

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102720\  
 Data File : VX019151.D  
 Acq On : 27 Oct 2020 20:55  
 Operator : JC/MD  
 Sample : L4532-01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 IB1-TREATED-EFFLU

Quant Time: Oct 28 03:02:16 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X102720W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 27 13:55:07 2020  
 Response via : Initial Calibration

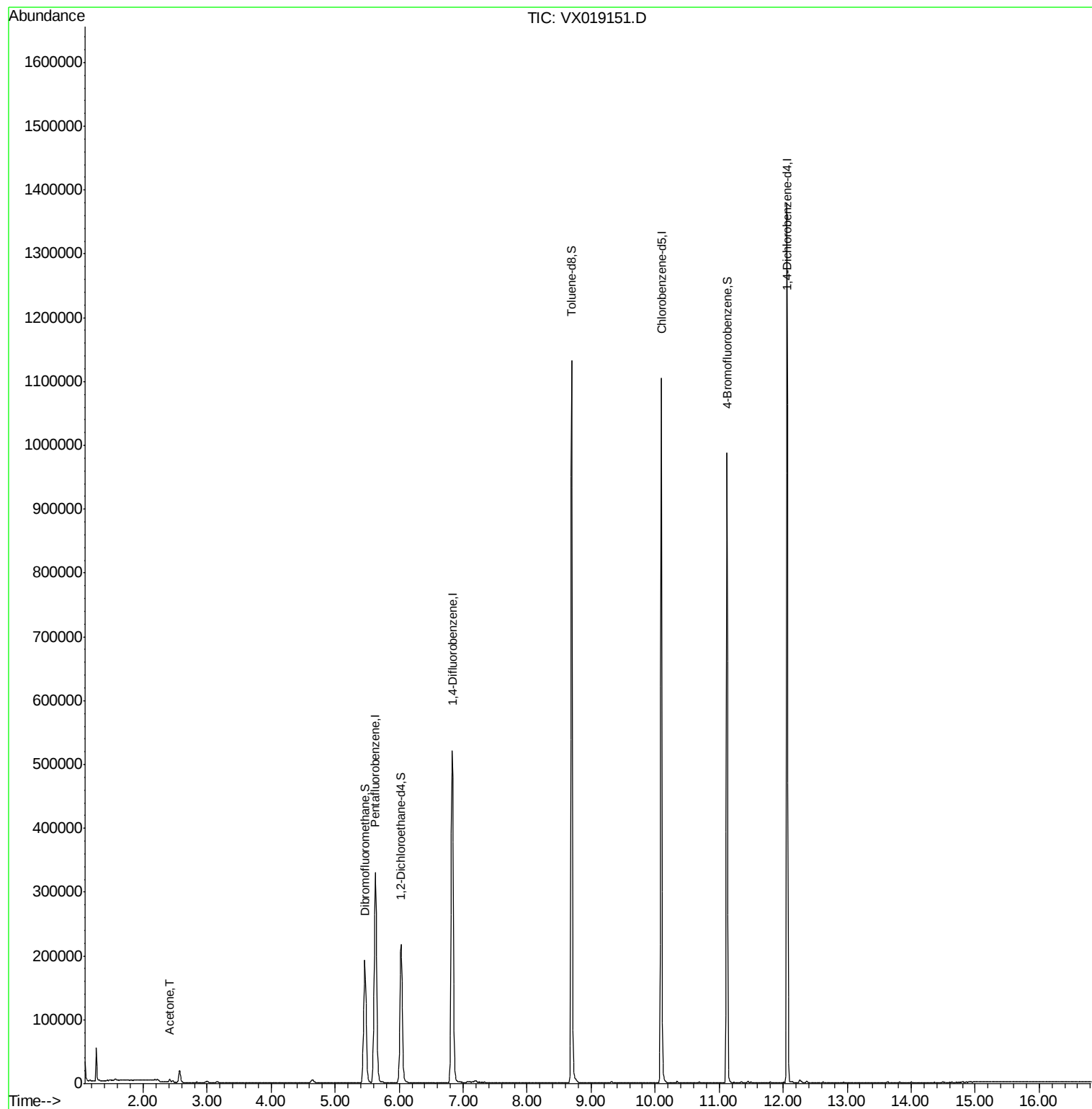
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|---------|-----------|
| 1) Pentafluorobenzene       | 5.63  | 168  | 310487   | 50.00 | ug/l    | 0.00      |
| 34) 1,4-Difluorobenzene     | 6.83  | 114  | 539952   | 50.00 | ug/l    | 0.00      |
| 63) Chlorobenzene-d5        | 10.10 | 117  | 519865   | 50.00 | ug/l    | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 12.06 | 152  | 268781   | 50.00 | ug/l    | 0.00      |
| System Monitoring Compounds |       |      |          |       |         |           |
| 33) 1,2-Dichloroethane-d4   | 6.03  | 65   | 207525   | 51.83 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 103.66% |           |
| 35) Dibromofluoromethane    | 5.46  | 113  | 167321   | 49.33 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 98.66%  |           |
| 50) Toluene-d8              | 8.70  | 98   | 665763   | 52.07 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 104.14% |           |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 258275   | 53.34 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 106.68% |           |
| Target Compounds            |       |      |          |       |         |           |
| 16) Acetone                 | 2.42  | 43   | 4565     | 3.305 | ug/l    | Qvalue 90 |

