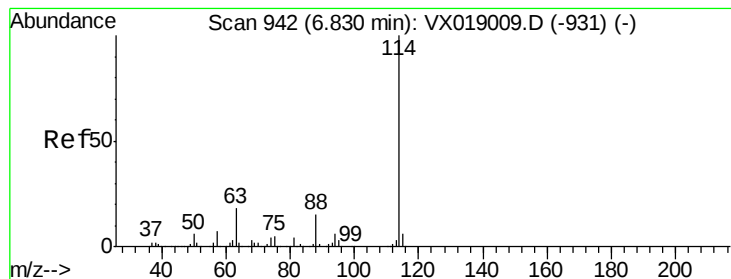
Tot Ion: 84 Resp: 4440  
Ion Ratio Lower Upper  
84 100  
49 113.6 81.6 122.4  
51 27.8 25.6 38.4  
86 55.2 53.3 79.9



#33  
1,2-Dichloroethane-d4  
Concen: 51.660 ug/l  
RT: 6.03 min Scan# 811  
Delta R.T. 0.00 min  
Lab File: VX019110.D  
Acq: 24 Oct 2020 06:21

Tgt Ion: 65 Resp: 161254  
Ion Ratio Lower Upper  
65 100  
67 51.7 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX019110.D

Acq: 24 Oct 2020 06:21

Instrument :

MSVOA\_X

ClientSampleId :

PB132563ZHE#09

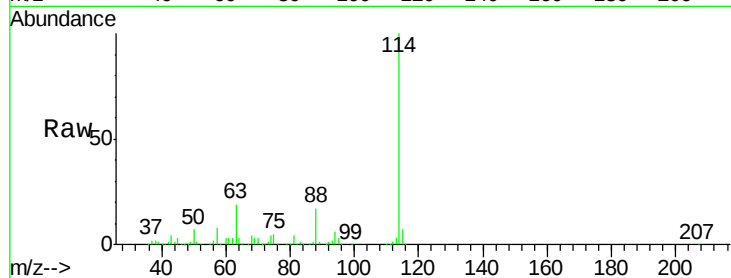
Tot Ion:114 Resp: 451400

Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.8

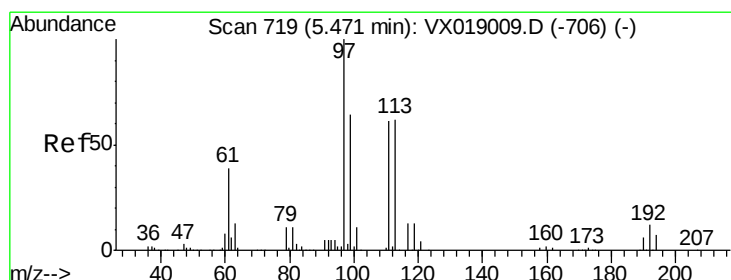
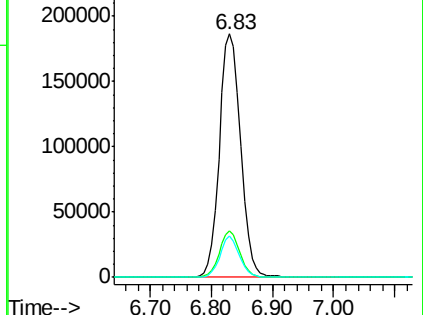
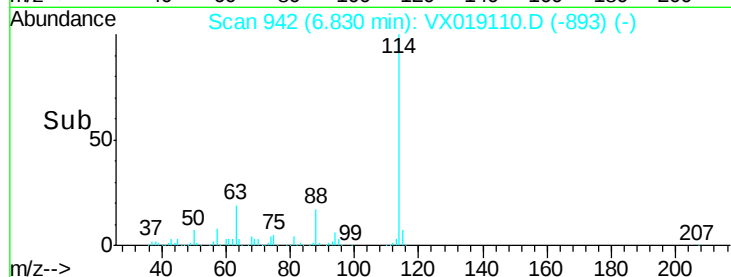
88 16.8 0.0 30.2



