

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042920\  
 Data File : VX015972.D  
 Acq On : 29 Apr 2020 13:24  
 Operator : JC/SP  
 Sample : L2406-01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Apr 30 07:28:53 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X042820W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 28 17:30:11 2020  
 Response via : Initial Calibration

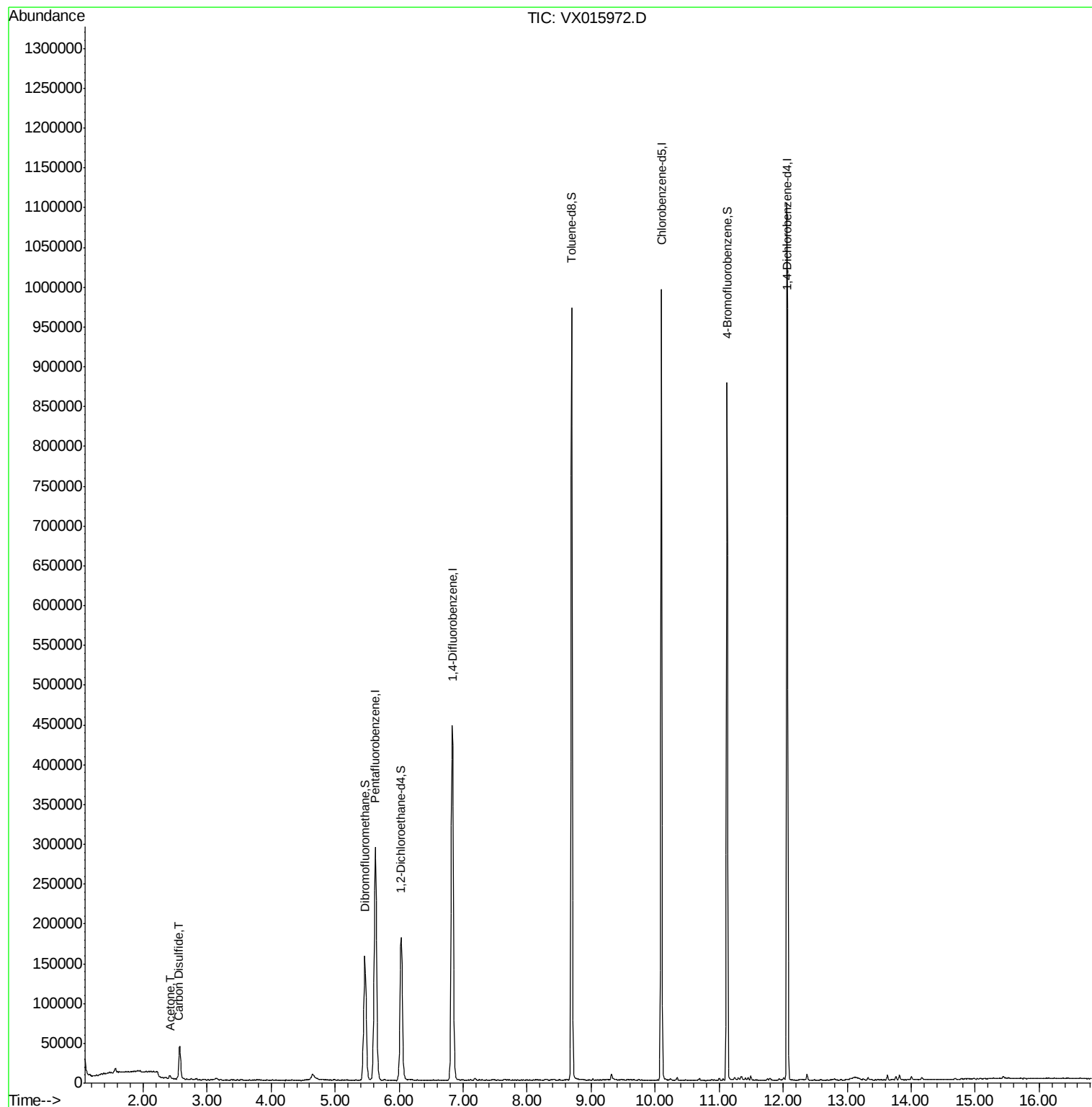
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 1) Pentafluorobenzene       | 5.63  | 168  | 276871   | 50.00 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.83  | 114  | 446188   | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.10 | 117  | 428826   | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.06 | 152  | 216391   | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.03  | 65   | 172418   | 47.63 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 95.26%  |          |
| 35) Dibromofluoromethane    | 5.46  | 113  | 131617   | 47.29 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 94.58%  |          |
| 50) Toluene-d8              | 8.70  | 98   | 542533   | 52.13 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 104.26% |          |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 213702   | 52.36 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 104.72% |          |
| Target Compounds            |       |      |          |       |         |          |
| 16) Acetone                 | 2.42  | 43   | 4379     | 2.829 | ug/l    | 99       |
| 17) Carbon Disulfide        | 2.55  | 76   | 4672     | 0.351 | ug/l    | 98       |

