

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121920\  
 Data File : VX020229.D  
 Acq On : 20 Dec 2020 15:13  
 Operator : JC/MD  
 Sample : L5095-04  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 69 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 39-MW104-121420

Quant Time: Dec 21 02:52:16 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

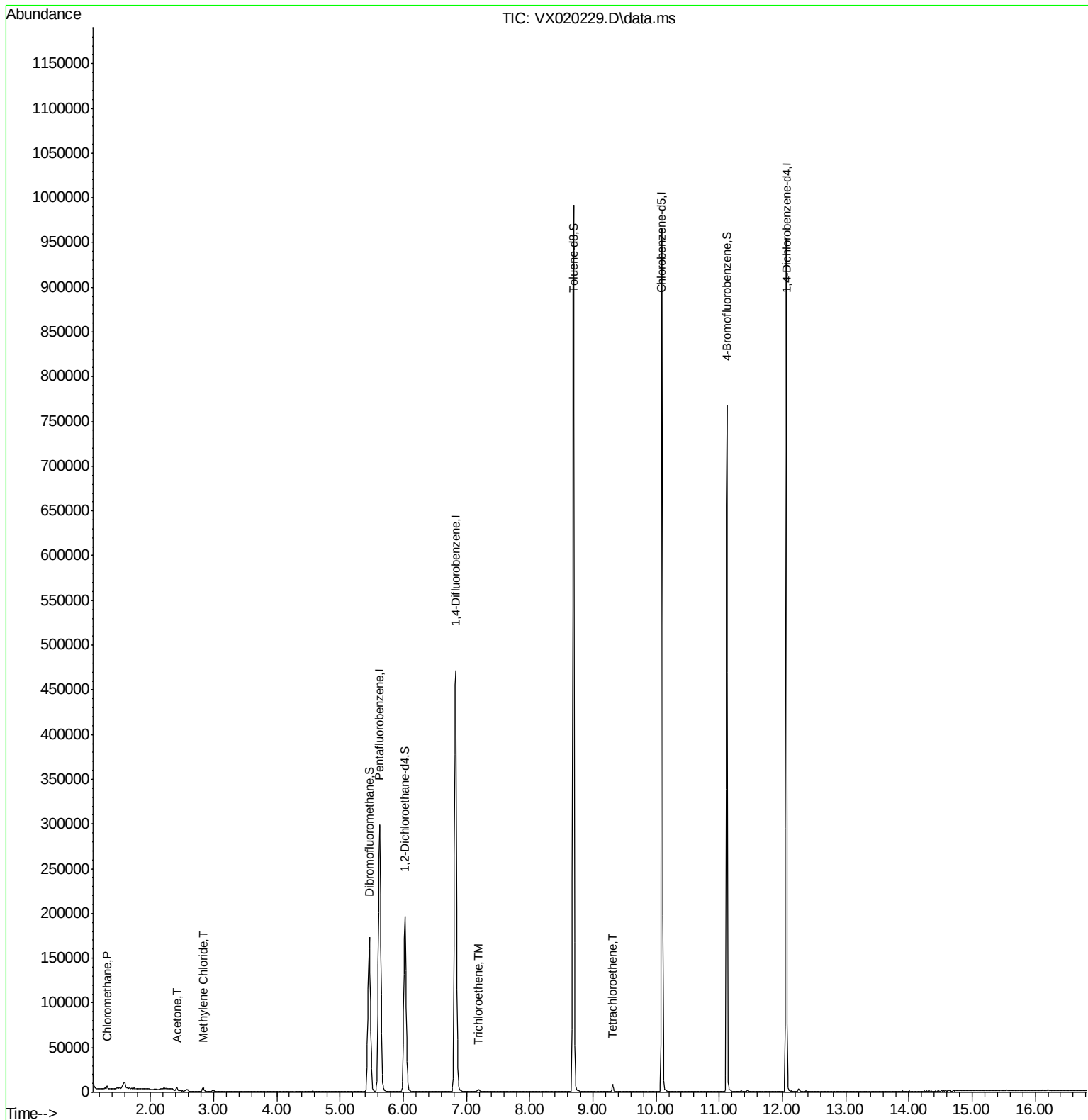
| Compound                    | R.T.   | QIon           | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|----------------|----------|-------|--------|----------|
| -----                       |        |                |          |       |        |          |
| Internal Standards          |        |                |          |       |        |          |
| 1) Pentafluorobenzene       | 5.629  | 168            | 283191   | 50.00 | ug/l   | 0.01     |
| 34) 1,4-Difluorobenzene     | 6.830  | 114            | 477305   | 50.00 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.092 | 117            | 445336   | 50.00 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.061 | 152            | 188813   | 50.00 | ug/l   | 0.00     |
| System Monitoring Compounds |        |                |          |       |        |          |
| 33) 1,2-Dichloroethane-d4   | 6.025  | 65             | 188050   | 49.54 | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range 61 - 141 | Recovery | =     | 99.08% |          |
| 35) Dibromofluoromethane    | 5.458  | 113            | 152296   | 49.88 | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range 69 - 133 | Recovery | =     | 99.76% |          |
| 50) Toluene-d8              | 8.695  | 98             | 585534   | 49.82 | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range 65 - 126 | Recovery | =     | 99.64% |          |
| 62) 4-Bromofluorobenzene    | 11.122 | 95             | 205650   | 45.72 | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range 58 - 135 | Recovery | =     | 91.44% |          |
| Target Compounds            |        |                |          |       |        |          |
|                             |        |                |          |       |        | Qvalue   |
| 3) Chloromethane            | 1.313  | 50             | 1493     | 0.42  | ug/l   | 94       |
| 16) Acetone                 | 2.416  | 43             | 3798     | 2.19  | ug/l   | 95       |
| 20) Methylene Chloride      | 2.831  | 84             | 2473     | 0.63  | ug/l   | 89       |
| 44) Trichloroethene         | 7.190  | 130            | 912      | 0.24  | ug/l   | 95       |
| 64) Tetrachloroethene       | 9.317  | 164            | 1480     | 0.44  | ug/l # | 85       |
| -----                       |        |                |          |       |        |          |

