

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122820\  
 Data File : VX020419.D  
 Acq On : 28 Dec 2020 17:44  
 Operator : JC/MD  
 Sample : L5227-06  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Dec 29 00:42:11 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X121820W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Dec 18 13:09:49 2020  
 Response via : Initial Calibration

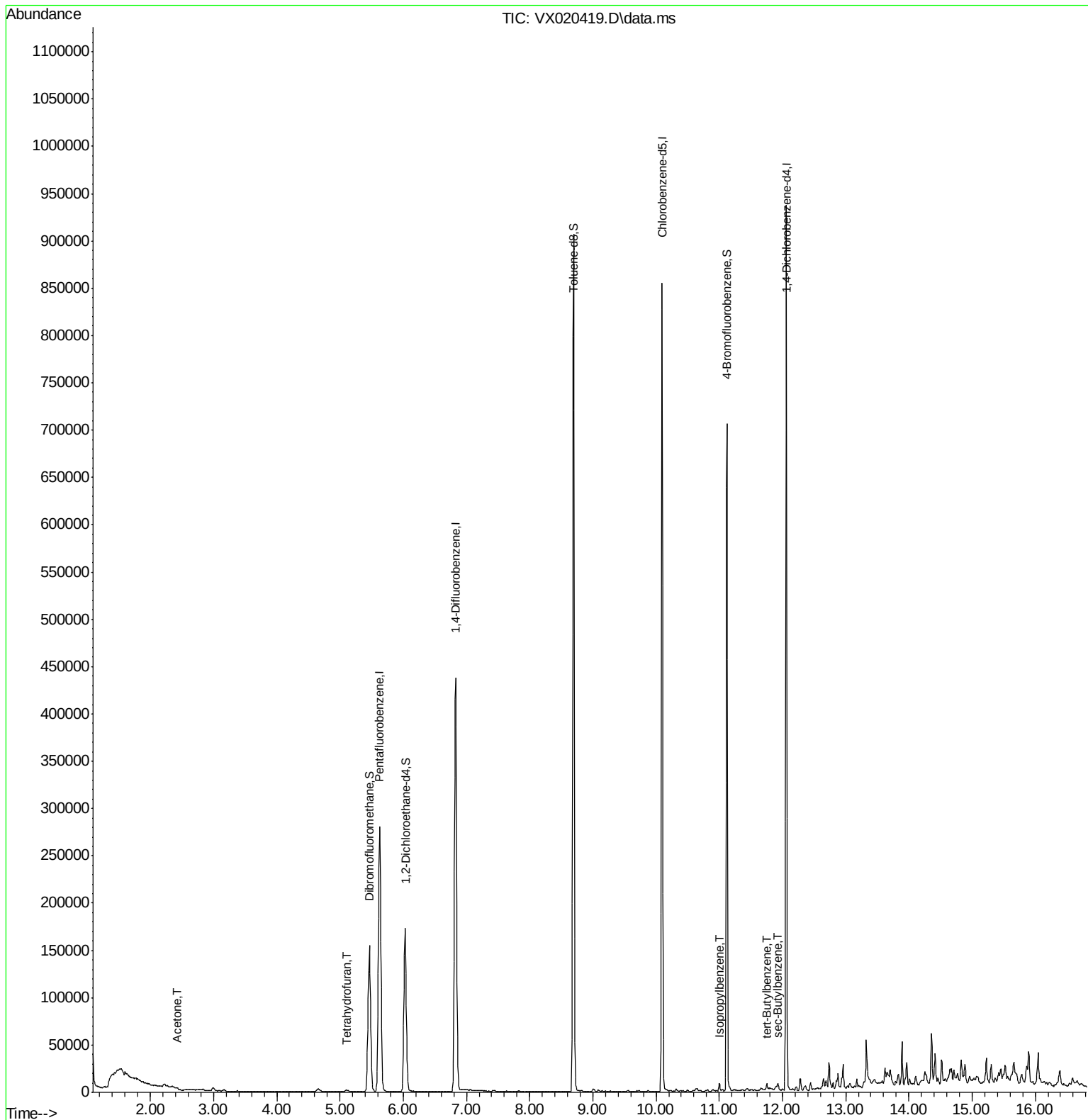
| Compound                    | R.T.   | QIon           | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|----------------|----------|-------|--------|----------|
| -----                       |        |                |          |       |        |          |
| Internal Standards          |        |                |          |       |        |          |
| 1) Pentafluorobenzene       | 5.629  | 168            | 271222   | 50.00 | ug/l   | 0.01     |
| 34) 1,4-Difluorobenzene     | 6.830  | 114            | 444588   | 50.00 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.098 | 117            | 404918   | 50.00 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.061 | 152            | 190230   | 50.00 | ug/l   | 0.00     |
| System Monitoring Compounds |        |                |          |       |        |          |
| 33) 1,2-Dichloroethane-d4   | 6.031  | 65             | 164842   | 45.34 | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range 61 - 141 | Recovery | =     | 90.68% |          |
| 35) Dibromofluoromethane    | 5.464  | 113            | 136217   | 47.90 | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range 69 - 133 | Recovery | =     | 95.80% |          |
| 50) Toluene-d8              | 8.696  | 98             | 538832   | 49.22 | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range 65 - 126 | Recovery | =     | 98.44% |          |
| 62) 4-Bromofluorobenzene    | 11.122 | 95             | 202248   | 48.27 | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range 58 - 135 | Recovery | =     | 96.54% |          |
| Target Compounds            |        |                |          |       |        |          |
| 16) Acetone                 | 2.422  | 43             | 2058     | 1.24  | ug/l   | 99       |
| 29) Tetrahydrofuran         | 5.111  | 42             | 1527     | 1.01  | ug/l # | 54       |
| 73) Isopropylbenzene        | 11.000 | 105            | 4257     | 0.31  | ug/l   | 100      |
| 83) tert-Butylbenzene       | 11.750 | 119            | 2574     | 0.23  | ug/l   | 77       |
| 85) sec-Butylbenzene        | 11.927 | 105            | 3424     | 0.27  | ug/l   | 78       |
| -----                       |        |                |          |       |        |          |