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: 49.659 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX019110.D

Acq: 24 Oct 2020 06:21

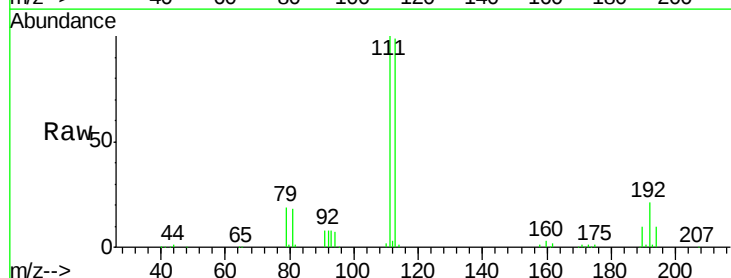
Tgt Ion:113 Resp: 141924

Ion Ratio Lower Upper

113 100

111 102.5 81.5 122.3

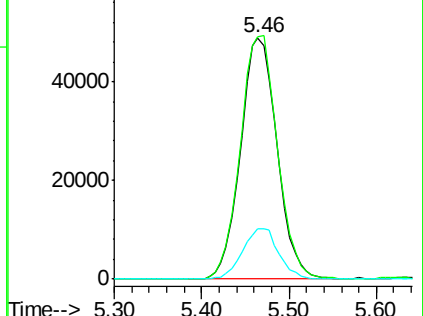
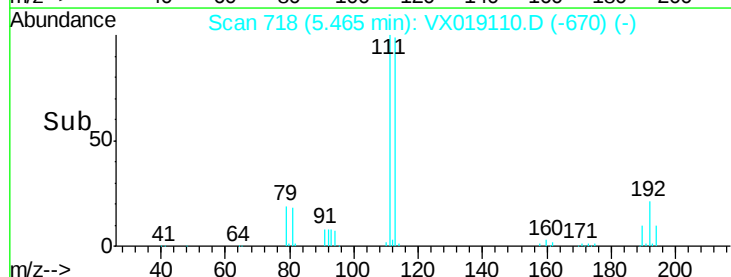
192 20.8 16.3 24.5