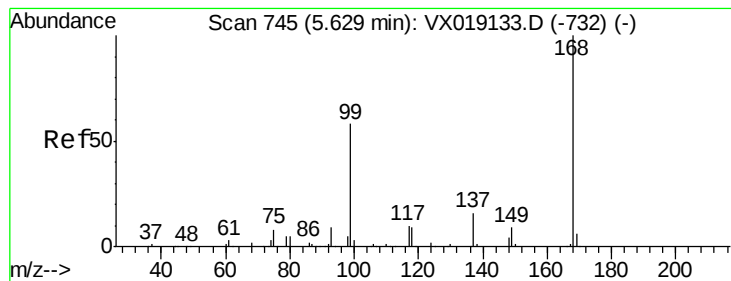
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Tue Oct 27 13:55:07 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: VX019151.D

Acq: 27 Oct 2020 20:55

Instrument :

MSVOA\_X

ClientSampleId :

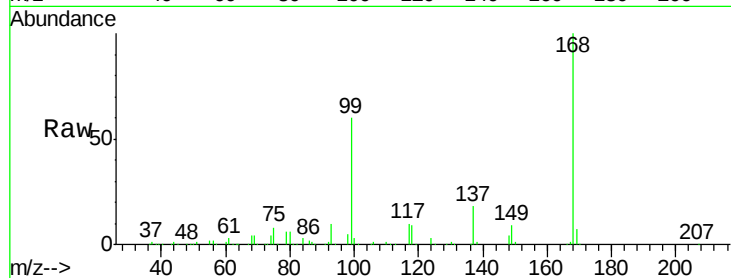
IB1-TREATED-EFFLU

Tot Ion:168 Resp: 310487

Ion Ratio Lower Upper

168 100

99 60.2 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

60000

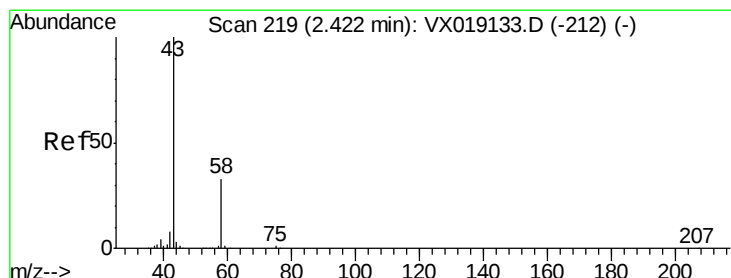
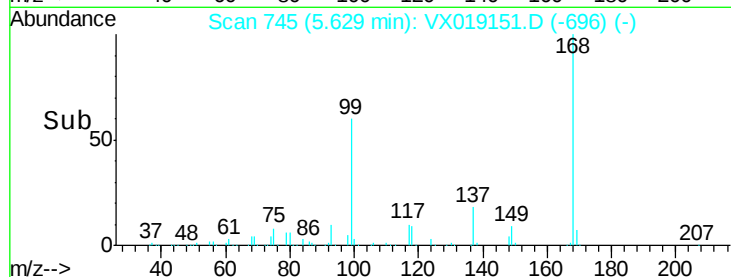
40000

