

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101220\  
 Data File : VX018919.D  
 Acq On : 12 Oct 2020 21:17  
 Operator : JC/SP  
 Sample : L4276-03  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 FIELD-BLANK

Quant Time: Oct 13 05:13:34 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X100920W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Oct 10 06:09:09 2020  
 Response via : Initial Calibration

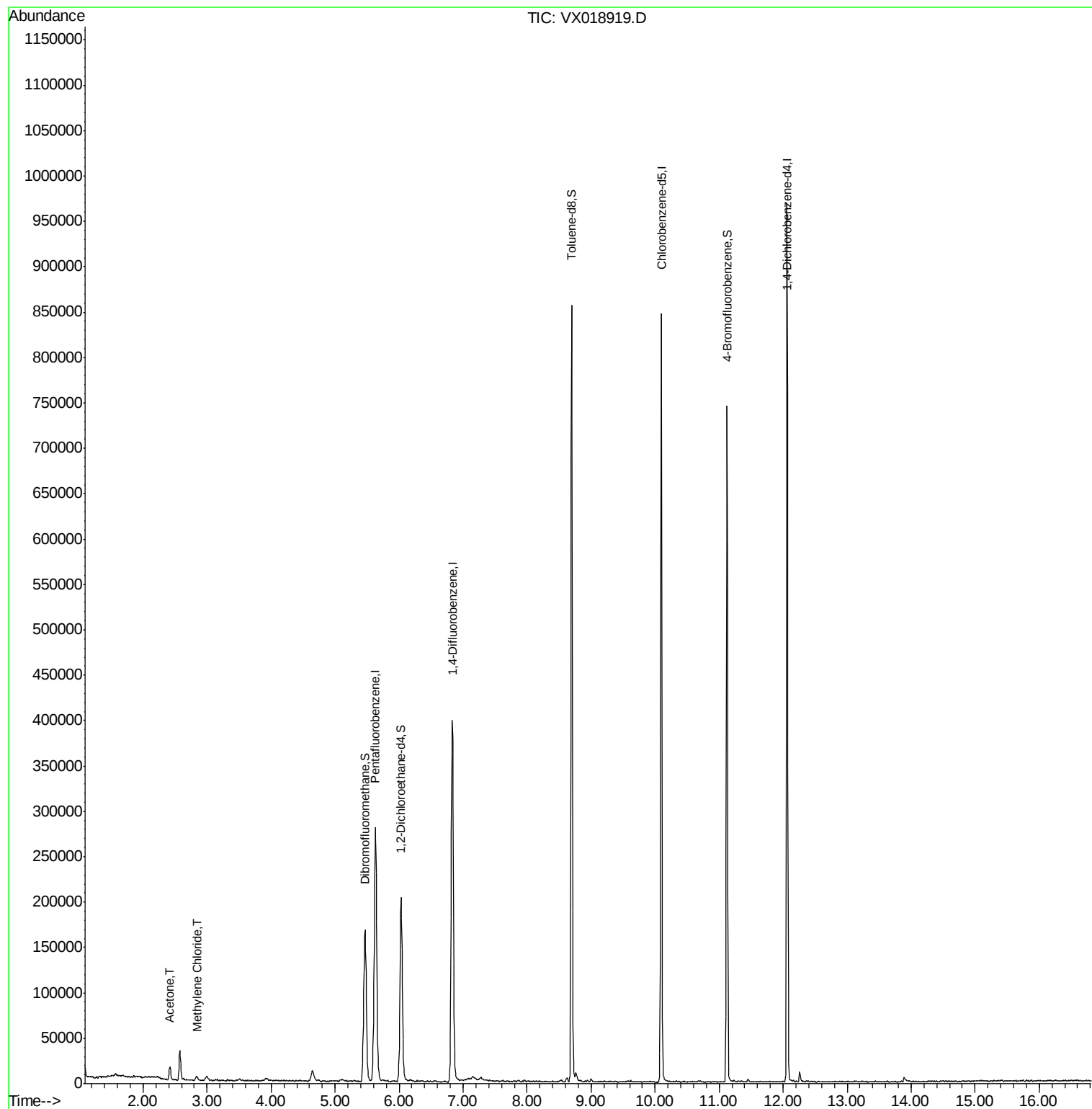
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 1) Pentafluorobenzene       | 5.63  | 168  | 248568   | 50.00 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.83  | 114  | 384070   | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.10 | 117  | 390672   | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.06 | 152  | 197706   | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.03  | 65   | 194834   | 53.14 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 106.28% |          |
| 35) Dibromofluoromethane    | 5.46  | 113  | 144296   | 52.72 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 105.44% |          |
| 50) Toluene-d8              | 8.70  | 98   | 493959   | 52.03 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 104.06% |          |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 178468   | 47.16 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 94.32%  |          |
| Target Compounds            |       |      |          |       |         |          |
| 16) Acetone                 | 2.42  | 43   | 16705    | 7.032 | ug/l #  | 88       |
| 20) Methylene Chloride      | 2.84  | 84   | 2083     | 1.292 | ug/l #  | 80       |