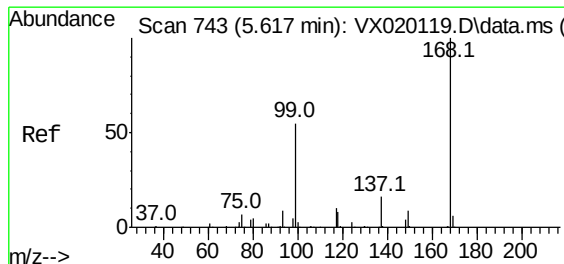
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\WX122820\  
Data File : VX020419.D  
Acq On : 28 Dec 2020 17:44  
Operator : JC/MD  
Sample : L5227-06  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Dec 29 00:42:11 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X121820W.M  
Quant Title : SW846 8260  
QLast Update : Fri Dec 18 13:09:49 2020  
Response via : Initial Calibration

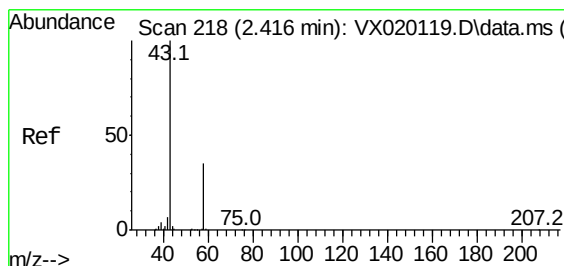
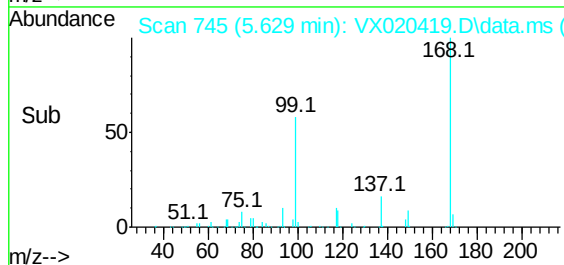
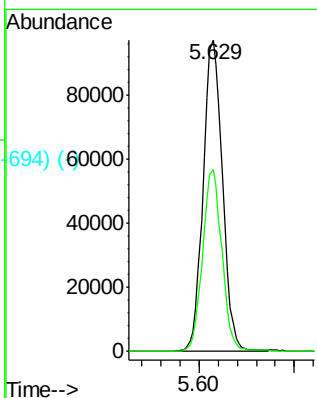
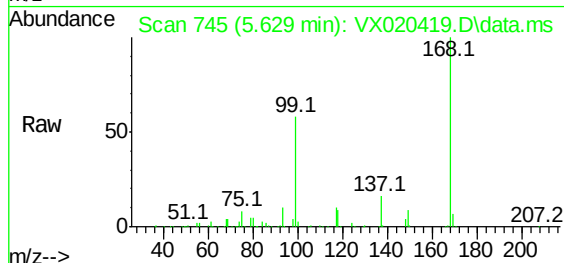




Pentafuorobenzene  
Concen: 50.00 ug/l  
RT: 5.629 min Scan# 745  
Delta R.T. 0.012 min  
Lab File: VX020419.D  
Acq: 28 Dec 2020 17:44