20000

0

Time-->

5.50 5.60 5.70



#16

Acetone

Concen: 3.305 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019151.D

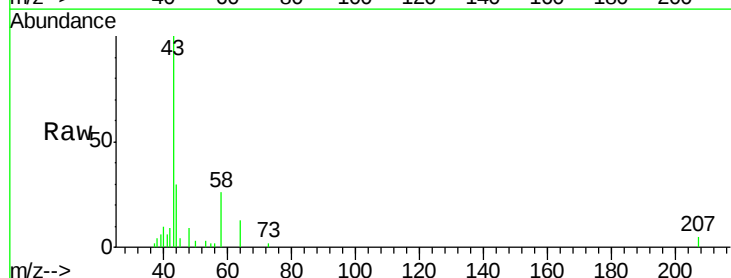
Acq: 27 Oct 2020 20:55

Tgt Ion: 43 Resp: 4565

Ion Ratio Lower Upper

43 100

58 27.1 26.3 39.5



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

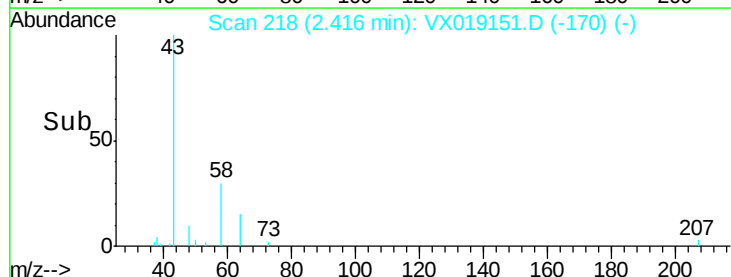
1000

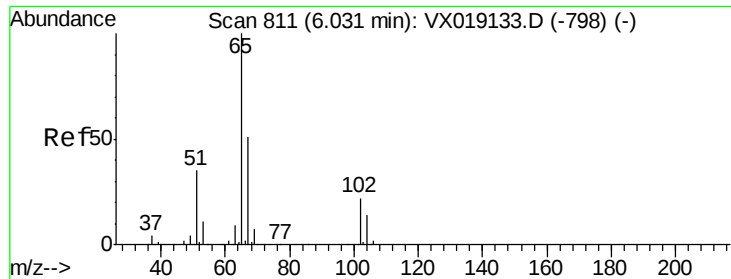
500

0

Time-->

2.30 2.35 2.40 2.45 2.50

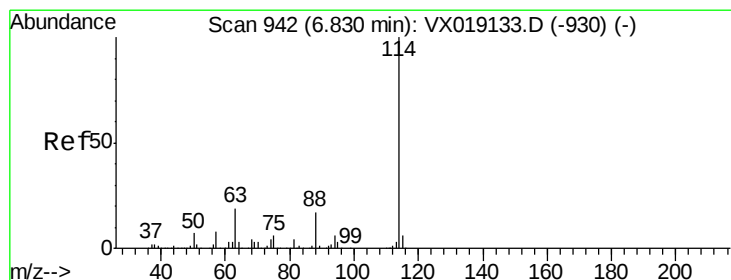
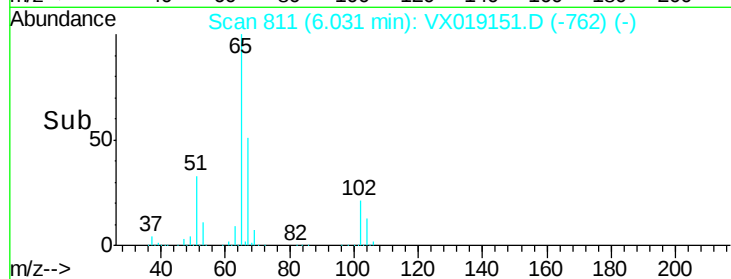
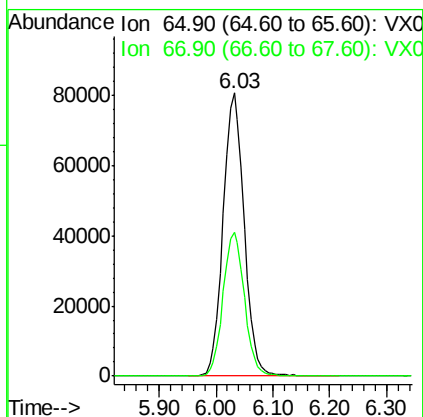
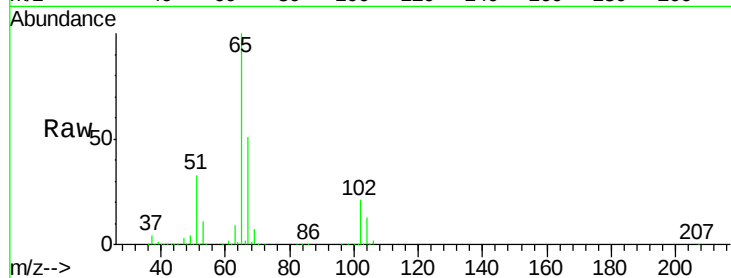