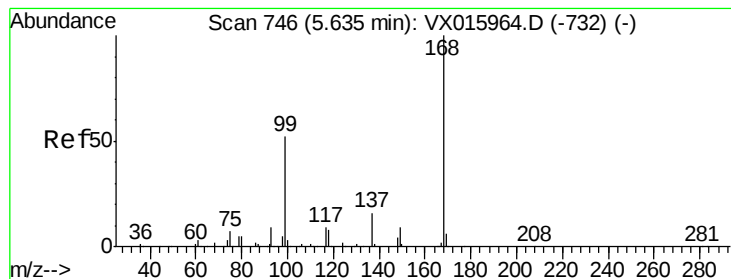
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042920\  
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Sample : L2406-01  
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ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-SOIL-REF-6

Quant Time: Apr 30 07:28:53 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X042820W.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 28 17:30:11 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX015972.D

Acq: 29 Apr 2020 13:24

Instrument :

MSVOA\_X

ClientSampleId :

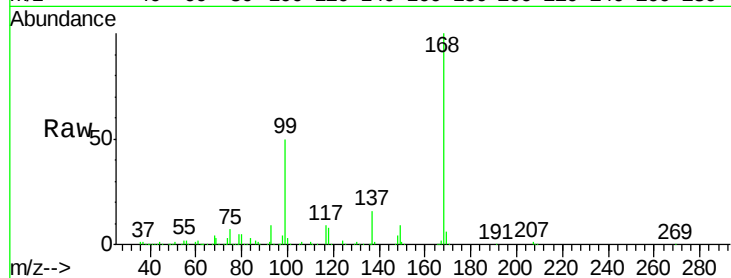
STORAGE-BLANK-SOIL-REF-6

Tot Ion:168 Resp: 276871

Ion Ratio Lower Upper

168 100

99 50.4 41.7 62.5



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

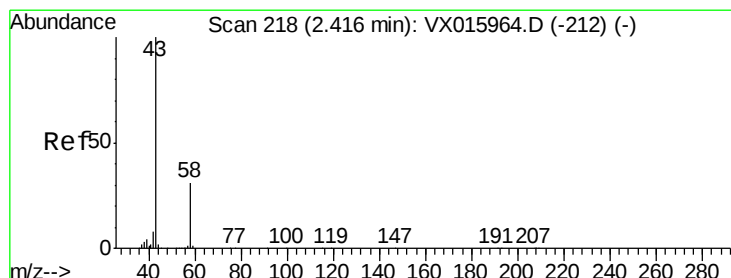
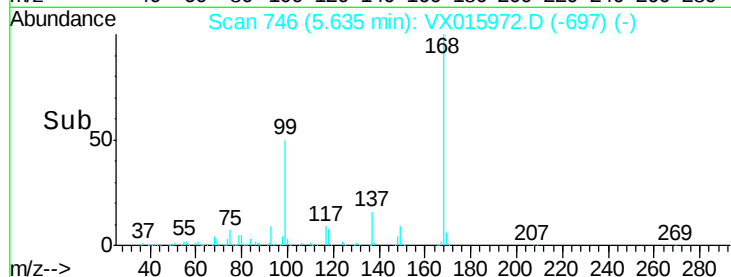
0

