

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120419\  
 Data File : VX013760.D  
 Acq On : 04 Dec 2019 19:23  
 Operator : JC/SP  
 Sample : K6098-06  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 OWL-C7-GW

Quant Time: Dec 05 04:29:02 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X112619W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 26 15:53:00 2019  
 Response via : Initial Calibration

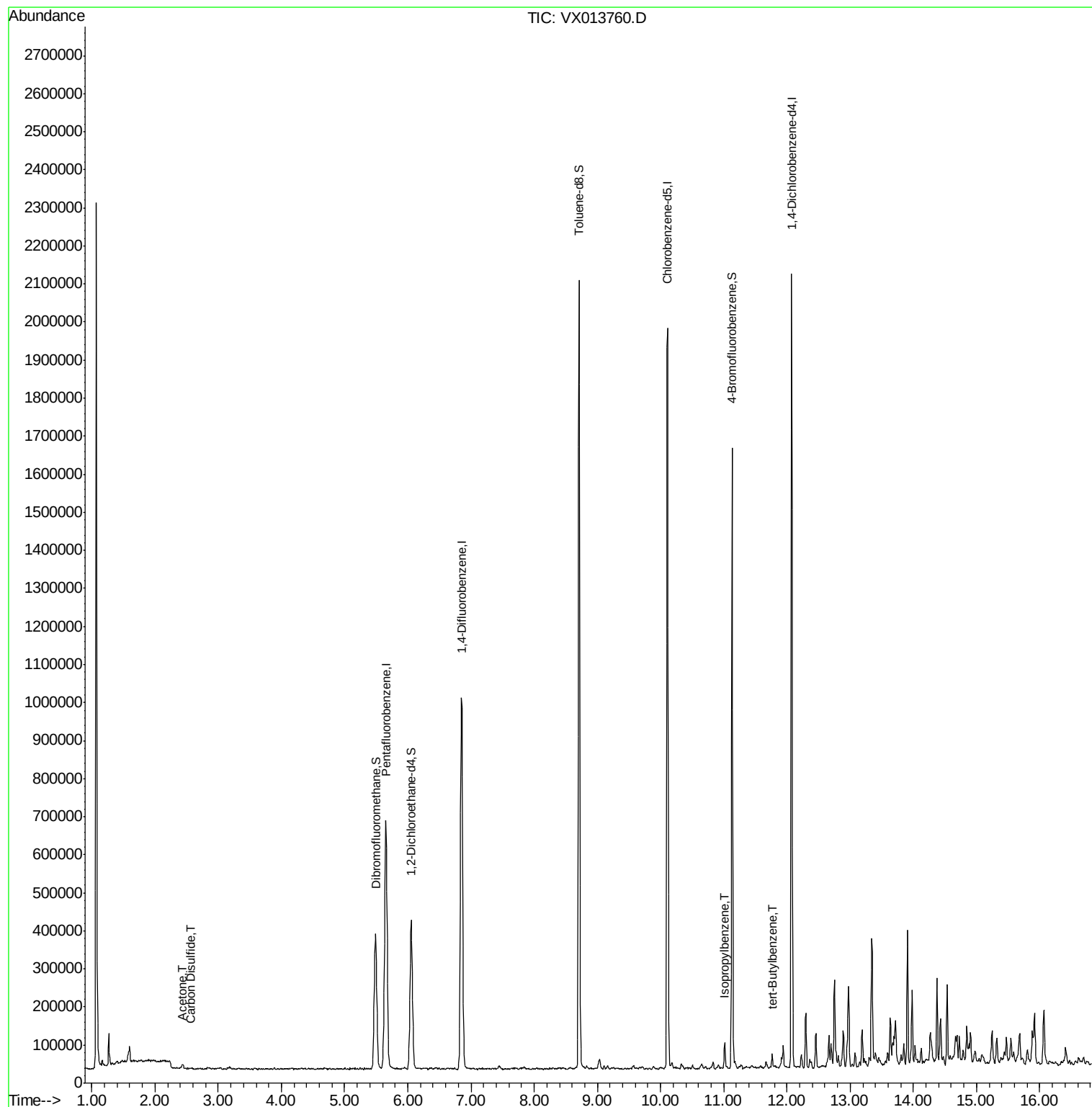
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) Pentafluorobenzene       | 5.65  | 168  | 691459   | 50.00 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.85  | 114  | 1035132  | 50.00 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.11 | 117  | 919229   | 50.00 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.07 | 152  | 436269   | 50.00 | ug/l   | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 33) 1,2-Dichloroethane-d4   | 6.05  | 65   | 368359   | 45.89 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 91.78% |          |
| 35) Dibromofluoromethane    | 5.49  | 113  | 312730   | 48.87 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 97.74% |          |
| 50) Toluene-d8              | 8.71  | 98   | 1216690  | 48.80 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 97.60% |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 427625   | 47.56 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 95.12% |          |
| Target Compounds            |       |      |          |       |        |          |
| 16) Acetone                 | 2.43  | 43   | 12110    | 3.056 | ug/l # | 82       |
| 17) Carbon Disulfide        | 2.56  | 76   | 4978     | 0.265 | ug/l   | 99       |
| 73) Isopropylbenzene        | 11.01 | 105  | 37666    | 1.231 | ug/l   | 95       |
| 83) tert-Butylbenzene       | 11.76 | 119  | 16709    | 0.656 | ug/l   | 98       |