#33  
 1,2-Dichloroethane-d4  
 Concen: 51.828 ug/l  
 RT: 6.03 min Scan# 811  
 Delta R.T. -0.00 min  
 Lab File: VX019151.D  
 Acq: 27 Oct 2020 20:55

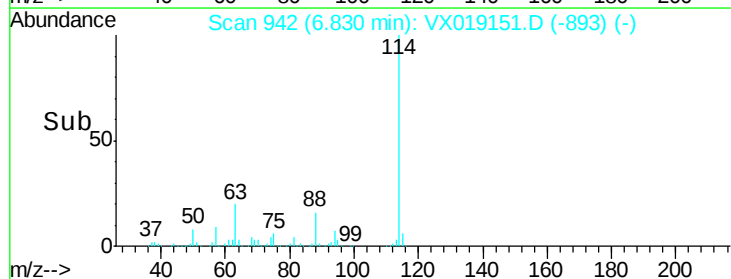
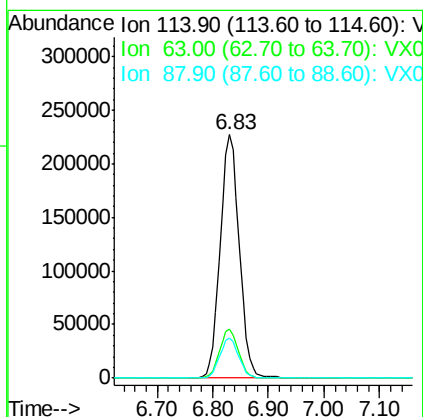
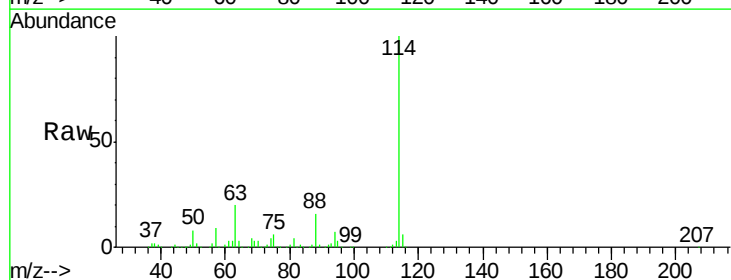
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 IB1-TREATED-EFFLU

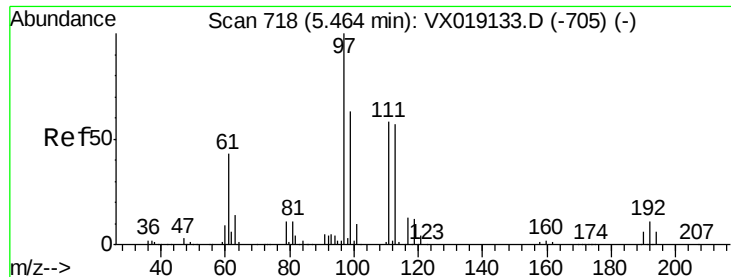
Tot Ion: 65 Resp: 207525  
 Ion Ratio Lower Upper  
 65 100  
 67 51.4 0.0 103.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.83 min Scan# 942  
 Delta R.T. -0.00 min  
 Lab File: VX019151.D  
 Acq: 27 Oct 2020 20:55

Tgt Ion: 114 Resp: 539952  
 Ion Ratio Lower Upper  
 114 100  
 63 20.3 0.0 38.8  
 88 16.3 0.0 34.2