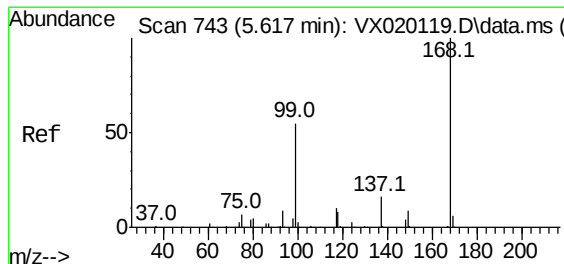
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\WX121920\  
Data File : VX020229.D  
Acq On : 20 Dec 2020 15:13  
Operator : JC/MD  
Sample : L5095-04  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 69 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
39-MW104-121420

Quant Time: Dec 21 02:52:16 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

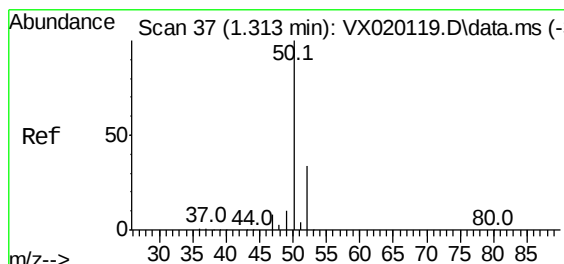
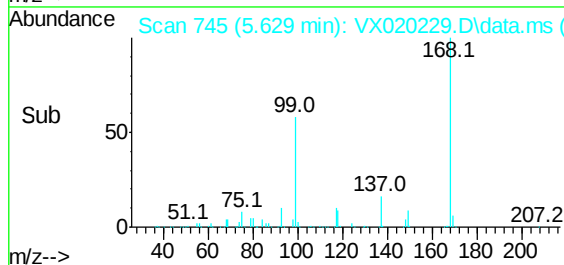
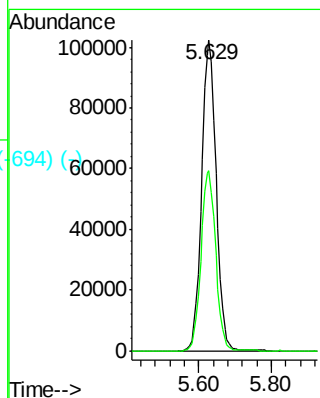
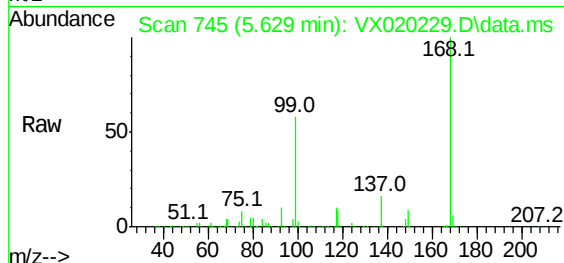