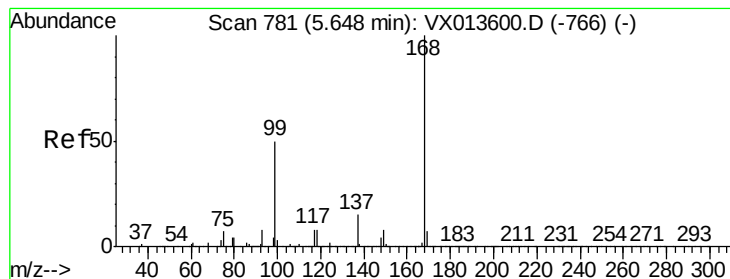
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X112619W.M  
Quant Title : SW846 8260  
QLast Update : Tue Nov 26 15:53:00 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013760.D

Acq: 04 Dec 2019 19:23

Instrument :

MSVOA\_X

ClientSampleId :

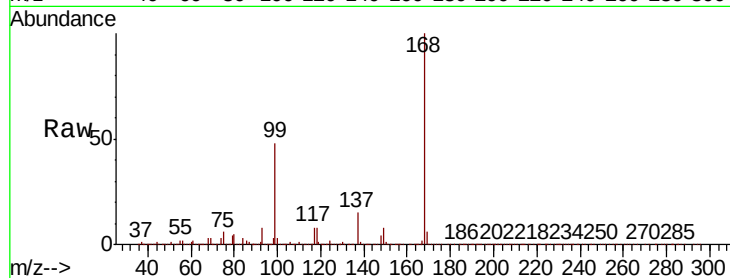
OWL-C7-GW

Tot Ion:168 Resp: 691459

Ion Ratio Lower Upper

168 100

99 48.1 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

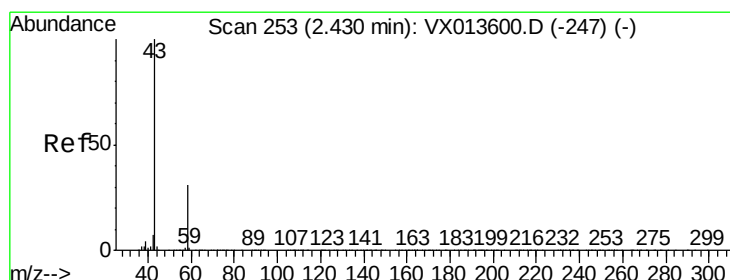
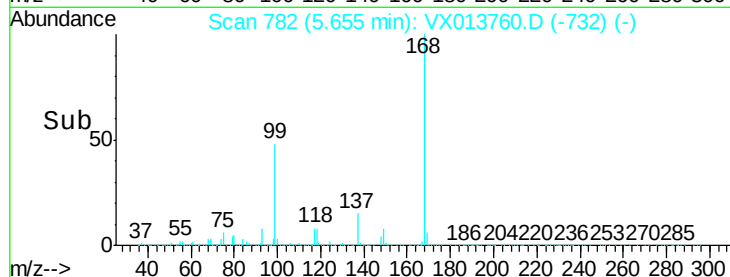
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 3.056 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013760.D