#35

Dibromofluoromethane

Concen: 49.333 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019151.D

Acq: 27 Oct 2020 20:55

Instrument :

MSVOA\_X

ClientSampleId :

IB1-TREATED-EFFLU

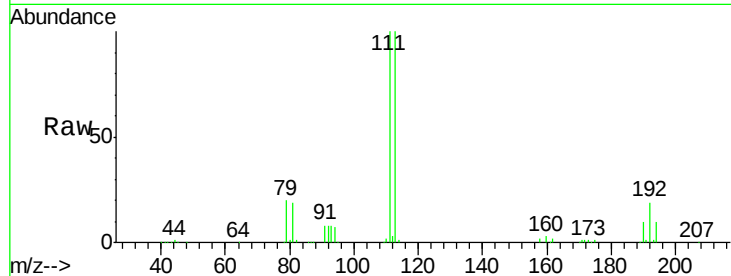
Tot Ion:113 Resp: 167321

Ion Ratio Lower Upper

113 100

111 101.9 82.3 123.5

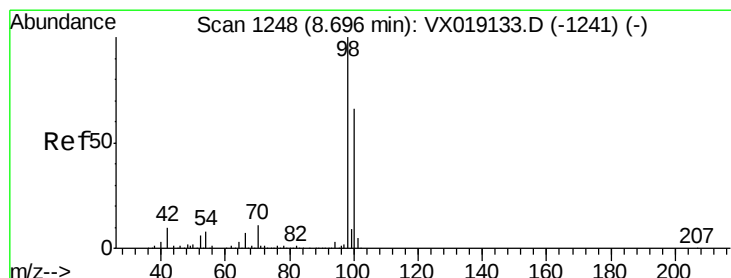
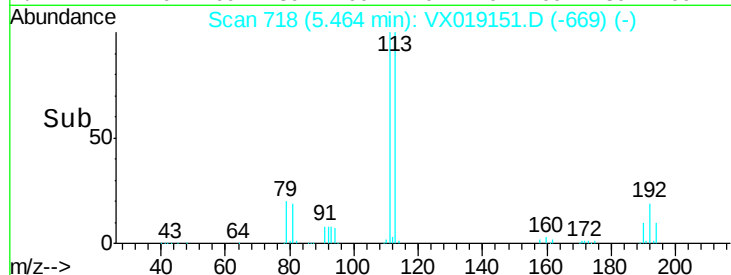
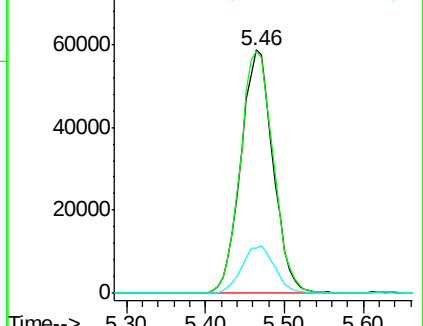
192 19.8 16.2 24.2