750 (-)  
 Pentafluorobenzene  
 Concen: 50.00 ug/l  
 RT: 5.629 min Scan# 745  
 Delta R.T. 0.012 min  
 Lab File: VX020229.D  
 Acq: 20 Dec 2020 15:13

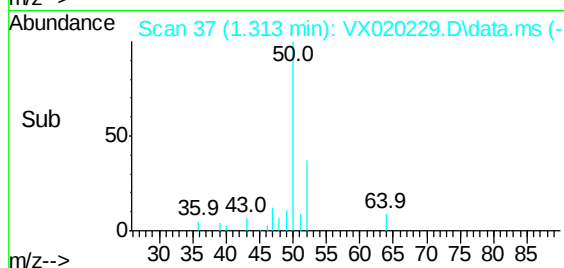
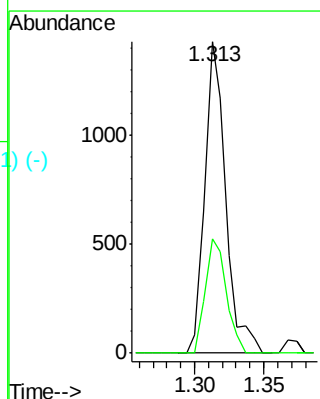
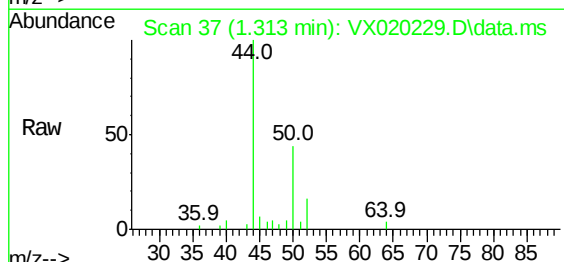
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 39-MW104-121420

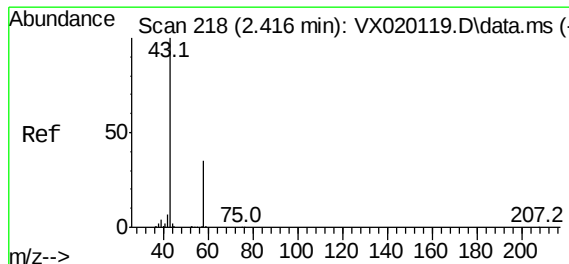
Tgt Ion:168 Resp: 283191  
 Ion Ratio Lower Upper  
 168 100  
 99 58.1 45.8 68.6



327 (-)  
 Chloromethane  
 Concen: 0.42 ug/l  
 RT: 1.313 min Scan# 37  
 Delta R.T. -0.000 min  
 Lab File: VX020229.D  
 Acq: 20 Dec 2020 15:13