5.50

5.60

5.70

Time-->



#16

Acetone

Concen: 2.829 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX015972.D

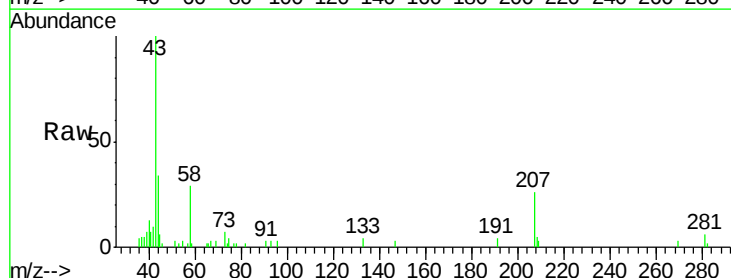
Acq: 29 Apr 2020 13:24

Tgt Ion: 43 Resp: 4379

Ion Ratio Lower Upper

43 100

58 30.6 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

3000

2500

2000

1500

1000

500

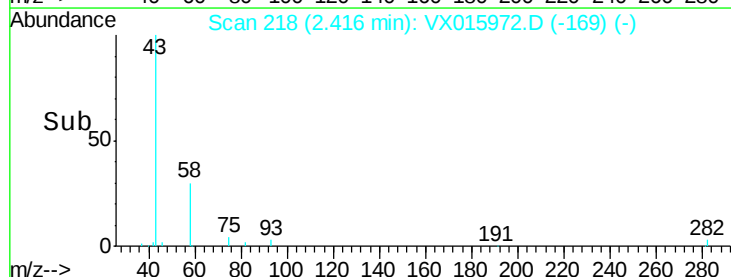
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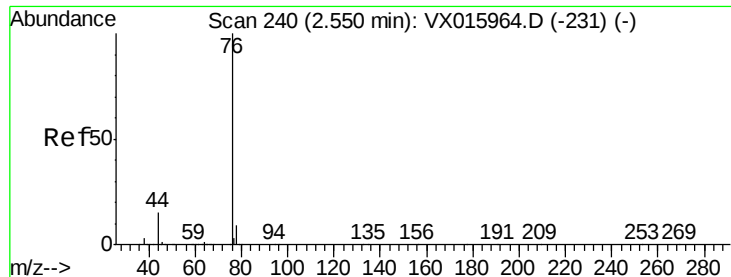
2.35