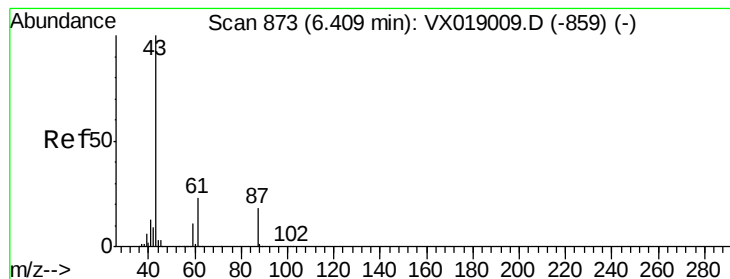


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



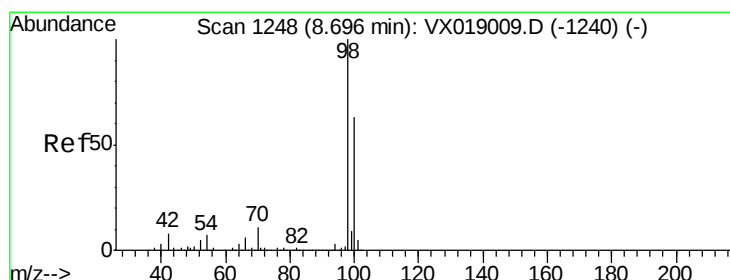
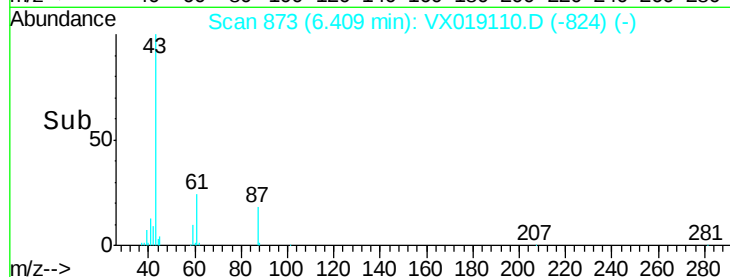
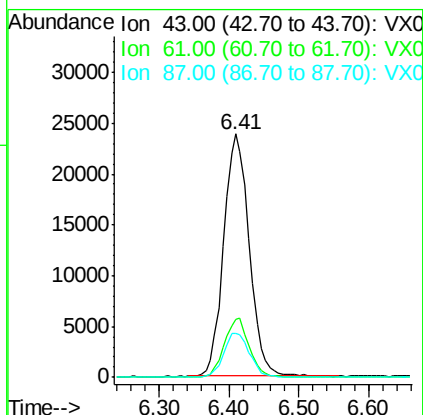
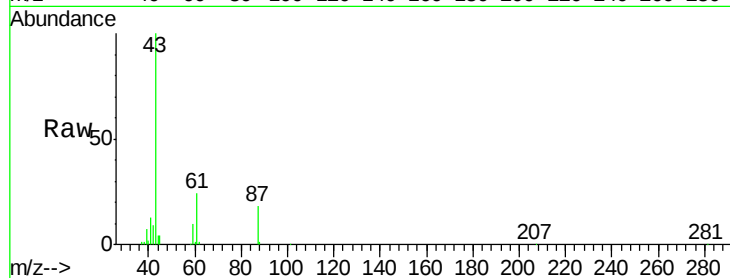


#43

Isopropyl Acetate  
 Concen: 10.323 ug/l  
 RT: 6.41 min Scan# 873  
 Delta R.T. 0.00 min  
 Lab File: VX019110.D  
 Acq: 24 Oct 2020 06:21

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB132563ZHE#09

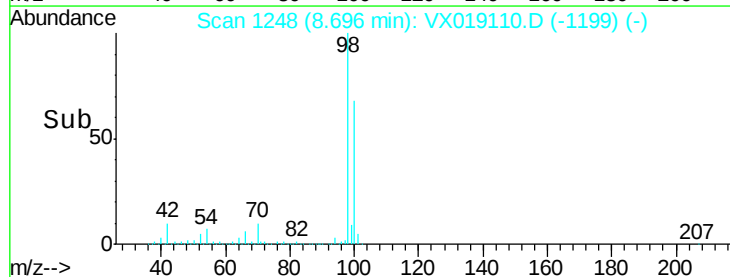
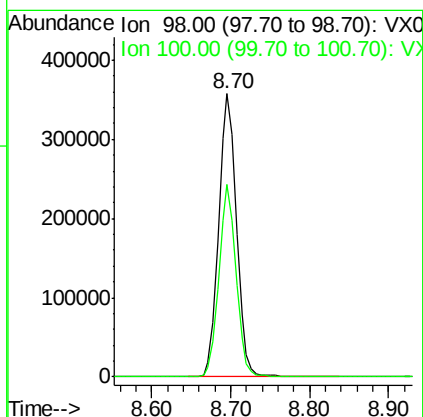
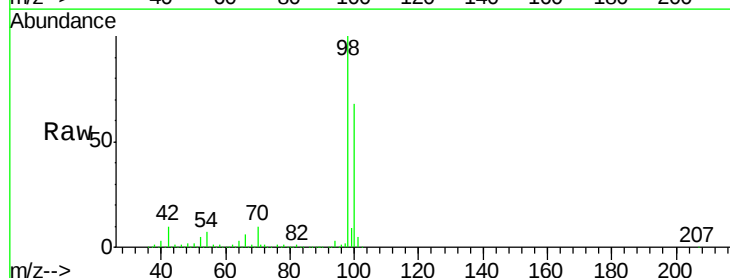
Tot Ion: 43 Resp: 60438  
 Ion Ratio Lower Upper  
 43 100  
 61 23.8 18.7 28.1  
 87 18.4 14.2 21.4