Tgt Ion: 50 Resp: 1493  
 Ion Ratio Lower Upper  
 50 100  
 52 36.6 26.4 39.6

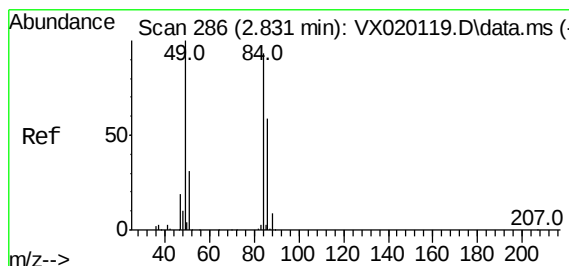
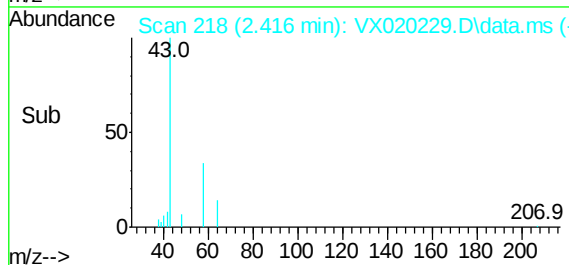
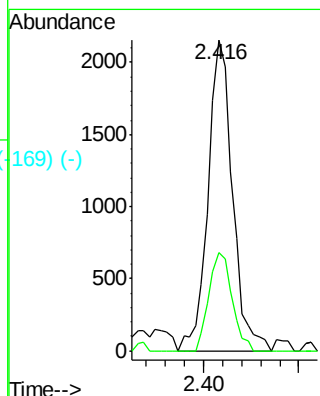
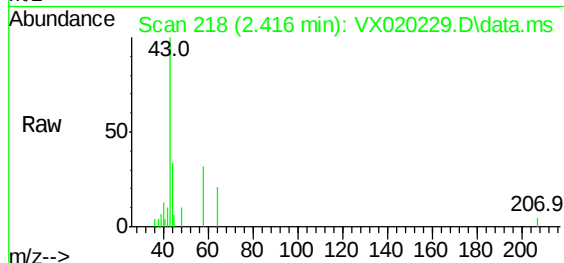




Acetone  
Concen: 2.19 ug/l  
RT: 2.416 min Scan# 218  
Delta R.T. 0.000 min  
Lab File: VX020229.D  
Acq: 20 Dec 2020 15:13

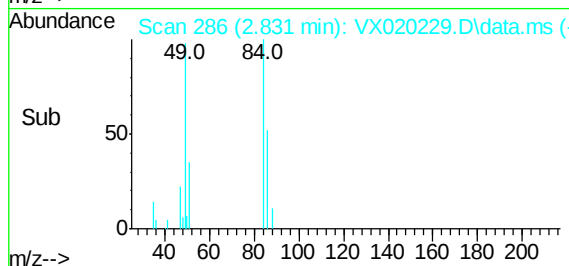
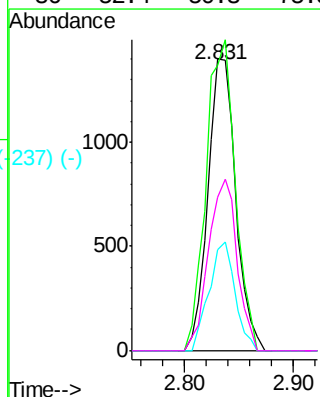
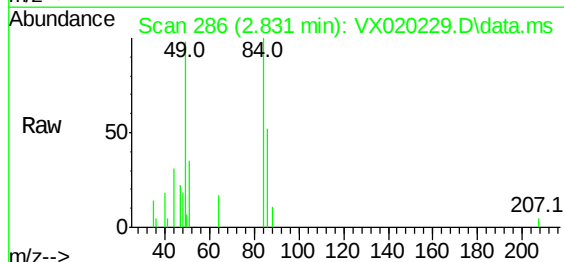
Instrument :  
MSVOA\_X  
ClientSampleId :  
39-MW104-121420

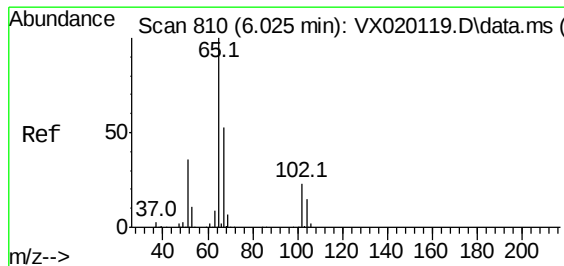
Tgt Ion: 43 Resp: 3798  
Ion Ratio Lower Upper  
43 100  
58 31.7 27.8 41.8



Methylene Chloride  
Concen: 0.63 ug/l  
RT: 2.831 min Scan# 286  
Delta R.T. -0.000 min  
Lab File: VX020229.D  
Acq: 20 Dec 2020 15:13

Tgt Ion: 84 Resp: 2473  
Ion Ratio Lower Upper  
84 100  
49 97.9 88.6 132.8  
51 34.7 27.0 40.6  
86 52.4 50.3 75.5