2.40

2.45

Time-->

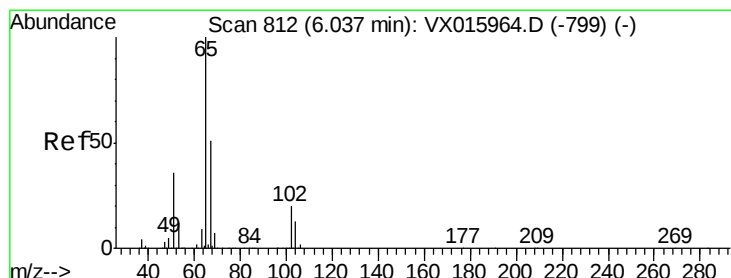
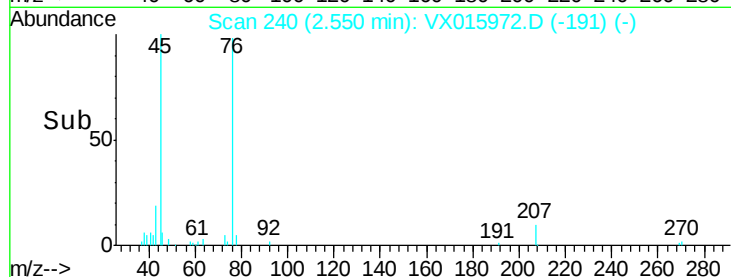
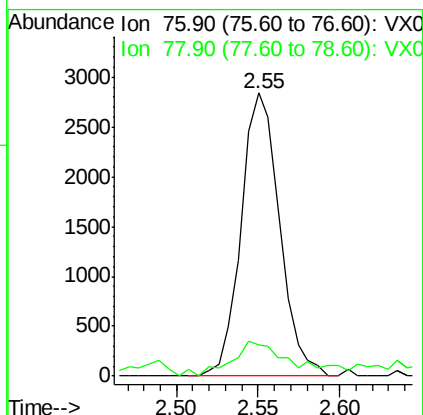
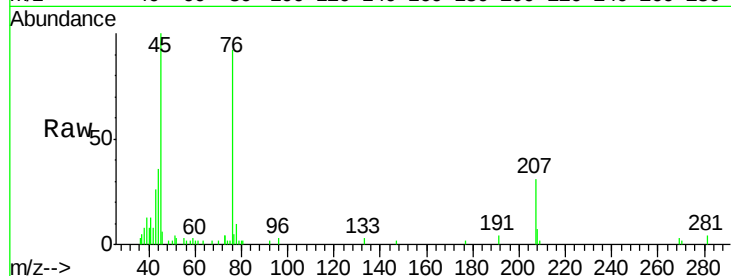




#17  
Carbon Disulfide  
Concen: 0.351 ug/l  
RT: 2.55 min Scan# 240  
Delta R.T. 0.00 min  
Lab File: VX015972.D  
Acq: 29 Apr 2020 13:24

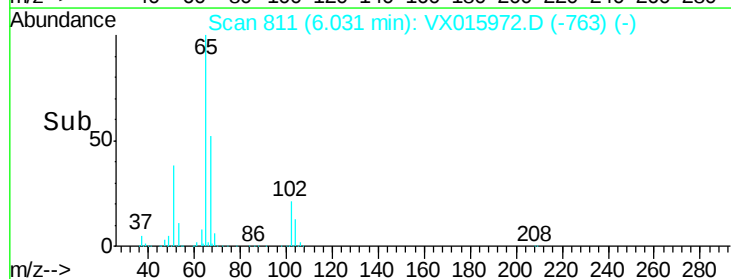
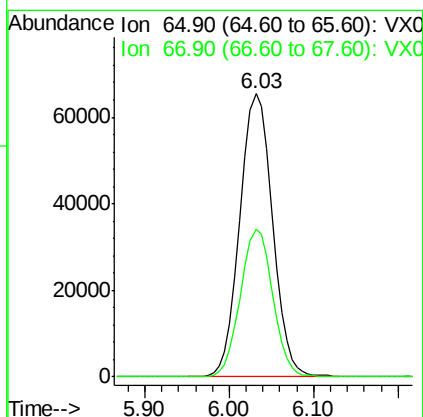
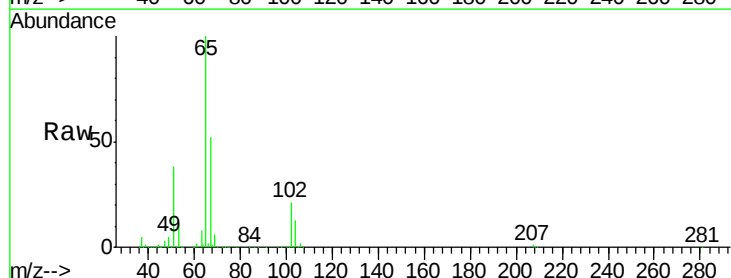
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-SOIL-REF-6