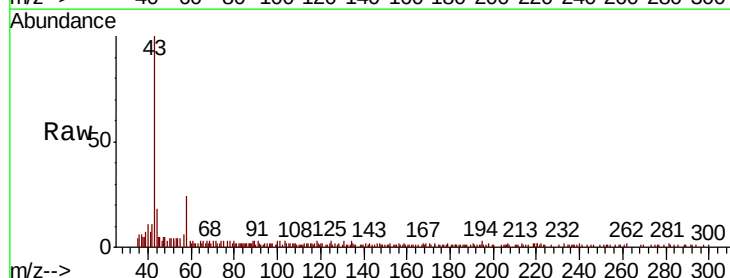
Acq: 04 Dec 2019 19:23

Tgt Ion: 43 Resp: 12110

Ion Ratio Lower Upper

43 100

58 20.8 24.6 36.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

8000

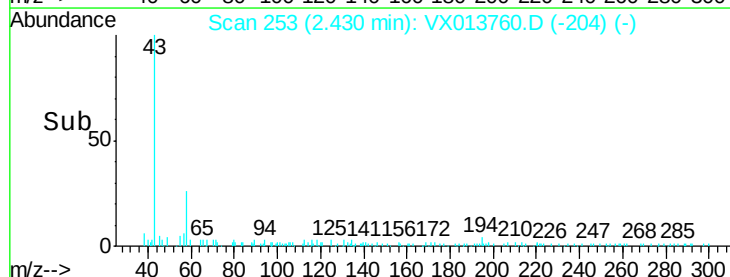
6000

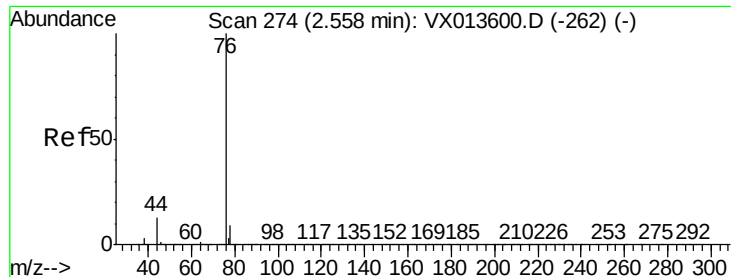
4000

2000

0

Time-->





#17

Carbon Disulfide

Concen: 0.265 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013760.D

Acq: 04 Dec 2019 19:23

Instrument :

MSVOA\_X

ClientSampleId :

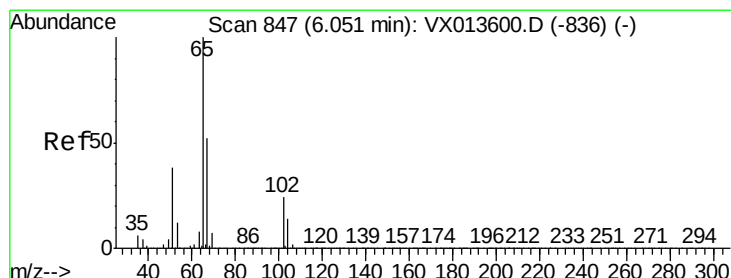
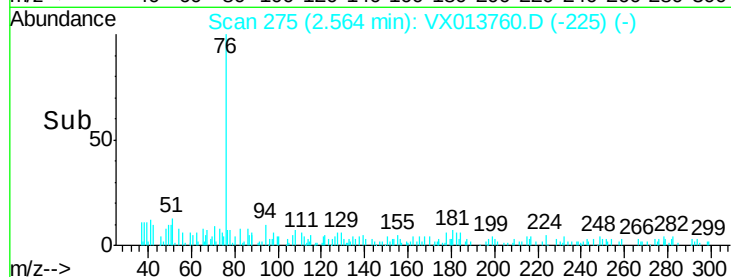
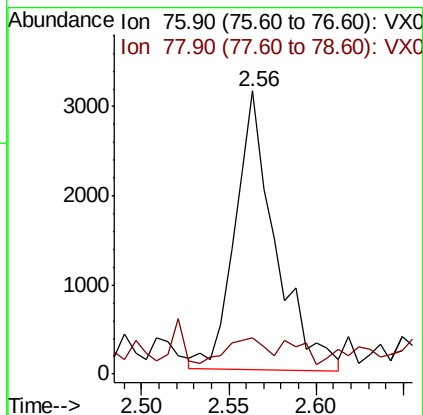
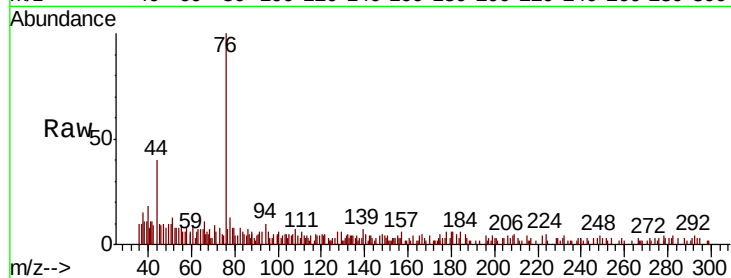
OWL-C7-GW