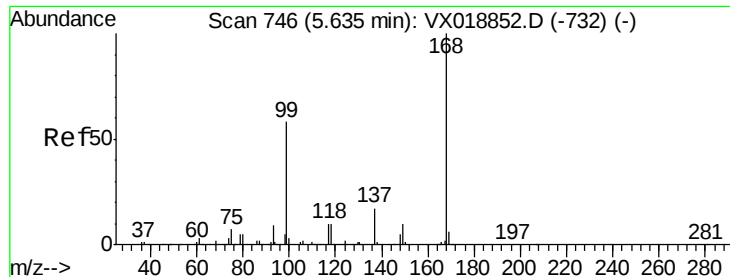
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_X  
ClientSampleId :  
FIELD-BLANK

Quant Time: Oct 13 05:13:34 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X100920W.M  
Quant Title : SW846 8260  
QLast Update : Sat Oct 10 06:09:09 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX018919.D

Acq: 12 Oct 2020 21:17

Instrument :

MSVOA\_X

ClientSampled :

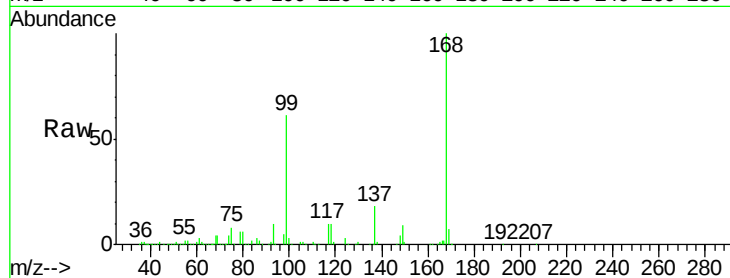
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Tot Ion:168 Resp: 248568

Ion Ratio Lower Upper

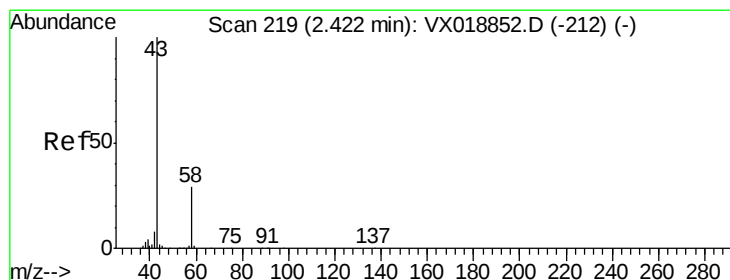
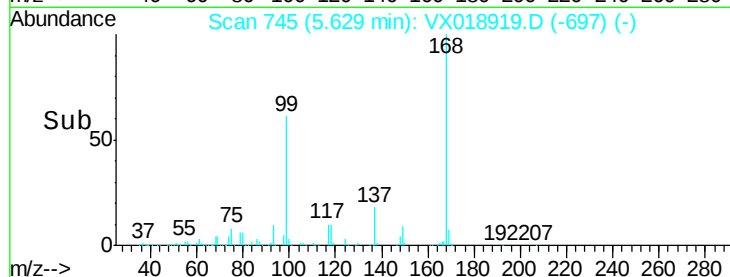
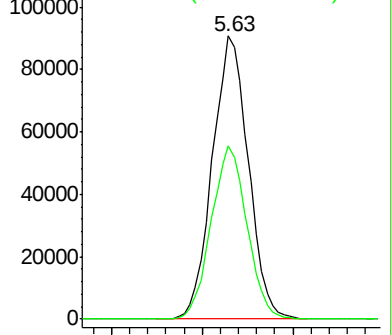
168 100