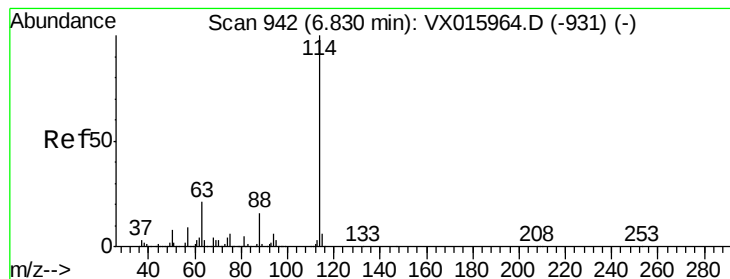
Tot Ion: 76 Resp: 4672  
Ion Ratio Lower Upper  
76 100  
78 8.4 7.4 11.0



#33  
1,2-Dichloroethane-d4  
Concen: 47.629 ug/l  
RT: 6.03 min Scan# 811  
Delta R.T. -0.01 min  
Lab File: VX015972.D  
Acq: 29 Apr 2020 13:24

Tgt Ion: 65 Resp: 172418  
Ion Ratio Lower Upper  
65 100  
67 51.5 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX015972.D

Acq: 29 Apr 2020 13:24

Instrument :

MSVOA\_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

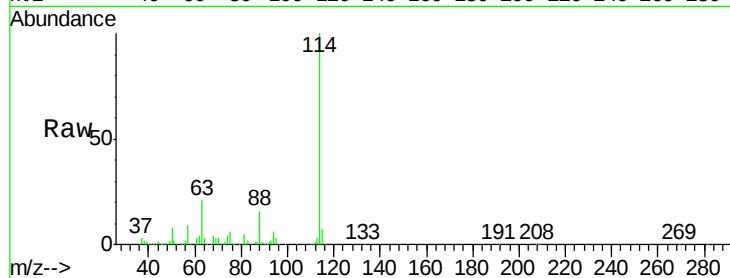
Tot Ion:114 Resp: 446188

Ion Ratio Lower Upper

114 100

63 21.0 0.0 41.2

88 15.7 0.0 31.8



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

250000

200000

150000

100000

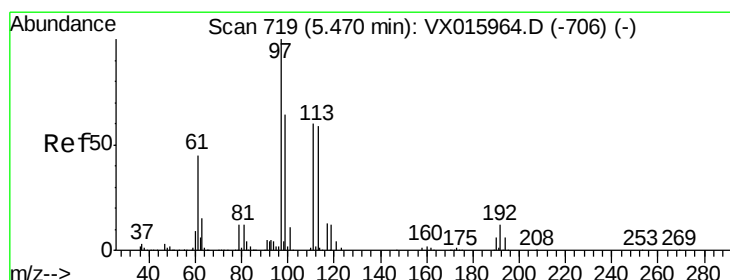
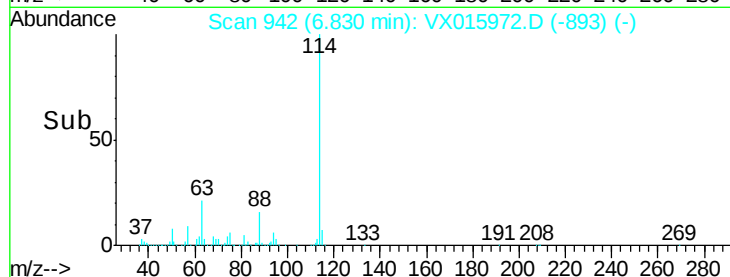
50000