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



#50

Toluene-d8

Concen: 52.073 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019151.D

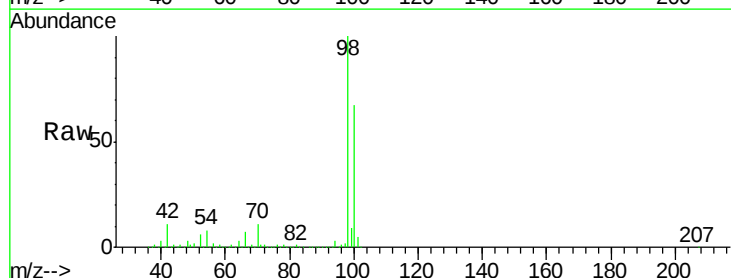
Acq: 27 Oct 2020 20:55

Tgt Ion: 98 Resp: 665763

Ion Ratio Lower Upper

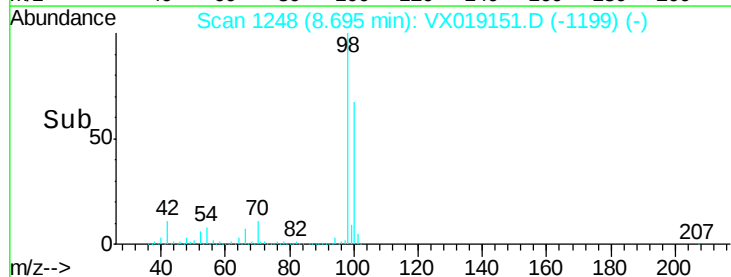
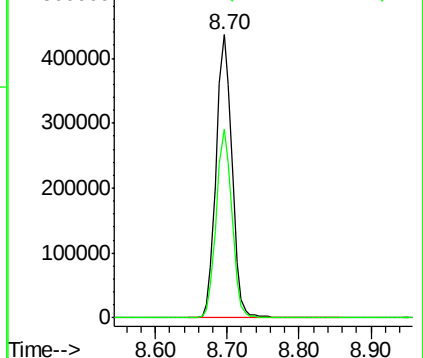
98 100

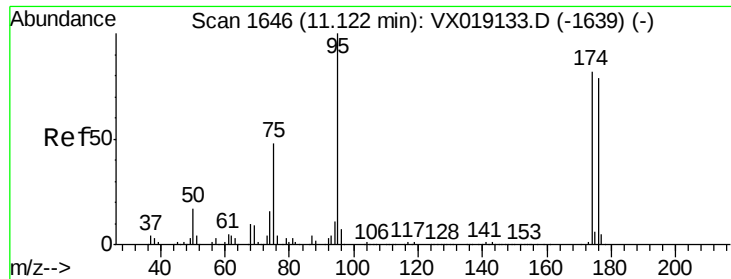
100 66.0 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

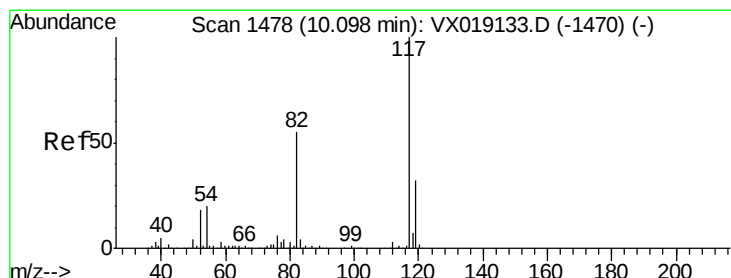
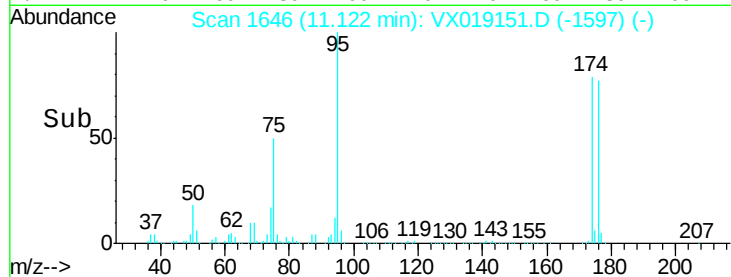
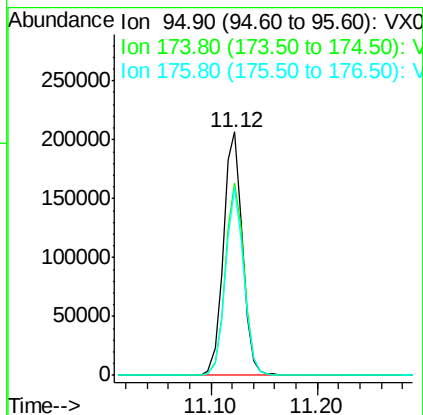
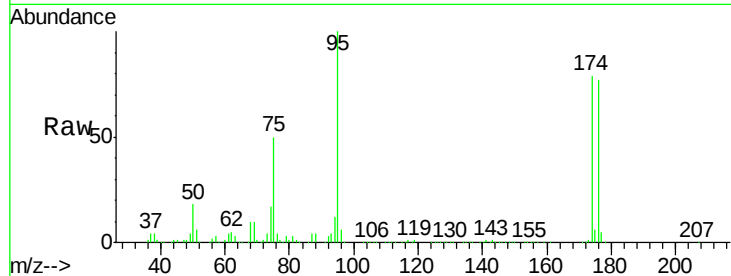




#62  
4-Bromofluorobenzene  
Concen: 53.342 ug/l  
RT: 11.12 min Scan# 1646  
Delta R.T. -0.00 min  
Lab File: VX019151.D  
Acq: 27 Oct 2020 20:55