99 61.0 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 7.032 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX018919.D

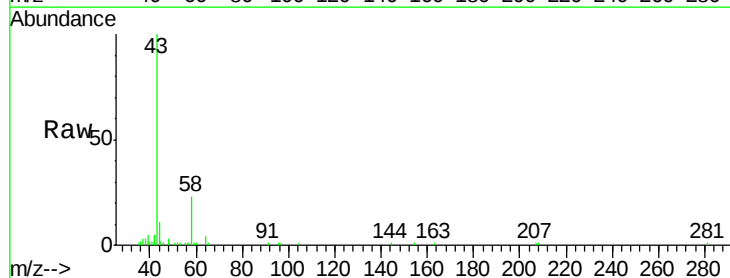
Acq: 12 Oct 2020 21:17

Tgt Ion: 43 Resp: 16705

Ion Ratio Lower Upper

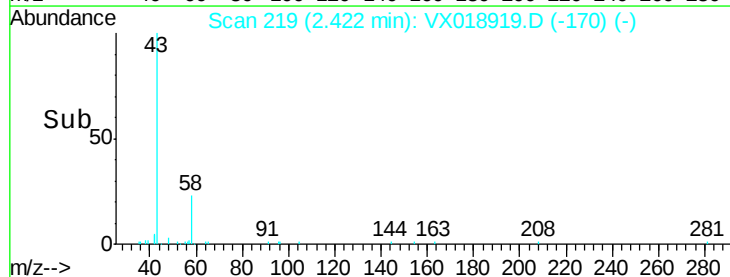
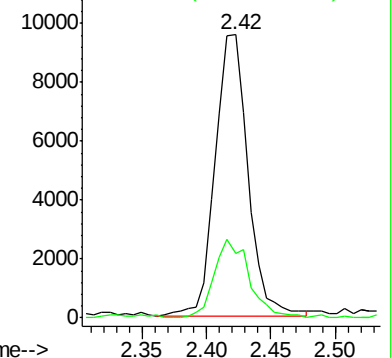
43 100

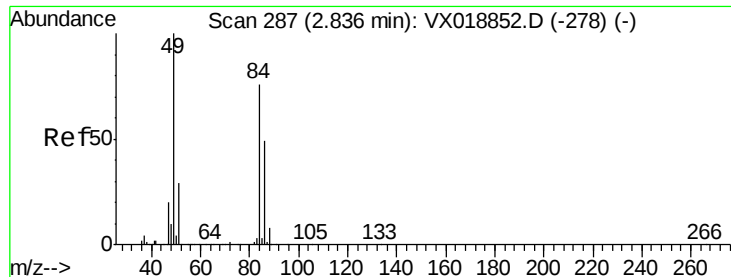
58 22.5 23.0 34.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