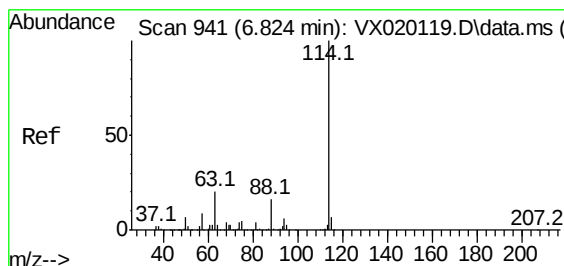
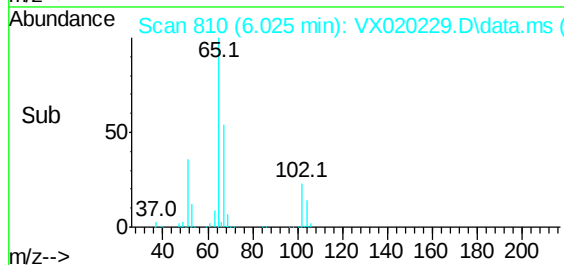
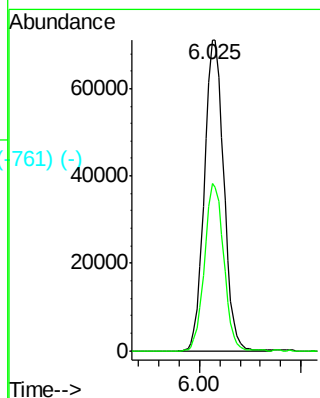
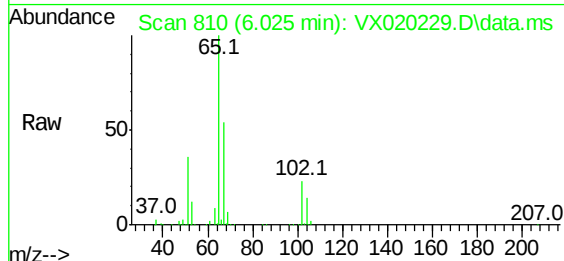




1,2-Dichloroethane-d4  
 Concen: 49.54 ug/l  
 RT: 6.025 min Scan# 810  
 Delta R.T. 0.000 min  
 Lab File: VX020229.D  
 Acq: 20 Dec 2020 15:13

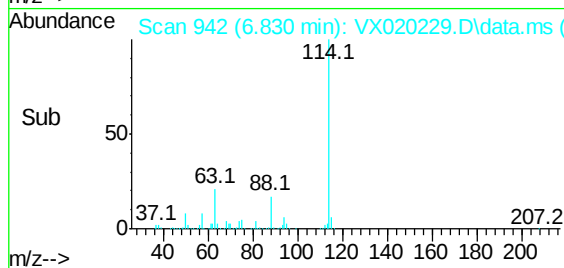
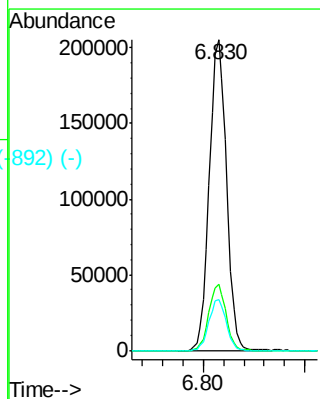
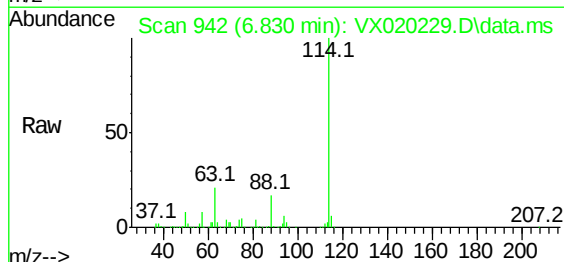
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 39-MW104-121420

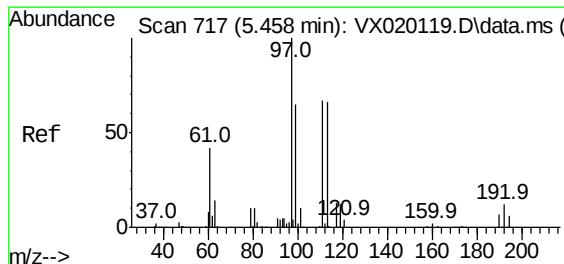
Tgt Ion: 65 Resp: 188050  
 Ion Ratio Lower Upper  
 65 100  
 67 53.3 0.0 105.4