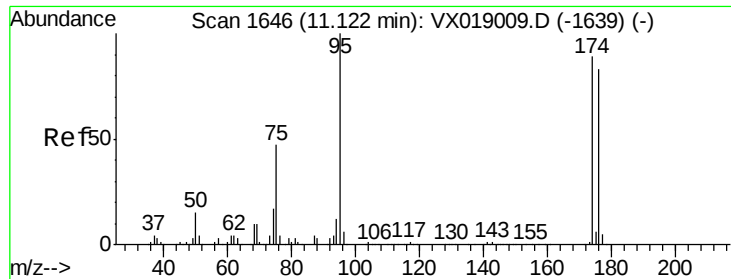


#50

Toluene-d8  
 Concen: 51.630 ug/l  
 RT: 8.70 min Scan# 1248  
 Delta R.T. 0.00 min  
 Lab File: VX019110.D  
 Acq: 24 Oct 2020 06:21

Tgt Ion: 98 Resp: 563075  
 Ion Ratio Lower Upper  
 98 100  
 100 65.7 52.1 78.1





#62

4-Bromofluorobenzene

Concen: 51.786 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019110.D

Acq: 24 Oct 2020 06:21

Instrument :

MSVOA\_X

ClientSampleId :

PB132563ZHE#09

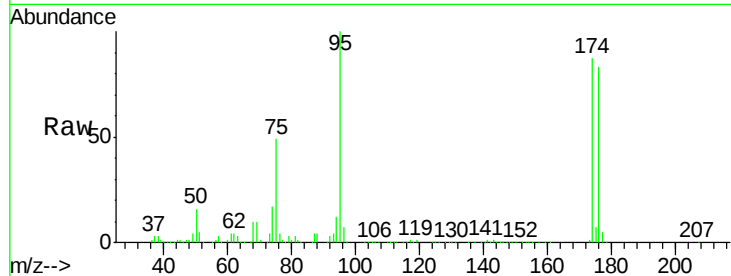
Tot Ion: 95 Resp: 200893

Ion Ratio Lower Upper

95 100

174 82.9 0.0 167.6

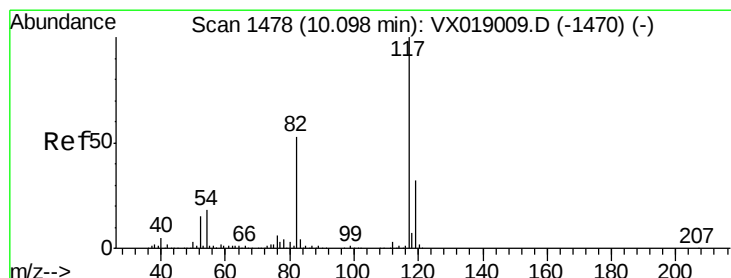
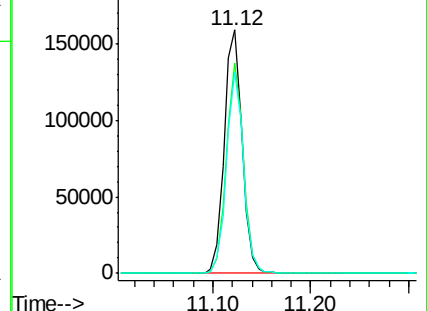
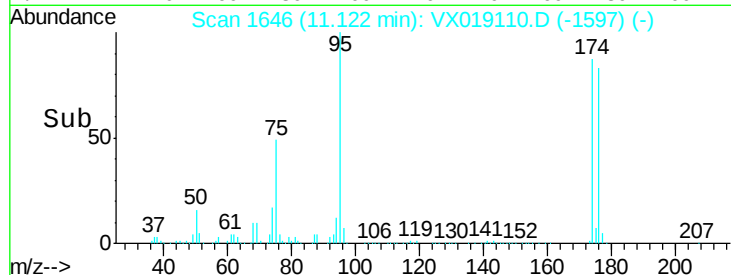
176 79.1 0.0 165.2