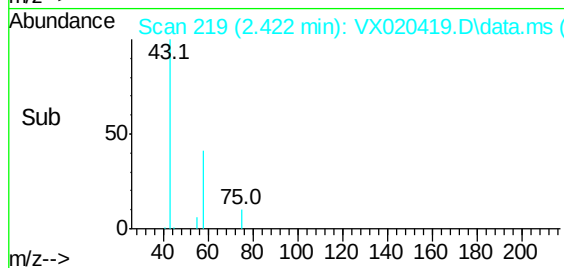
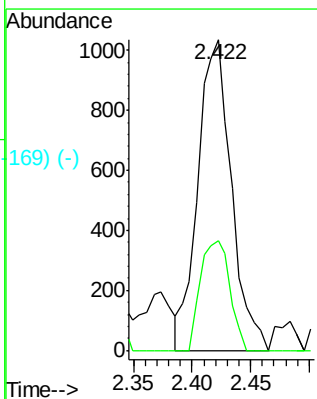
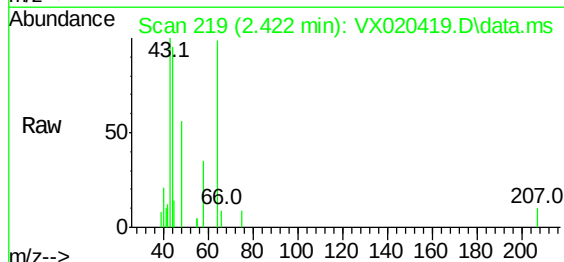
Instrument :  
MSVOA\_X  
ClientSampleId :  
OWL-C7-GW

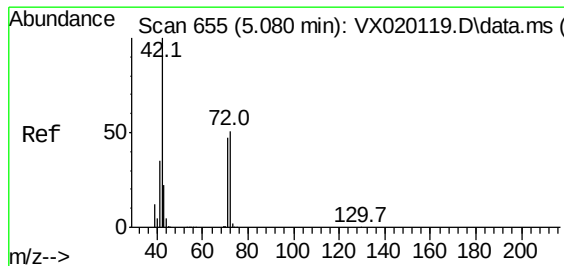
Tgt Ion:168 Resp: 271222  
Ion Ratio Lower Upper  
168 100  
99 58.3 45.8 68.6



Acetone  
Concen: 1.24 ug/l  
RT: 2.422 min Scan# 219  
Delta R.T. 0.006 min  
Lab File: VX020419.D  
Acq: 28 Dec 2020 17:44

Tgt Ion: 43 Resp: 2058  
Ion Ratio Lower Upper  
43 100  
58 35.5 27.8 41.8

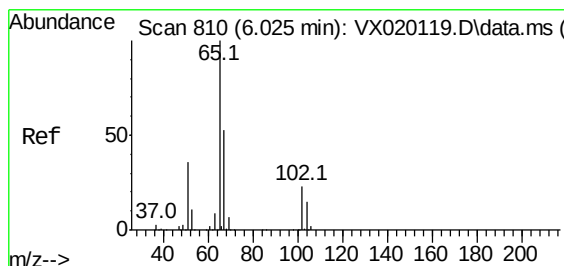
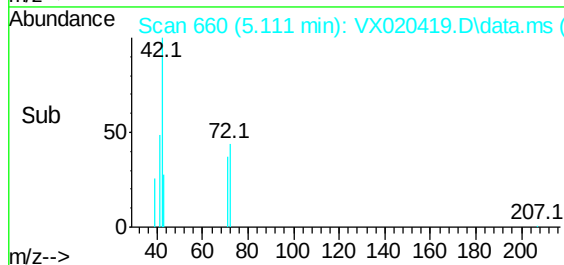
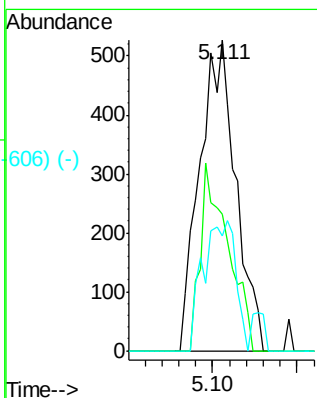
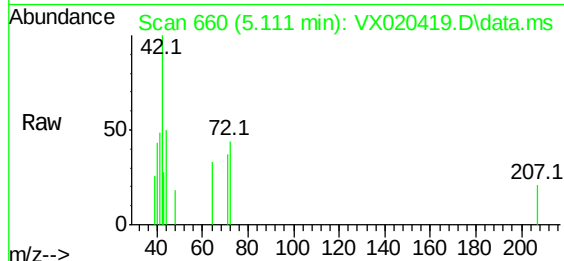