1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.830 min Scan# 942  
 Delta R.T. 0.006 min  
 Lab File: VX020229.D  
 Acq: 20 Dec 2020 15:13

Tgt Ion: 114 Resp: 477305  
 Ion Ratio Lower Upper  
 114 100  
 63 21.3 0.0 40.8  
 88 16.6 0.0 32.8

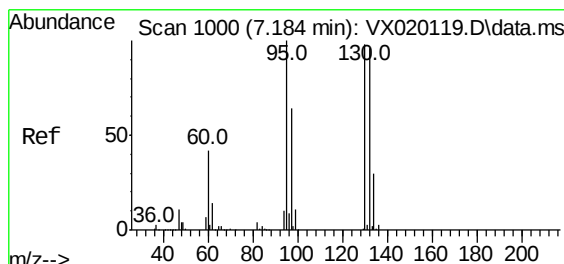
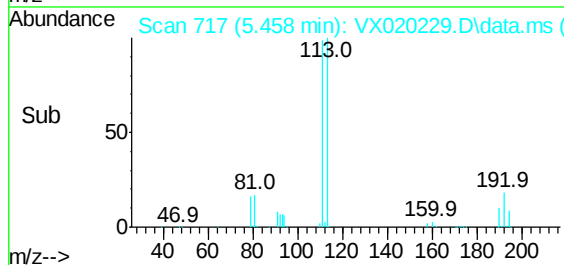
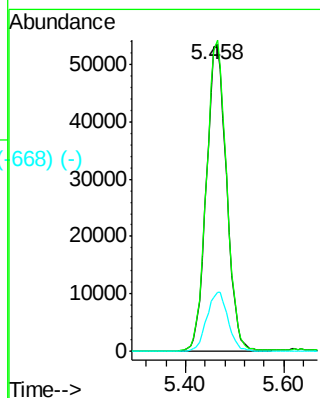
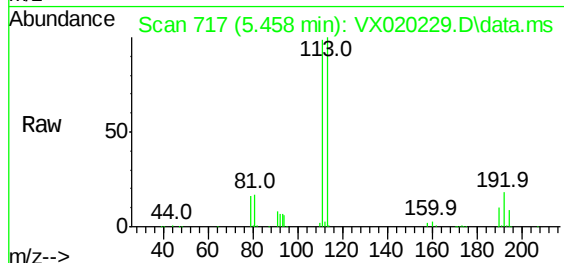




Dibromofluoromethane  
Concen: 49.88 ug/l  
RT: 5.458 min Scan# 717  
Delta R.T. 0.000 min  
Lab File: VX020229.D  
Acq: 20 Dec 2020 15:13

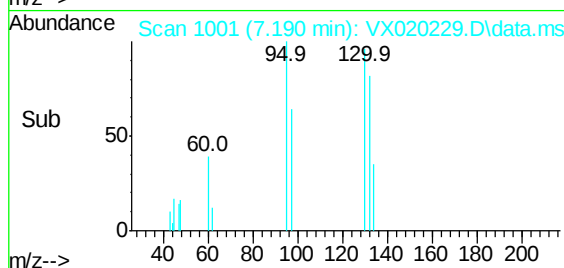
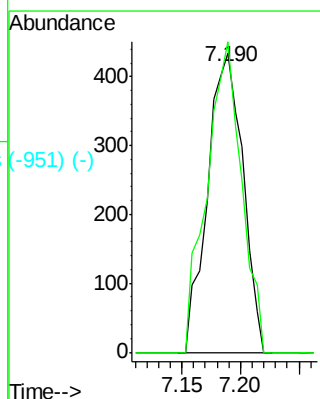
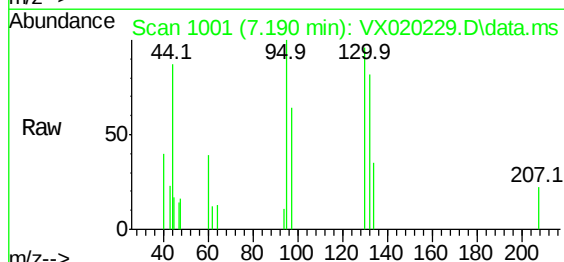
Instrument :  
MSVOA\_X  
ClientSampleId :  
39-MW104-121420