Tot Ion: 76 Resp: 4978

Ion Ratio Lower Upper

76 100

78 8.5 7.2 10.8



#33

1,2-Dichloroethane-d4

Concen: 45.894 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013760.D

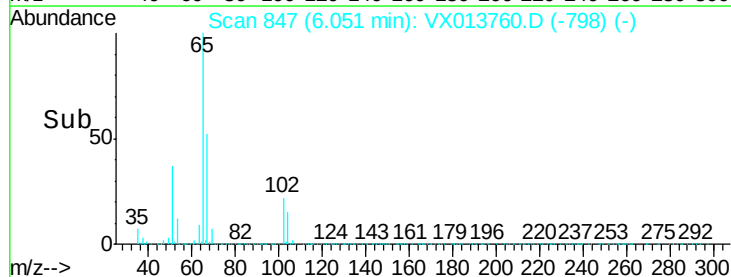
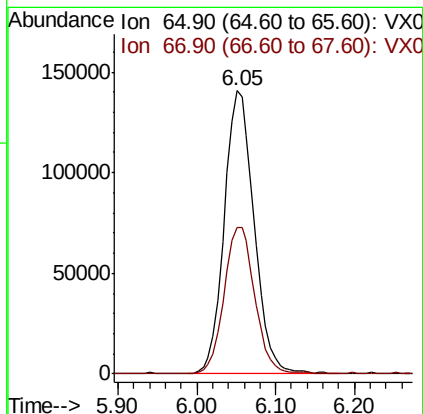
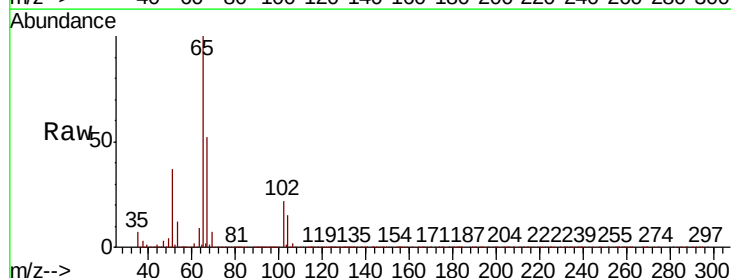
Acq: 04 Dec 2019 19:23

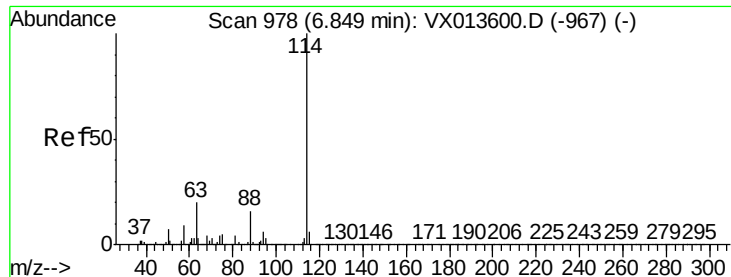
Tgt Ion: 65 Resp: 368359

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013760.D

Acq: 04 Dec 2019 19:23

Instrument :

MSVOA\_X

ClientSampleId :

OWL-C7-GW

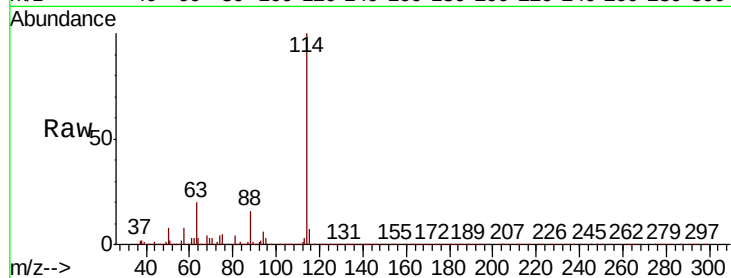
Tot Ion:114 Resp: 1035132

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.6

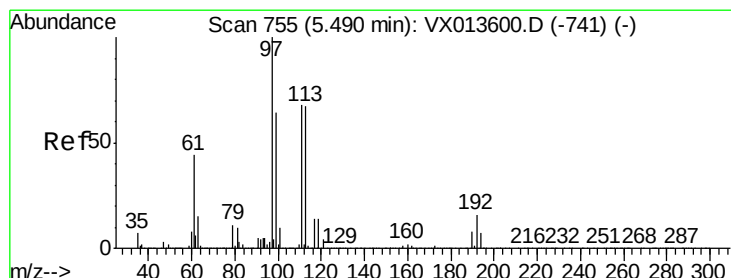
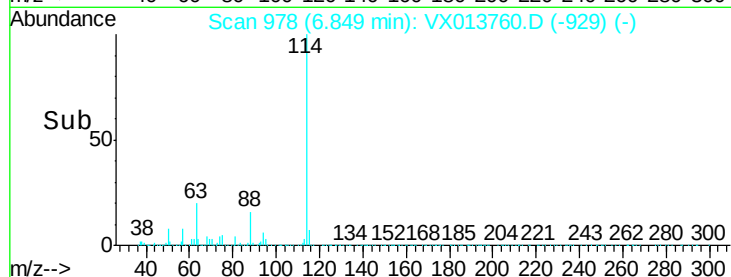
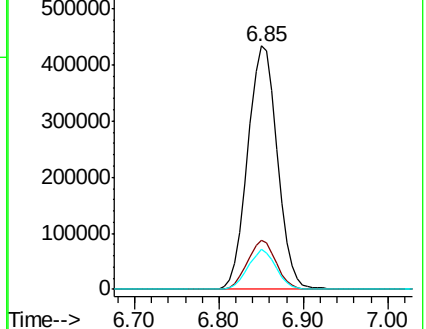
88 16.2 0.0 31.4