#49 (-)  
Tetrahydrofuran  
Concen: 1.01 ug/l  
RT: 5.111 min Scan# 660  
Delta R.T. 0.031 min  
Lab File: VX020419.D  
Acq: 28 Dec 2020 17:44

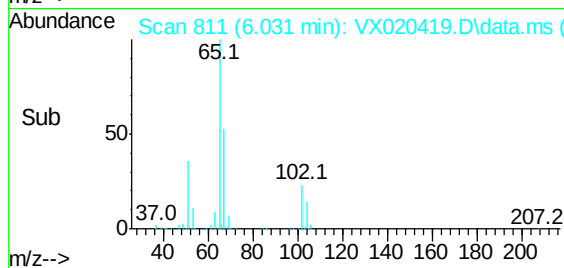
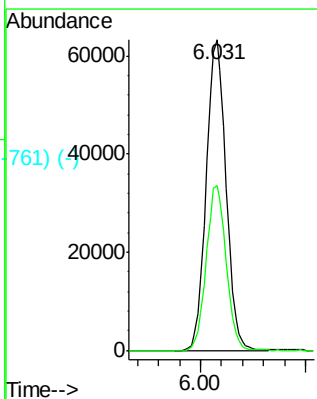
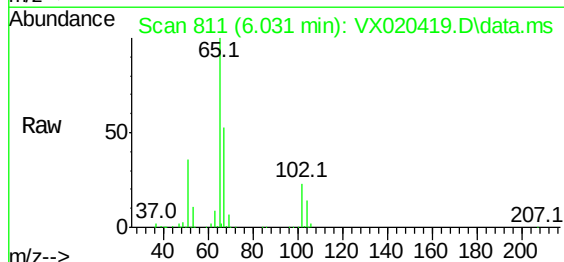
Instrument :  
MSVOA\_X  
ClientSampleId :  
OWL-C7-GW

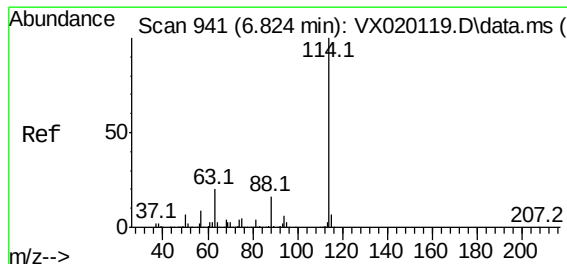
Tgt Ion: 42 Resp: 1527  
Ion Ratio Lower Upper  
42 100  
72 0.0 41.7 62.5#  
71 37.5 38.4 57.6#



#53 (-)  
1,2-Dichloroethane-d4  
Concen: 45.34 ug/l  
RT: 6.031 min Scan# 811  
Delta R.T. 0.006 min  
Lab File: VX020419.D  
Acq: 28 Dec 2020 17:44

Tgt Ion: 65 Resp: 164842  
Ion Ratio Lower Upper  
65 100  
67 53.5 0.0 105.4

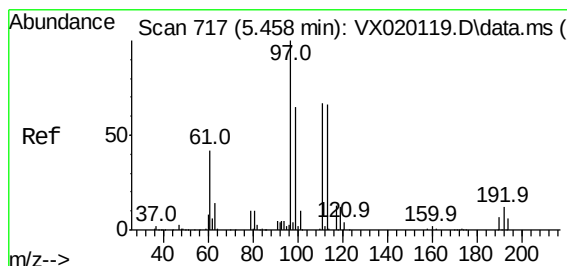
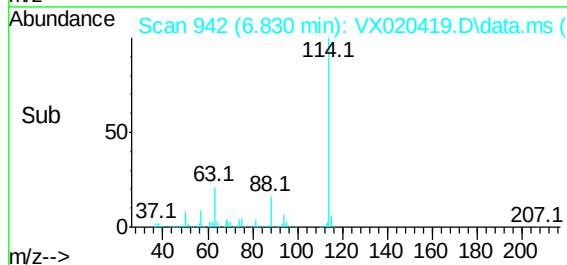
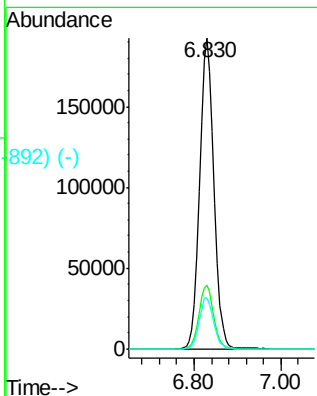
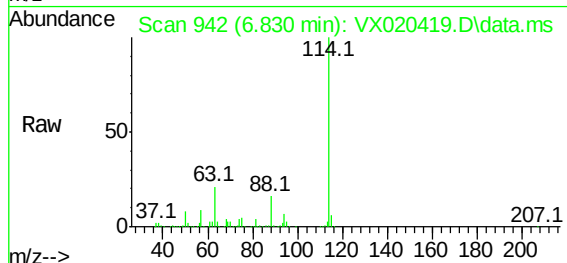