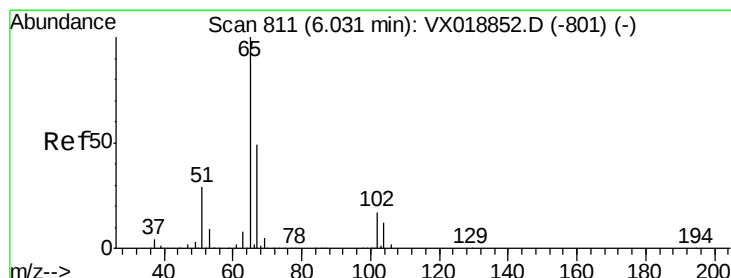
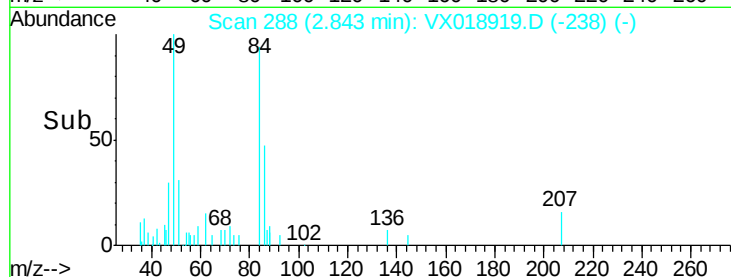
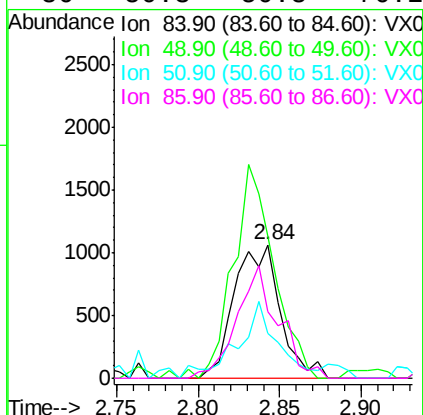
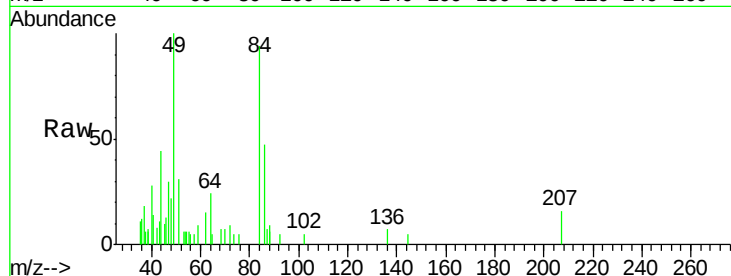




#20  
Methylene Chloride  
Concen: 1.292 ug/l  
RT: 2.84 min Scan# 288  
Delta R.T. 0.01 min  
Lab File: VX018919.D  
Acq: 12 Oct 2020 21:17

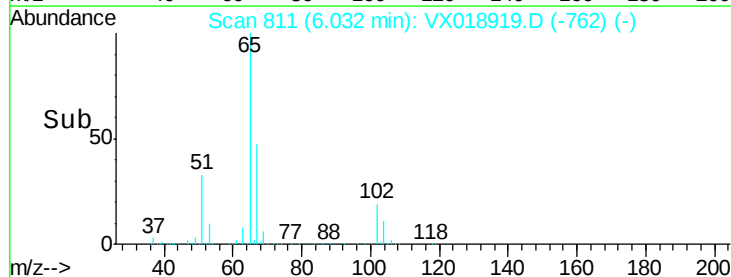
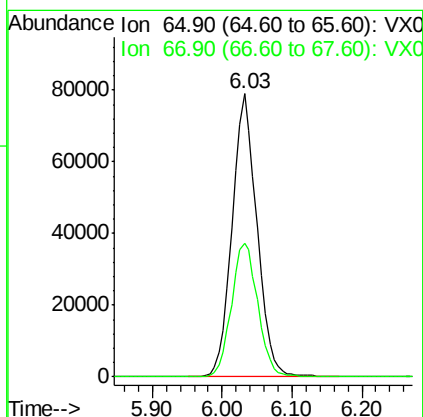
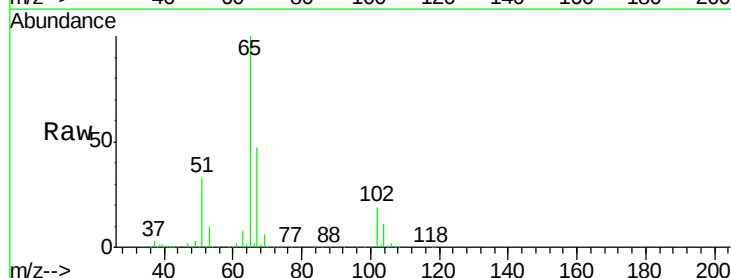
Instrument :  
MSVOA\_X  
ClientSampled :  
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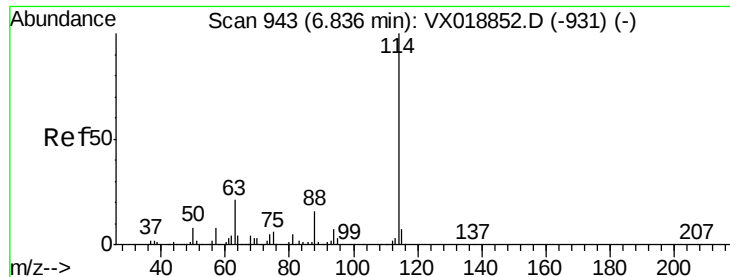
Tot Ion: 84 Resp: 2083  
Ion Ratio Lower Upper  
84 100  
49 106.7 104.8 157.2  
51 24.0 30.6 46.0#  
86 50.3 50.8 76.2#