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: 48.869 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013760.D

Acq: 04 Dec 2019 19:23

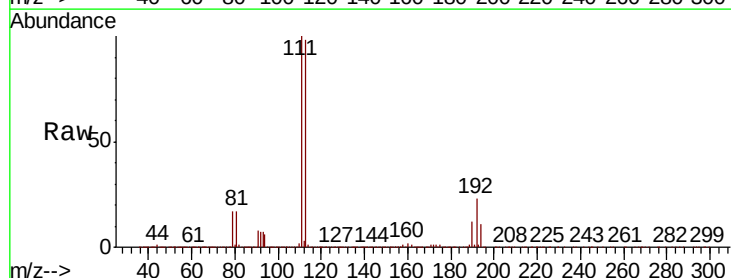
Tgt Ion:113 Resp: 312730

Ion Ratio Lower Upper

113 100

111 100.1 83.6 125.4

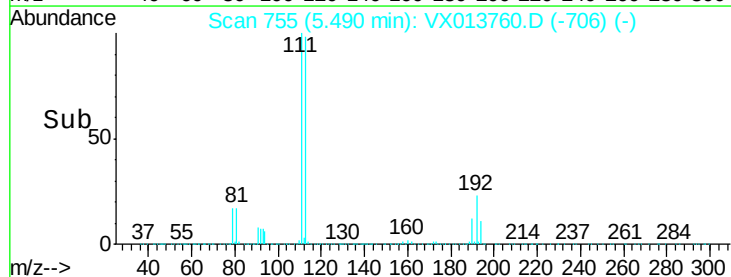
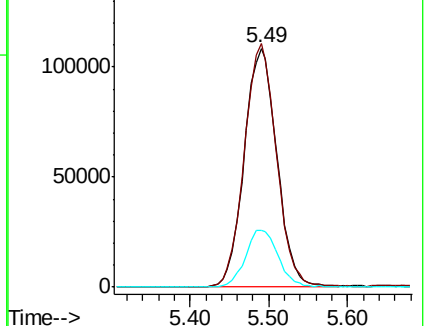
192 23.6 19.2 28.8

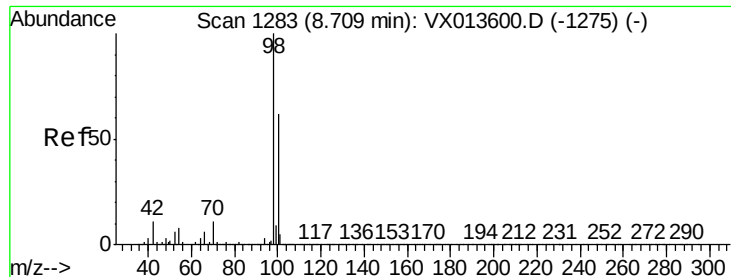


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

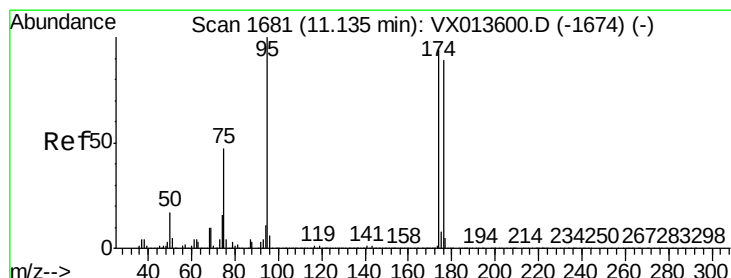
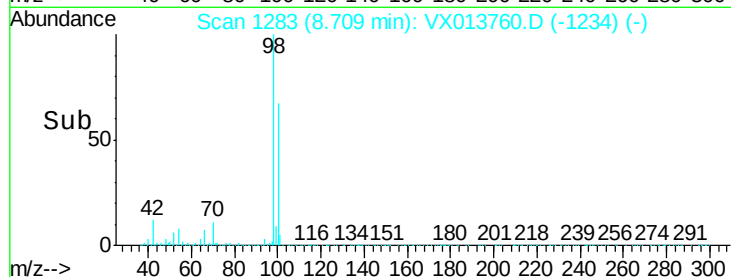
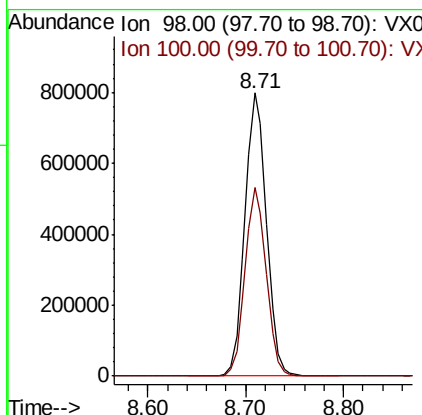
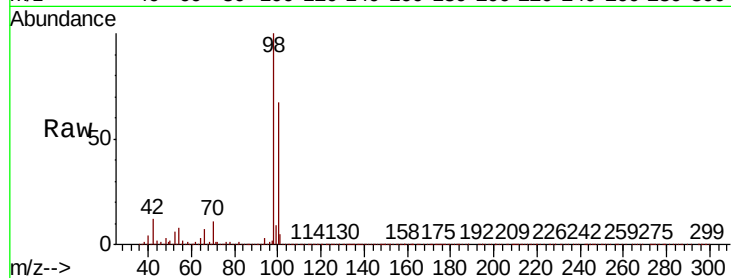