1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.830 min Scan# 942  
Delta R.T. 0.006 min  
Lab File: VX020419.D  
Acq: 28 Dec 2020 17:44

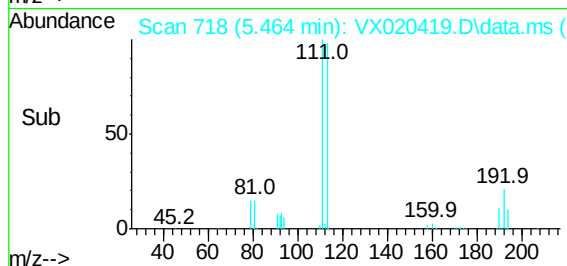
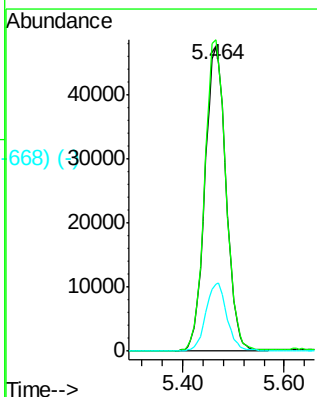
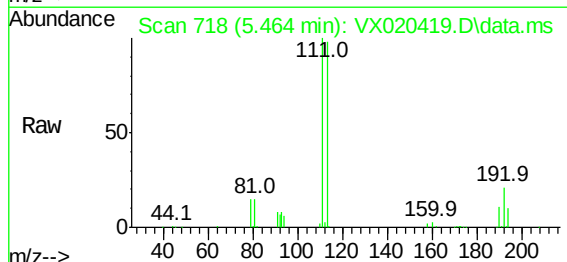
Instrument :  
MSVOA\_X  
ClientSampleId :  
OWL-C7-GW

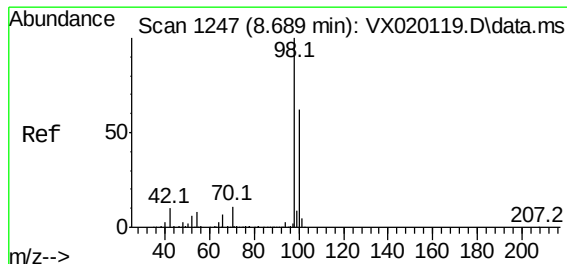
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 114   | Resp: | 444588 |
| Ion Ratio | Lower | Upper |        |
| 114       | 100   |       |        |
| 63        | 20.6  | 0.0   | 40.8   |
| 88        | 16.5  | 0.0   | 32.8   |



Dibromofluoromethane  
Concen: 47.90 ug/l  
RT: 5.464 min Scan# 718  
Delta R.T. 0.006 min  
Lab File: VX020419.D  
Acq: 28 Dec 2020 17:44

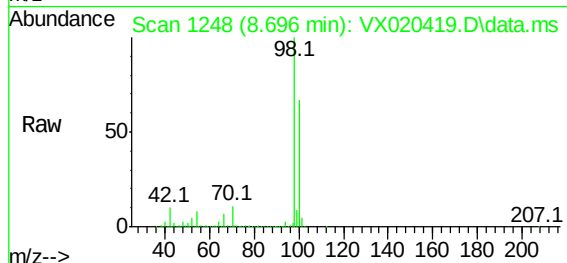
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 113   | Resp: | 136217 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 102.1 | 81.9  | 122.9  |
| 192       | 21.6  | 16.7  | 25.1   |