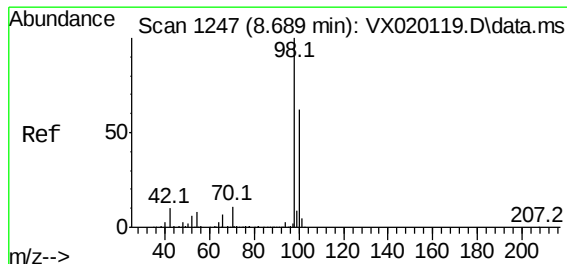
Tgt Ion:113 Resp: 152296  
Ion Ratio Lower Upper  
113 100  
111 101.7 81.9 122.9  
192 19.9 16.7 25.1



Trichloroethene  
Concen: 0.24 ug/l  
RT: 7.190 min Scan# 1001  
Delta R.T. 0.006 min  
Lab File: VX020229.D  
Acq: 20 Dec 2020 15:13

Tgt Ion:130 Resp: 912  
Ion Ratio Lower Upper  
130 100  
95 103.9 0.0 198.0

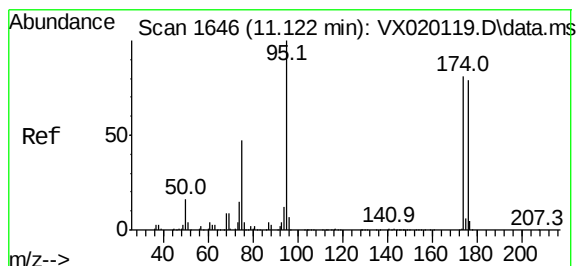
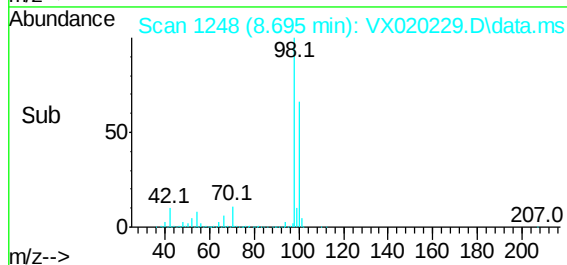
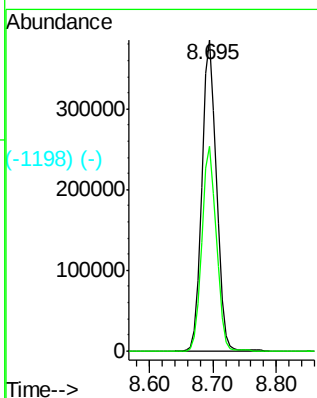
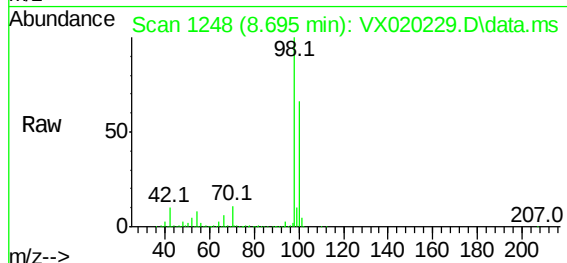




#599 (-)  
Toluene-d8  
Concen: 49.82 ug/l  
RT: 8.695 min Scan# 1248  
Delta R.T. 0.006 min  
Lab File: VX020229.D  
Acq: 20 Dec 2020 15:13