#50  
Toluene-d8  
Concen: 48.799 ug/l  
RT: 8.71 min Scan# 1283  
Delta R.T. 0.00 min  
Lab File: VX013760.D  
Acq: 04 Dec 2019 19:23

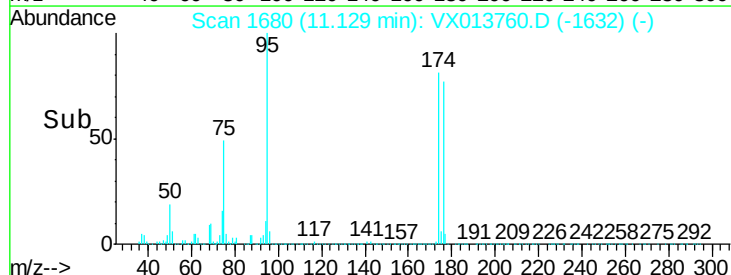
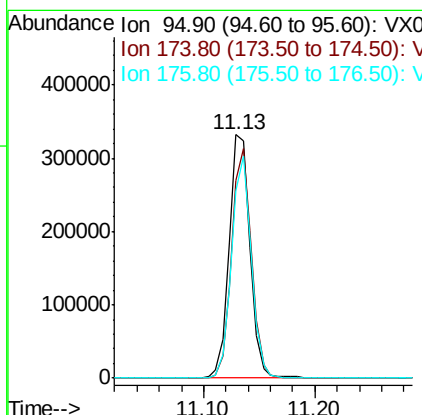
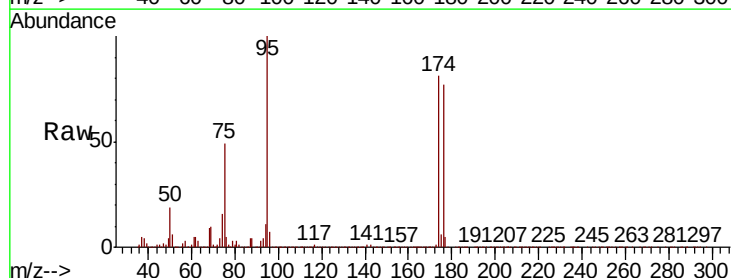
Instrument :  
MSVOA\_X  
ClientSampleId :  
OWL-C7-GW

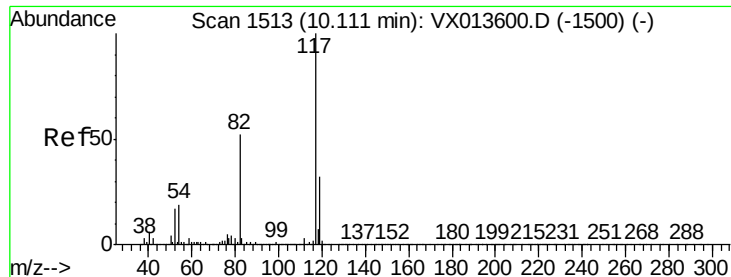
Tot Ion: 98 Resp: 1216690  
Ion Ratio Lower Upper  
98 100  
100 65.9 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 47.563 ug/l  
RT: 11.13 min Scan# 1680  
Delta R.T. -0.01 min  
Lab File: VX013760.D  
Acq: 04 Dec 2019 19:23

Tgt Ion: 95 Resp: 427625  
Ion Ratio Lower Upper  
95 100  
174 90.1 0.0 180.0  
176 86.8 0.0 173.6