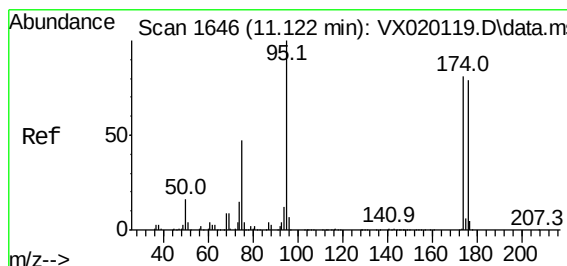
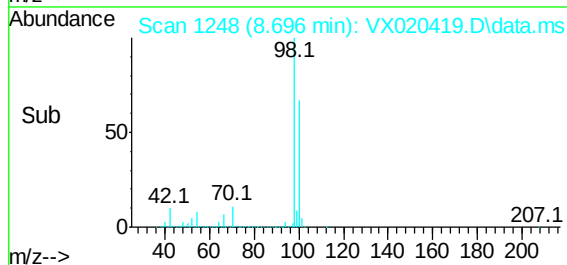
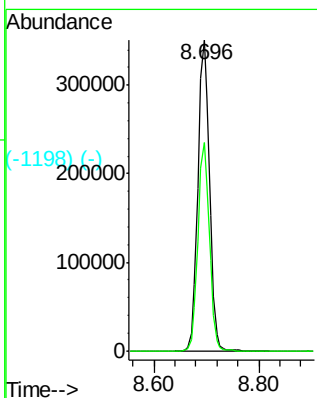


#599 (-)  
Toluene-d8  
Concen: 49.22 ug/l  
RT: 8.696 min Scan# 1248  
Delta R.T. 0.007 min  
Lab File: VX020419.D  
Acq: 28 Dec 2020 17:44

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

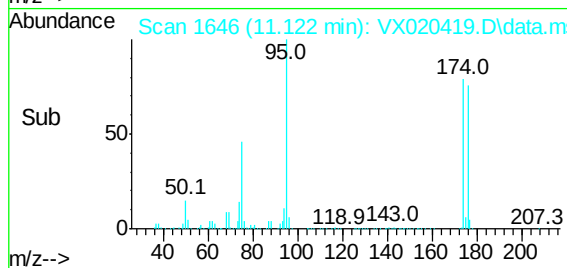
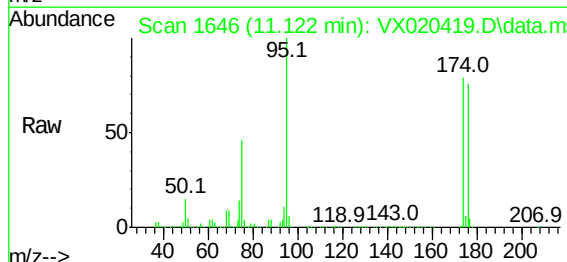
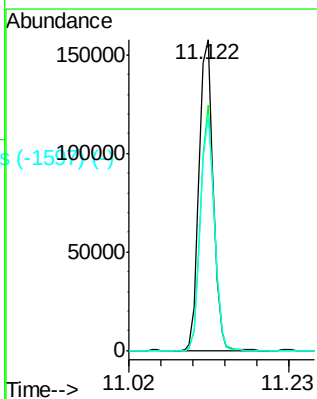


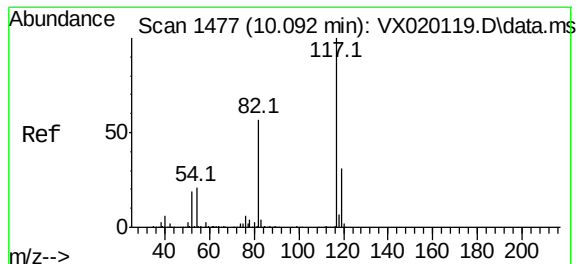
Tgt Ion: 98 Resp: 538832  
Ion Ratio Lower Upper  
98 100  
100 66.4 51.9 77.9



#639 (-)  
4-Bromofluorobenzene  
Concen: 48.27 ug/l  
RT: 11.122 min Scan# 1646  
Delta R.T. -0.000 min  
Lab File: VX020419.D  
Acq: 28 Dec 2020 17:44

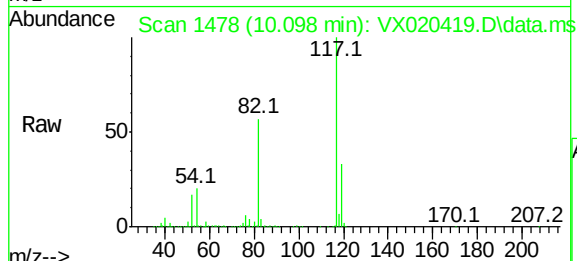
Tgt Ion: 95 Resp: 202248  
Ion Ratio Lower Upper  
95 100  
174 76.1 0.0 154.6  
176 74.7 0.0 155.8