#33  
1,2-Dichloroethane-d4  
Concen: 53.144 ug/l  
RT: 6.03 min Scan# 811  
Delta R.T. 0.00 min  
Lab File: VX018919.D  
Acq: 12 Oct 2020 21:17

Tgt Ion: 65 Resp: 194834  
Ion Ratio Lower Upper  
65 100  
67 50.0 0.0 97.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018919.D

Acq: 12 Oct 2020 21:17

Instrument :

MSVOA\_X

ClientSampleId :

FIELD-BLANK

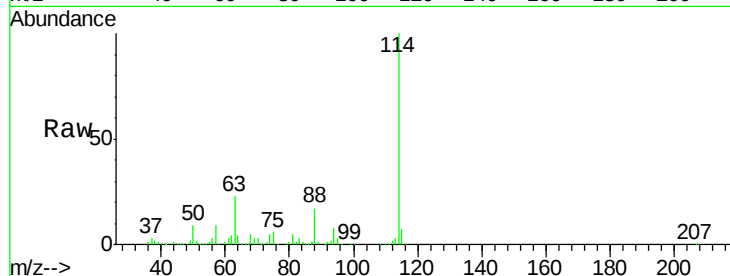
Tot Ion:114 Resp: 384070

Ion Ratio Lower Upper

114 100

63 22.9 0.0 42.4

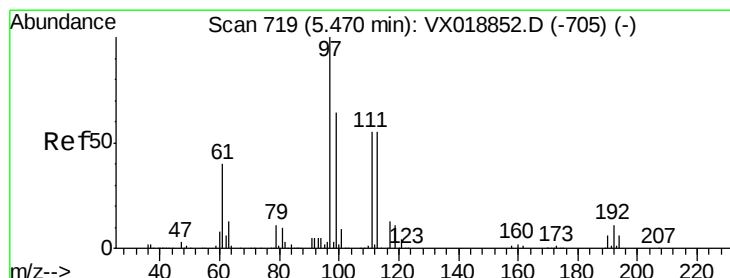
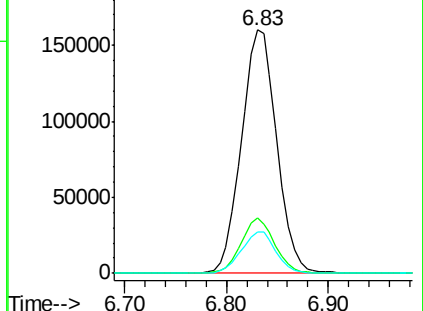
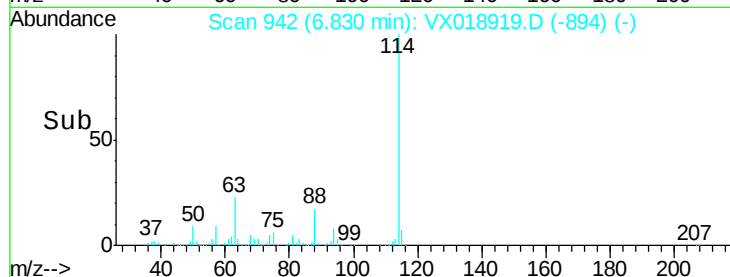
88 16.9 0.0 32.6