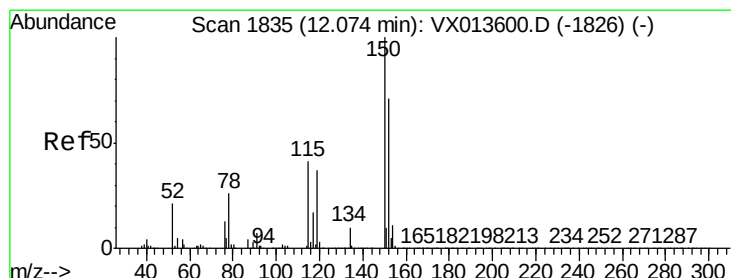
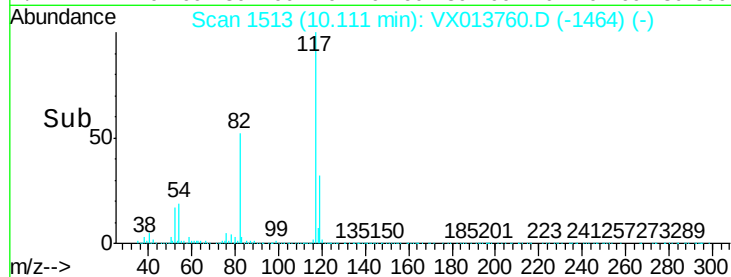
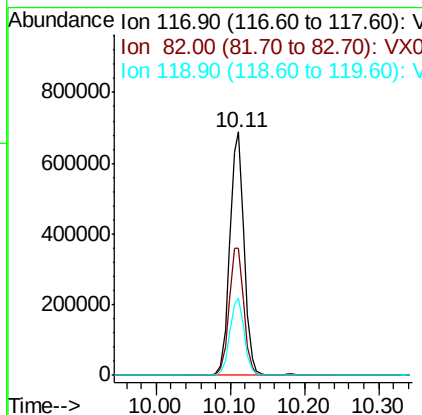
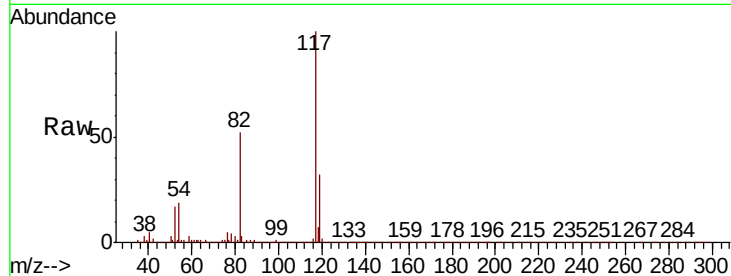




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1513  
Delta R.T. 0.00 min  
Lab File: VX013760.D  
Acq: 04 Dec 2019 19:23

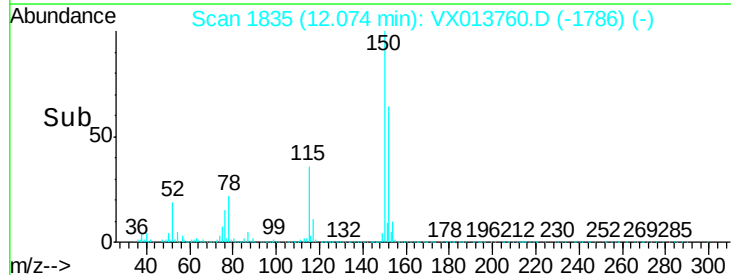
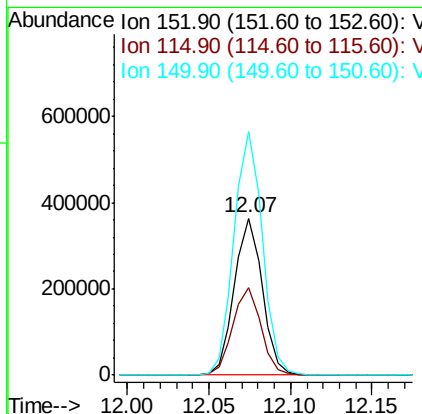
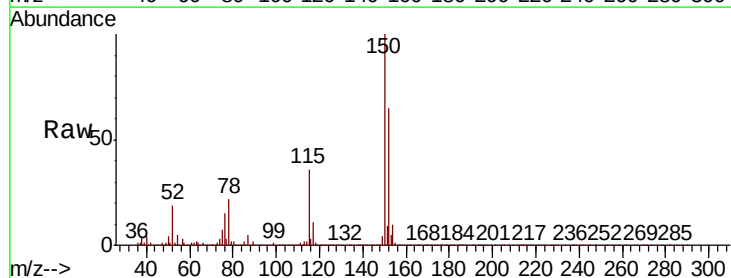
Instrument :  
MSVOA\_X  
ClientSampleId :  
OWL-C7-GW