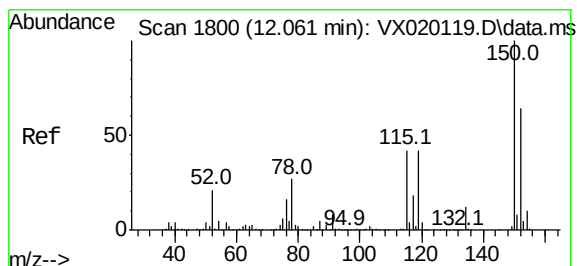
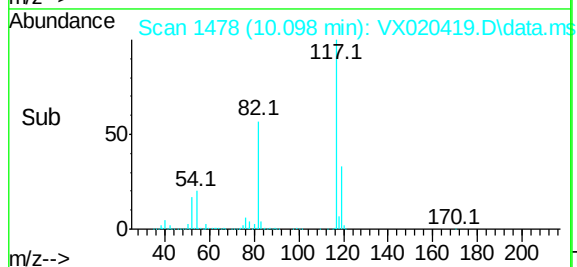
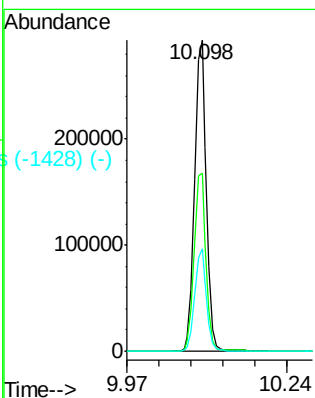


#6270 (-)  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.098 min Scan# 1478  
Delta R.T. 0.006 min  
Lab File: VX020419.D  
Acq: 28 Dec 2020 17:44

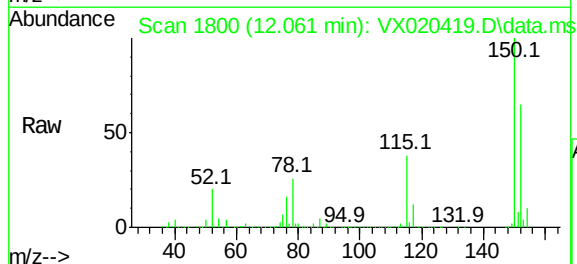
Instrument :  
MSVOA\_X  
ClientSampleId :  
OWL-C7-GW



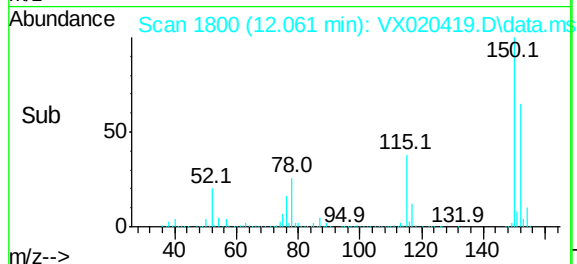
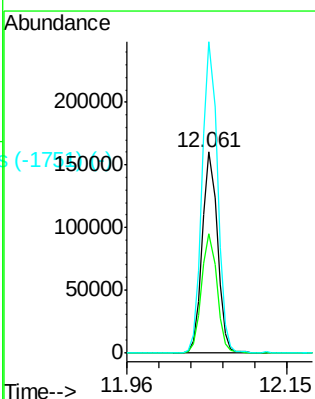
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 404918 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 82        | 57.3  | 47.4  | 71.2   |
| 119       | 32.8  | 26.6  | 39.8   |

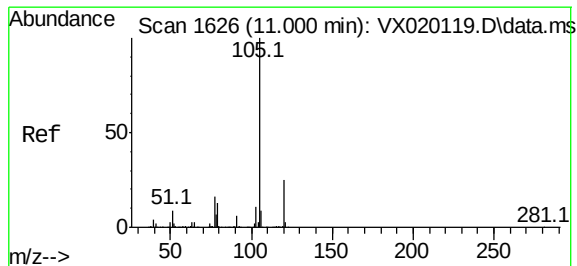


#1794 (-)  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.061 min Scan# 1800  
Delta R.T. -0.000 min  
Lab File: VX020419.D  
Acq: 28 Dec 2020 17:44



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 190230 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 60.1  | 41.1  | 123.3  |
| 150       | 156.5 | 0.0   | 349.0  |