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: 52.718 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018919.D

Acq: 12 Oct 2020 21:17

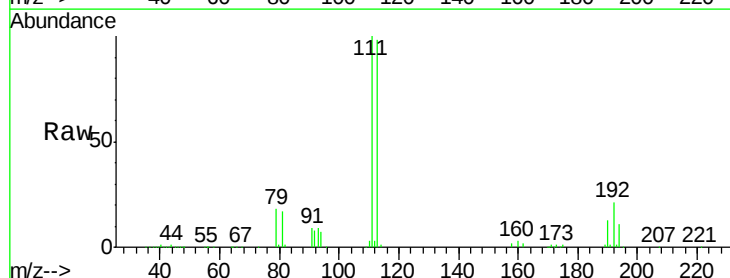
Tgt Ion:113 Resp: 144296

Ion Ratio Lower Upper

113 100

111 103.6 80.1 120.1

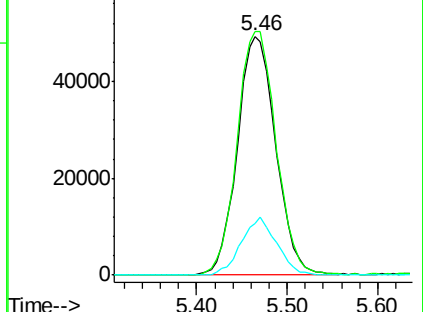
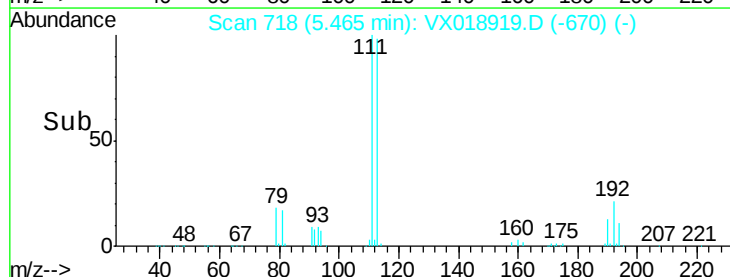
192 22.4 16.0 24.0

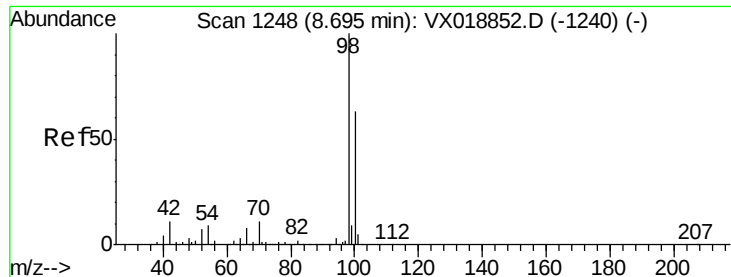


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.026 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018919.D

Acq: 12 Oct 2020 21:17

Instrument :

MSVOA\_X

ClientSampleId :