0

6.83

6.70 6.80 6.90

Time-->



#35

Dibromofluoromethane

Concen: 47.287 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX015972.D

Acq: 29 Apr 2020 13:24

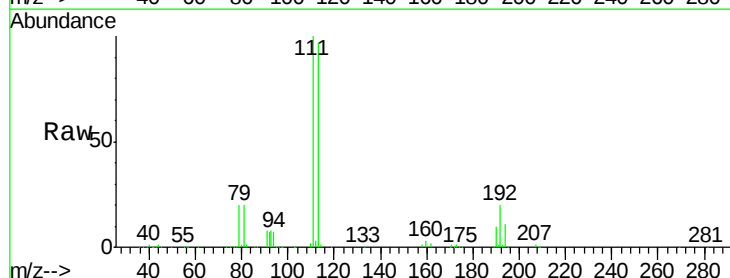
Tgt Ion:113 Resp: 131617

Ion Ratio Lower Upper

113 100

111 102.1 81.8 122.8

192 20.9 16.8 25.2



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

60000

50000

40000

30000

20000

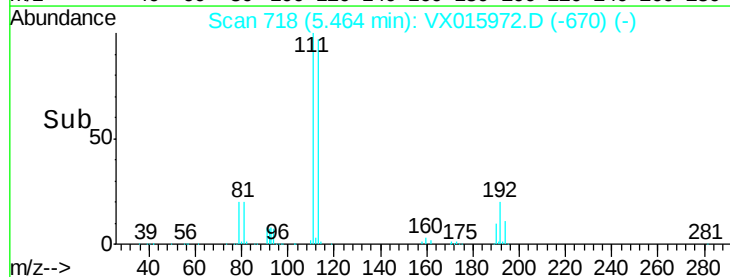
10000

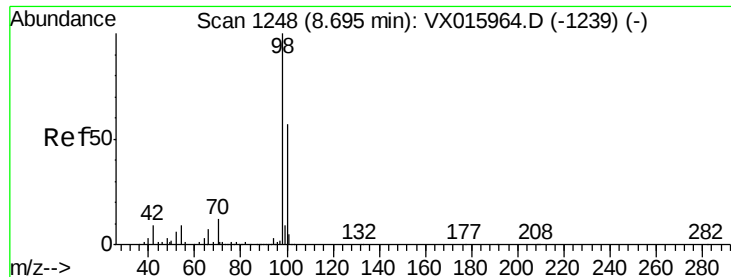
0

5.46

5.30 5.40 5.50 5.60

Time-->

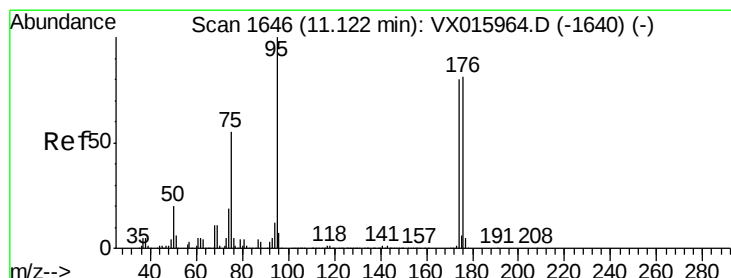
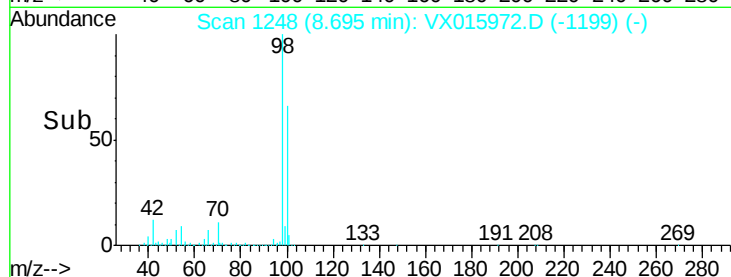
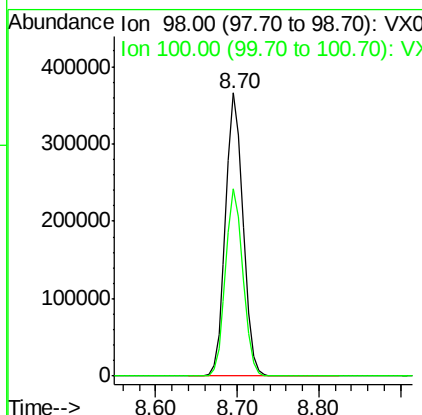
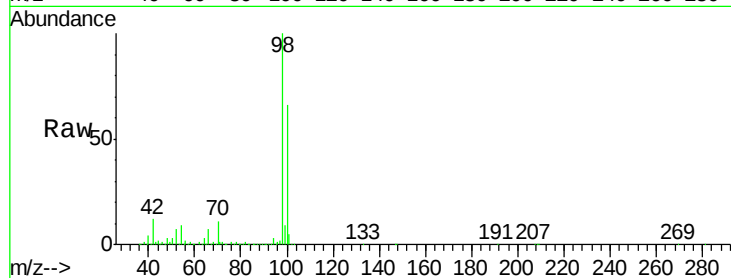