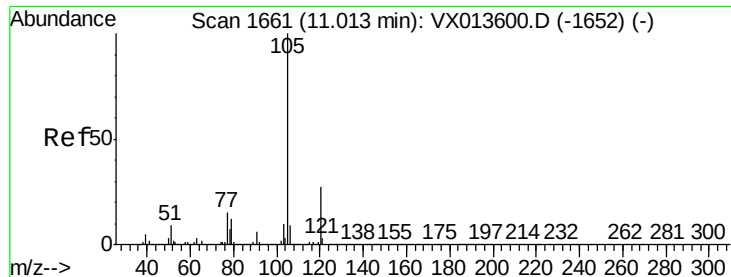
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 52.2  | 41.8  | 62.8  |
| 119     | 31.6  | 25.8  | 38.8  |



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.07 min Scan# 1835  
Delta R.T. 0.00 min  
Lab File: VX013760.D  
Acq: 04 Dec 2019 19:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 55.7  | 38.4  | 115.1 |
| 150     | 157.1 | 0.0   | 346.8 |





#73

Isopropylbenzene

Concen: 1.231 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013760.D

Acq: 04 Dec 2019 19:23

Instrument :

MSVOA\_X

ClientSampleId :

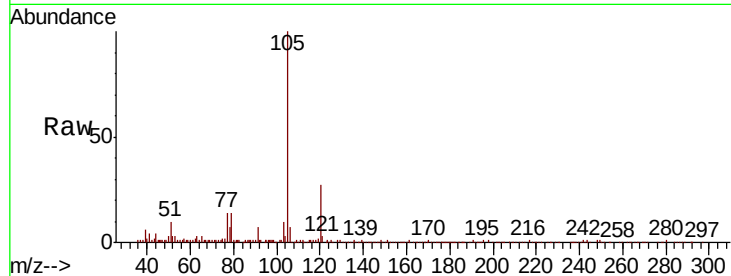
OWL-C7-GW

Tot Ion:105 Resp: 37666

Ion Ratio Lower Upper

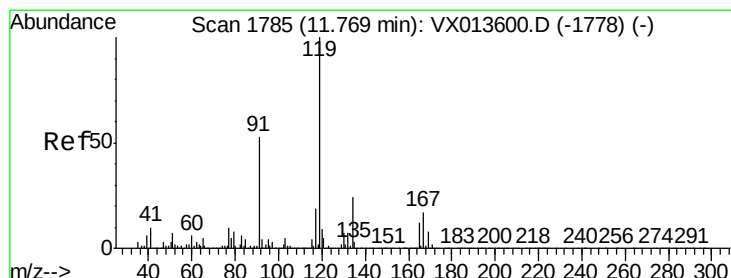
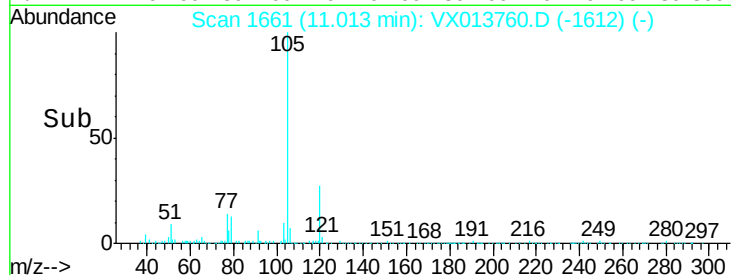
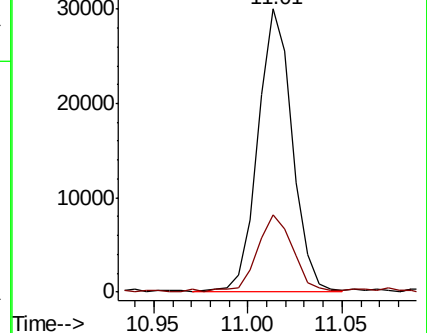
105 100

120 29.4 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#83

tert-Butylbenzene

Concen: 0.656 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX013760.D

Acq: 04 Dec 2019 19:23

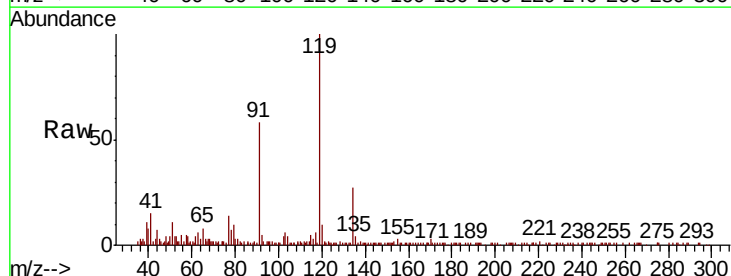
Tgt Ion:119 Resp: 16709

Ion Ratio Lower Upper

119 100

91 54.9 27.2 81.6

134 26.3 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V