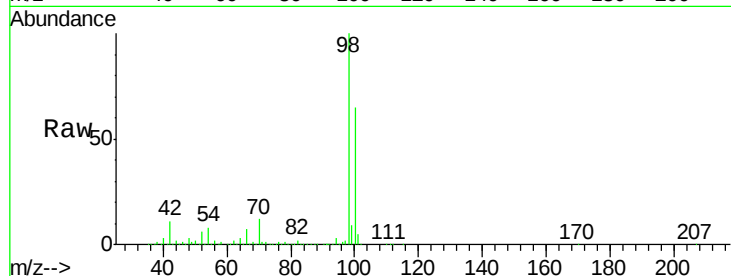
FIELD-BLANK

Tot Ion: 98 Resp: 493959

Ion Ratio Lower Upper

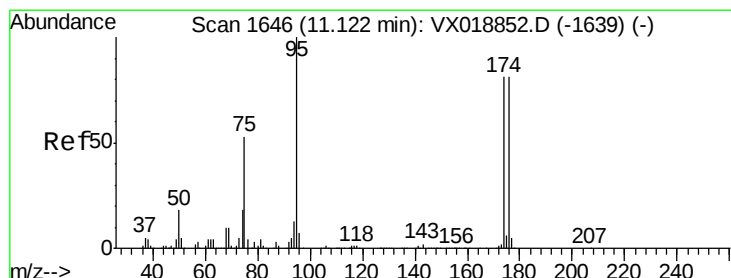
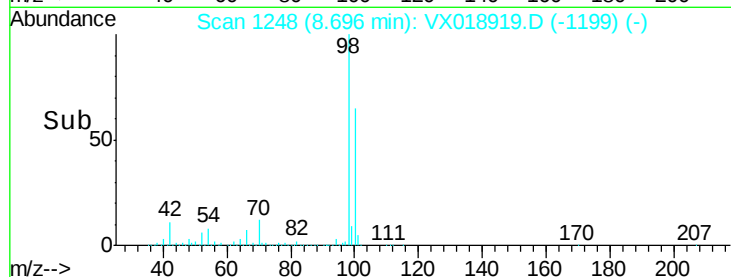
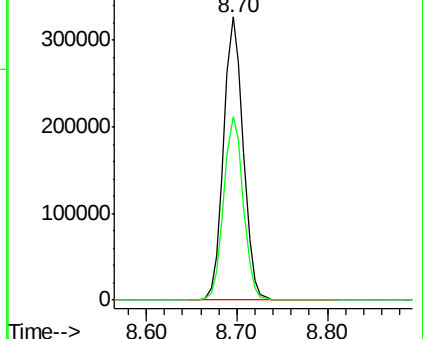
98 100

100 64.7 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 47.163 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018919.D

Acq: 12 Oct 2020 21:17

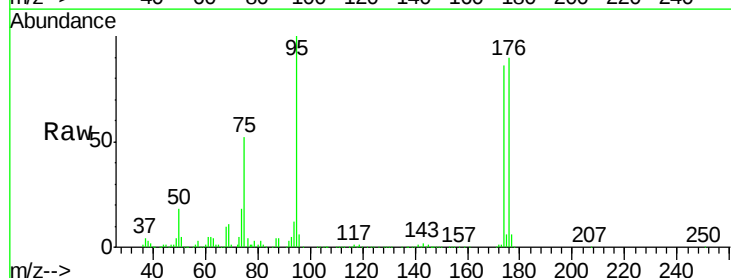
Tgt Ion: 95 Resp: 178468

Ion Ratio Lower Upper

95 100

174 90.3 0.0 160.0

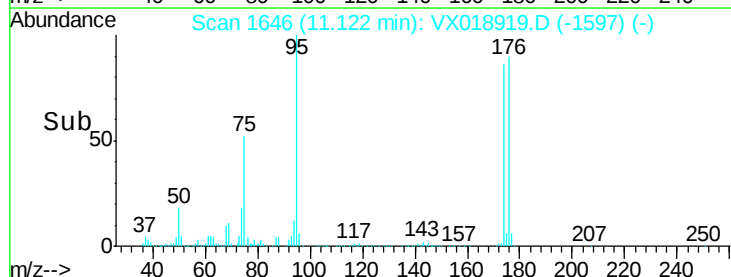
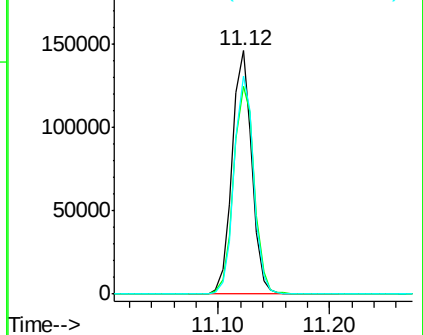
176 89.4 0.0 161.2