#50  
Toluene-d8  
Concen: 52.133 ug/l  
RT: 8.70 min Scan# 1248  
Delta R.T. -0.00 min  
Lab File: VX015972.D  
Acq: 29 Apr 2020 13:24

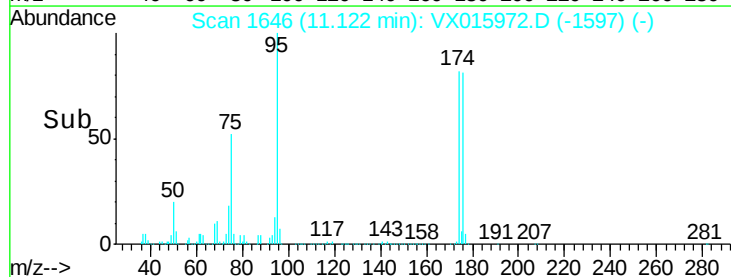
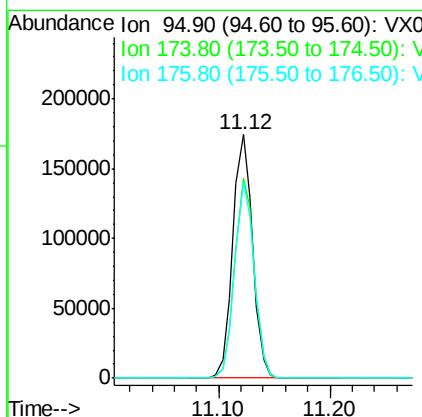
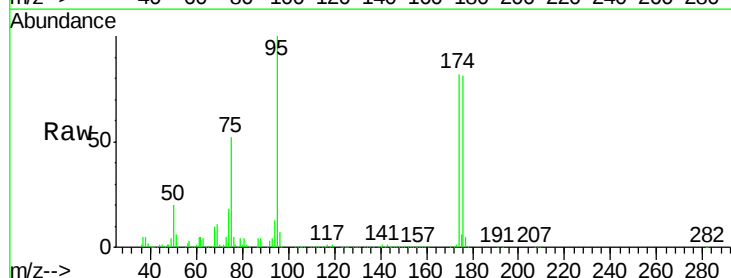
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-SOIL-REF-6

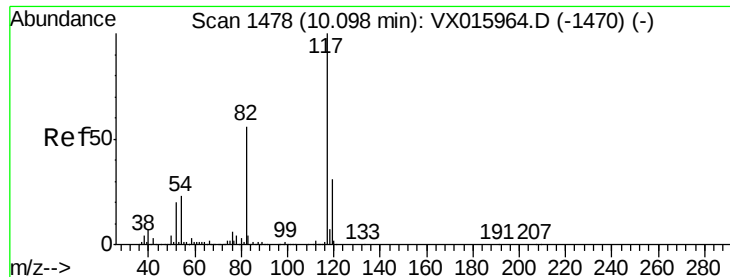
Tot Ion: 98 Resp: 542533  
Ion Ratio Lower Upper  
98 100  
100 66.1 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 52.357 ug/l  
RT: 11.12 min Scan# 1646  
Delta R.T. -0.00 min  
Lab File: VX015972.D  
Acq: 29 Apr 2020 13:24