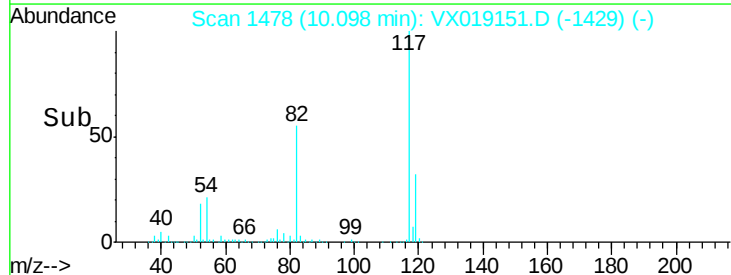
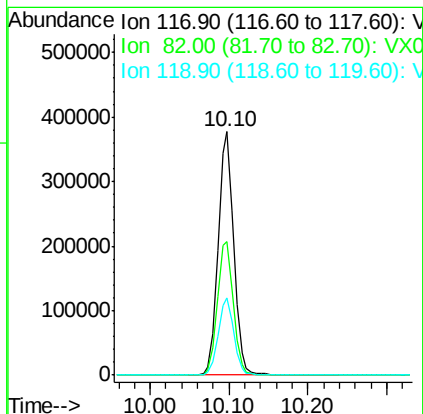
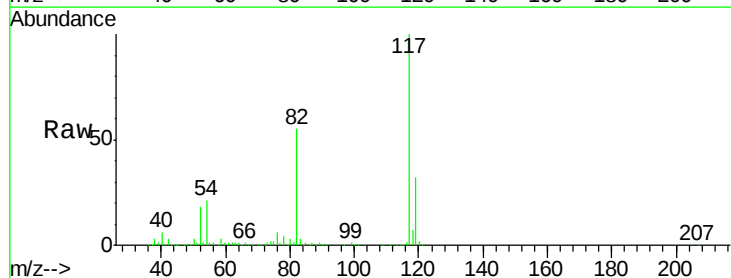
Instrument :  
MSVOA\_X  
ClientSampleId :  
IB1-TREATED-EFFLU

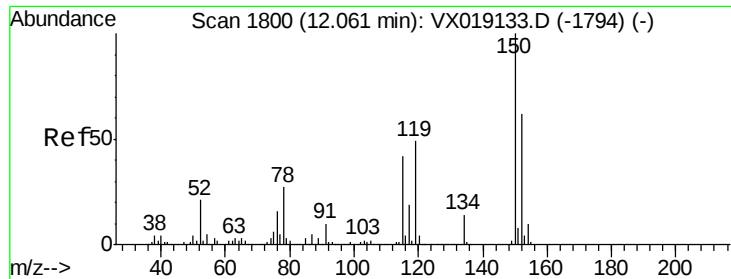
Tot Ion: 95 Resp: 258275  
Ion Ratio Lower Upper  
95 100  
174 78.7 0.0 156.0  
176 74.8 0.0 149.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. -0.00 min  
Lab File: VX019151.D  
Acq: 27 Oct 2020 20:55

Tgt Ion: 117 Resp: 519865  
Ion Ratio Lower Upper  
117 100  
82 54.9 43.6 65.4  
119 31.9 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019151.D

Acq: 27 Oct 2020 20:55

Instrument :

MSVOA\_X

ClientSampleId :

IB1-TREATED-EFFLU

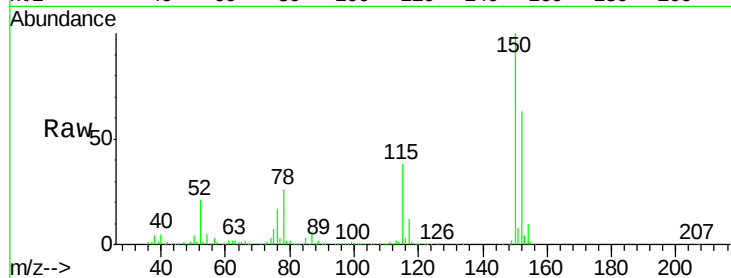
Tot Ion:152 Resp: 268781

Ion Ratio Lower Upper

152 100

115 60.0 41.9 125.7

150 157.3 0.0 347.8



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