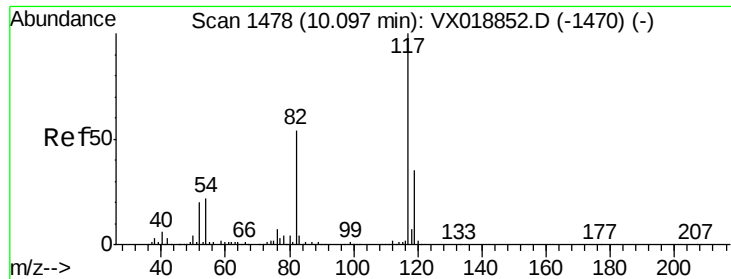


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

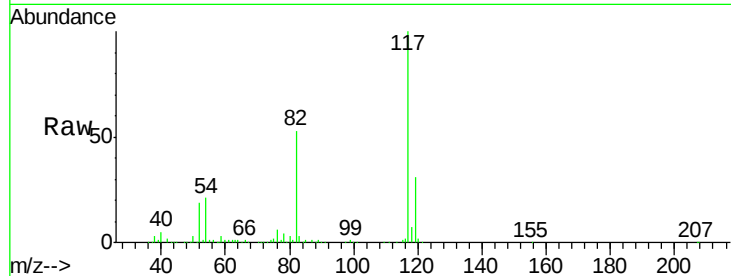




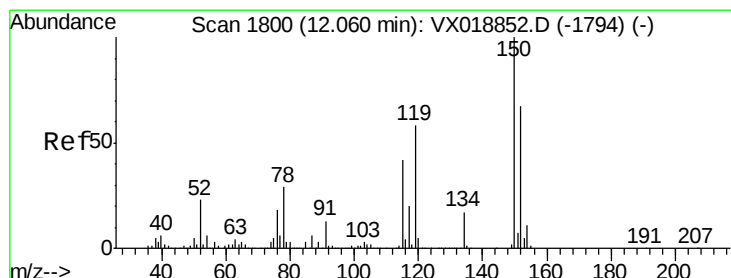
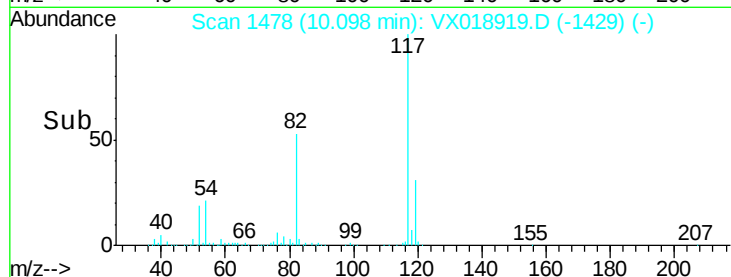
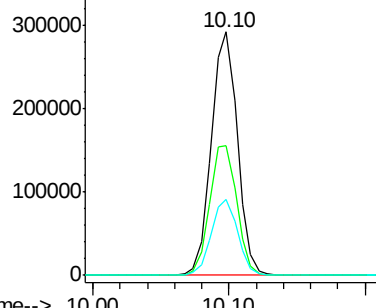
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. 0.00 min  
Lab File: VX018919.D  
Acq: 12 Oct 2020 21:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
FIELD-BLANK

Tot Ion:117 Resp: 390672  
Ion Ratio Lower Upper  
117 100  
82 53.4 43.4 65.2  
119 31.2 28.3 42.5

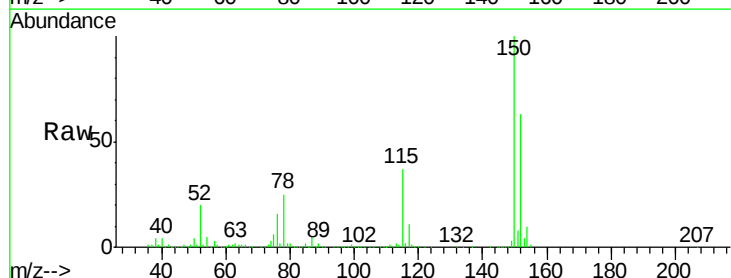


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.06 min Scan# 1800  
Delta R.T. 0.00 min  
Lab File: VX018919.D  
Acq: 12 Oct 2020 21:17

Tgt Ion:152 Resp: 197706  
Ion Ratio Lower Upper  
152 100  
115 57.8 41.8 125.4  
150 156.5 0.0 347.6



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