Abundance Ion 94.90 (94.60 to 95.60): VX019110.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX019110.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX019110.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX019110.D

Acq: 24 Oct 2020 06:21

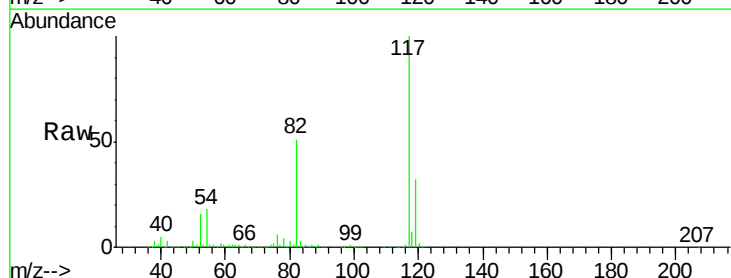
Tgt Ion: 117 Resp: 440857

Ion Ratio Lower Upper

117 100

82 51.0 42.4 63.6

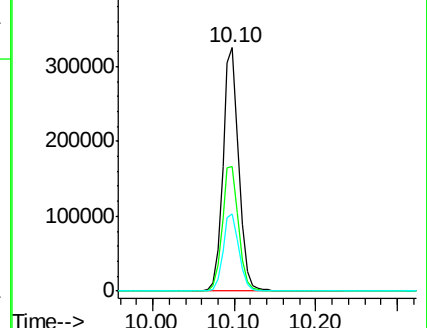
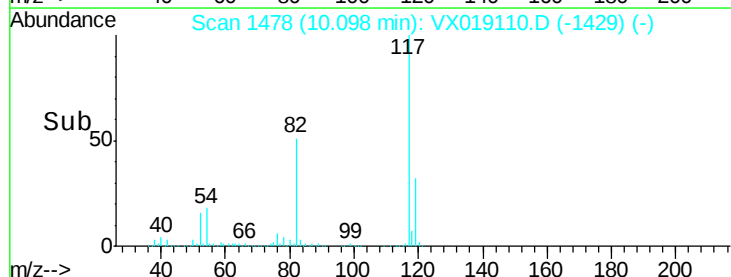
119 31.8 25.6 38.4

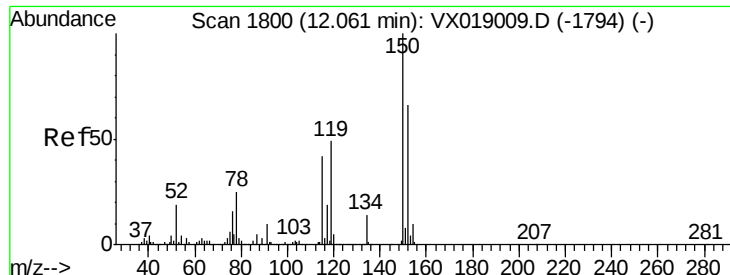


Abundance Ion 116.90 (116.60 to 117.60): VX019110.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX019110.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX019110.D (-1429) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019110.D

Acq: 24 Oct 2020 06:21

Instrument :

MSVOA\_X

ClientSampleId :

PB132563ZHE#09

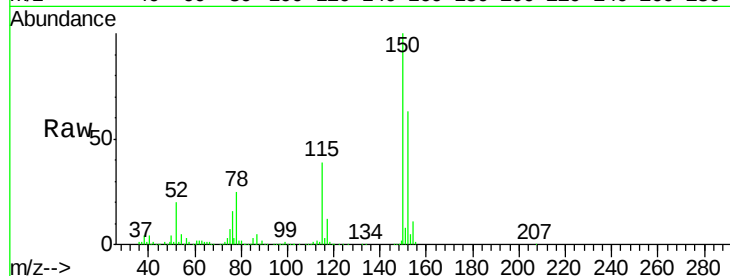
Tot Ion:152 Resp: 220985

Ion Ratio Lower Upper

152 100

115 58.0 40.8 122.5

150 153.6 0.0 345.6



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