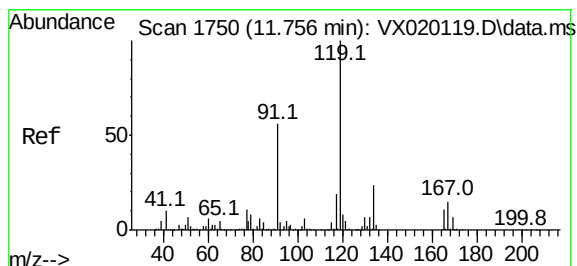
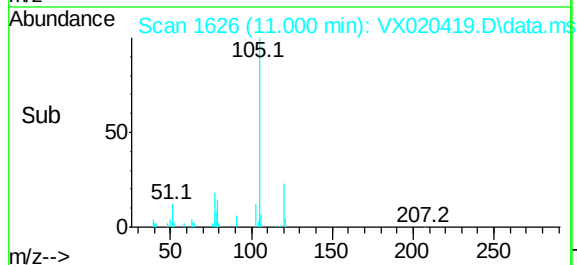
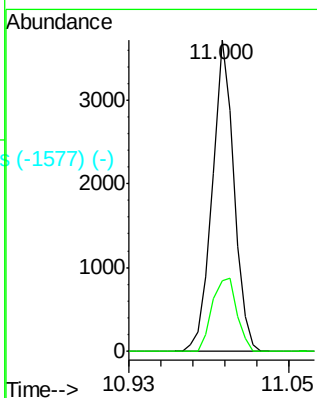
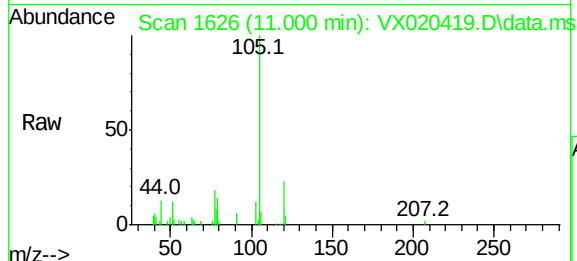




#1618 (-)  
Isopropylbenzene  
Concen: 0.31 ug/l  
RT: 11.000 min Scan# 1626  
Delta R.T. 0.000 min  
Lab File: VX020419.D  
Acq: 28 Dec 2020 17:44

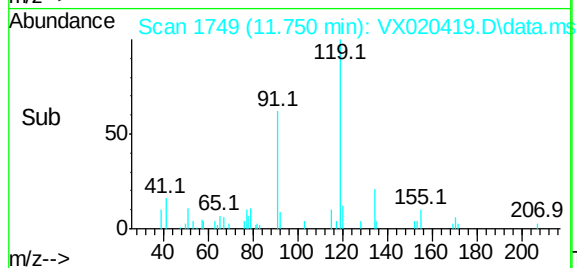
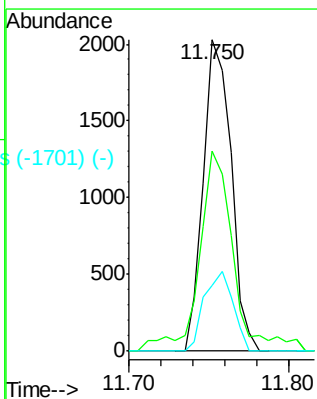
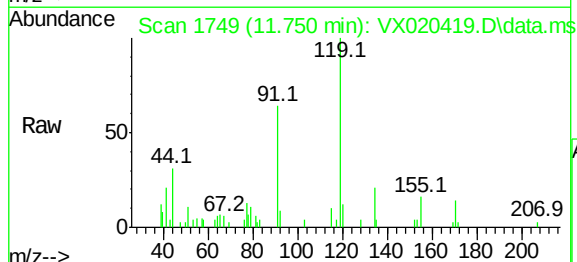
Instrument :  
MSVOA\_X  
ClientSampleId :  
OWL-C7-GW

Tgt Ion:105 Resp: 4257  
Ion Ratio Lower Upper  
105 100  
120 26.5 13.2 39.6

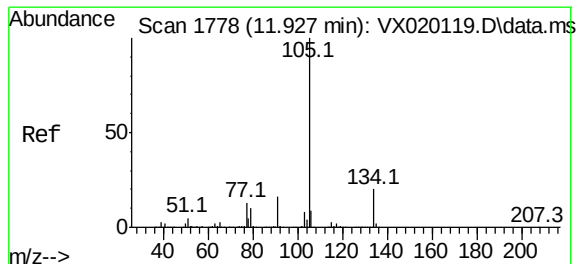


#1742 (-)  
tert-Butylbenzene  
Concen: 0.23 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. -0.006 min  
Lab File: VX020419.D  
Acq: 28 Dec 2020 17:44

Tgt Ion:119 Resp: 2574  
Ion Ratio Lower Upper  
119 100  
91 77.3 27.9 83.7  
134 26.1 11.3 33.9







#172 (-)  
 sec-Butylbenzene  
 Concen: 0.27 ug/l  
 RT: 11.927 min Scan# 1778  
 Delta R.T. -0.000 min  
 Lab File: VX020419.D  
 Acq: 28 Dec 2020 17:44

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

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 105   | Resp: | 3424 |
| Ion Ratio | Lower | Upper |      |
| 105       | 100   |       |      |
| 134       | 29.8  | 10.0  | 29.8 |