Tgt Ion: 95 Resp: 213702  
Ion Ratio Lower Upper  
95 100  
174 82.2 0.0 165.0  
176 80.0 0.0 163.2

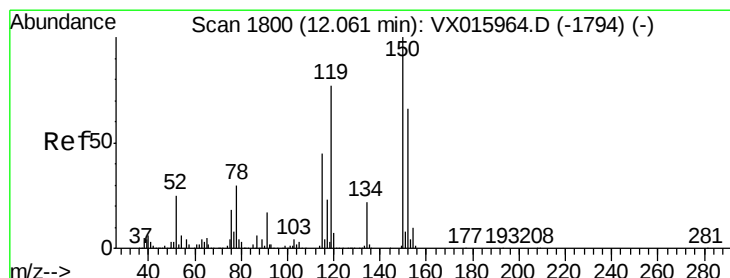
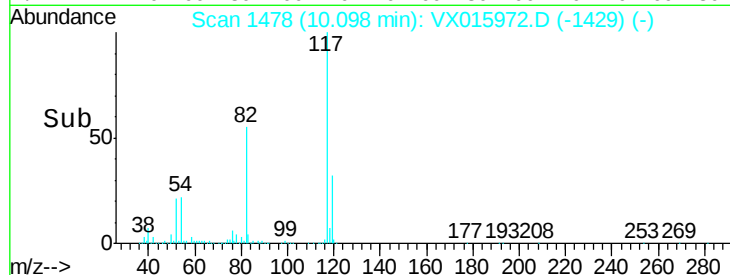
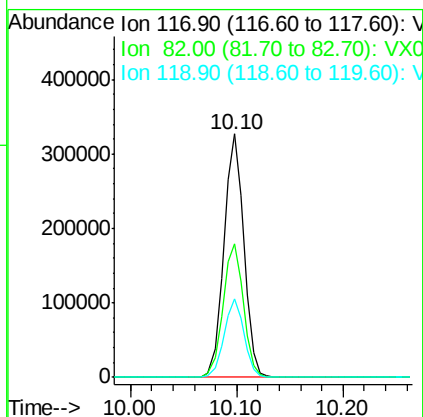
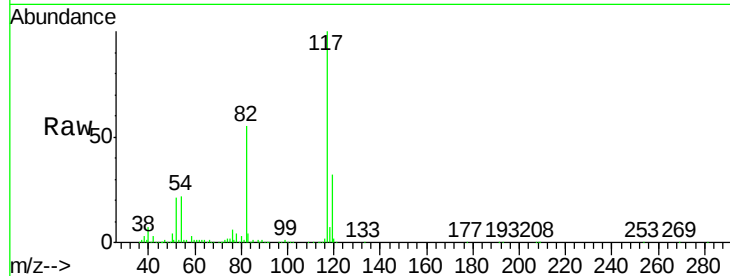




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. -0.00 min  
Lab File: VX015972.D  
Acq: 29 Apr 2020 13:24

Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-SOIL-REF-6

Tot Ion:117 Resp: 428826  
Ion Ratio Lower Upper  
117 100  
82 54.8 44.5 66.7  
119 32.0 25.0 37.6



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.06 min Scan# 1800  
Delta R.T. -0.00 min  
Lab File: VX015972.D  
Acq: 29 Apr 2020 13:24

Tgt Ion:152 Resp: 216391  
Ion Ratio Lower Upper  
152 100  
115 59.9 40.9 122.7  
150 158.5 0.0 342.4