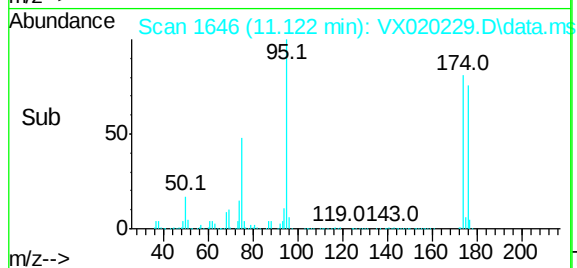
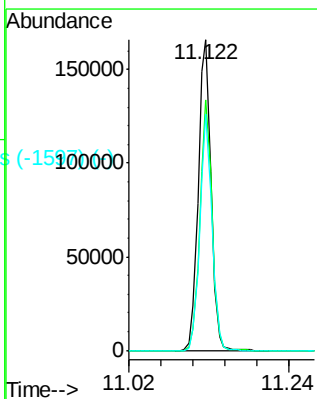
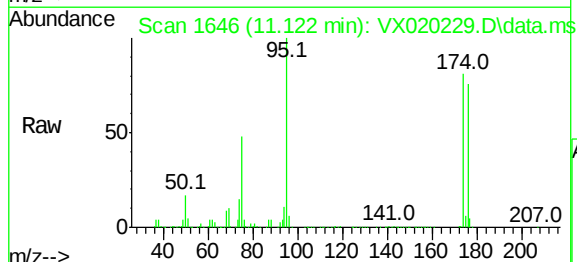
Instrument :  
MSVOA\_X  
ClientSampleId :  
39-MW104-121420

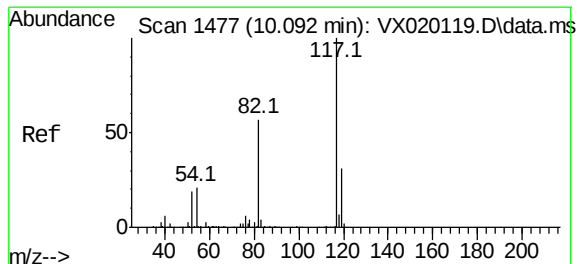
Tgt Ion: 98 Resp: 585534  
Ion Ratio Lower Upper  
98 100  
100 65.7 51.9 77.9



#639 (-)  
4-Bromofluorobenzene  
Concen: 45.72 ug/l  
RT: 11.122 min Scan# 1646  
Delta R.T. -0.000 min  
Lab File: VX020229.D  
Acq: 20 Dec 2020 15:13

Tgt Ion: 95 Resp: 205650  
Ion Ratio Lower Upper  
95 100  
174 76.7 0.0 154.6  
176 72.4 0.0 155.8

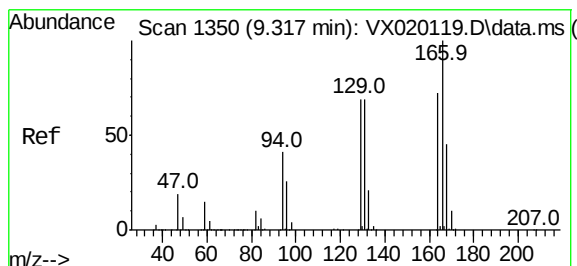
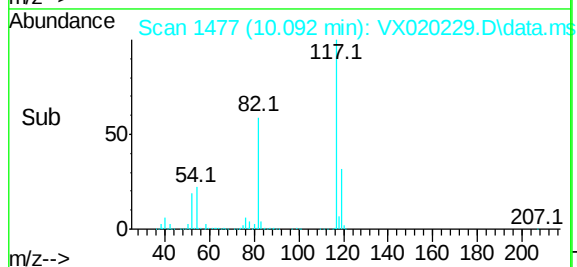
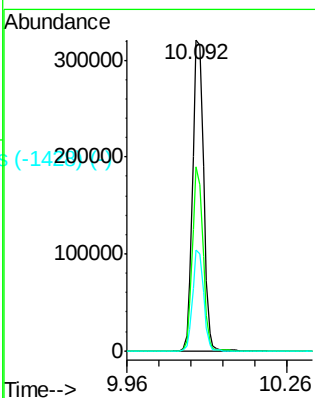
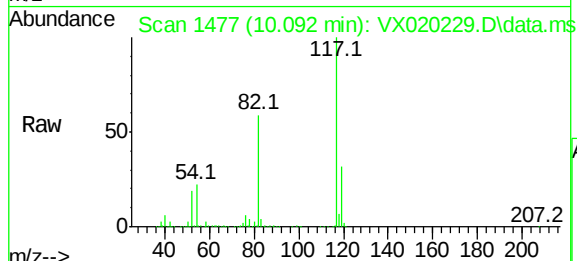




#6270 (-)  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.092 min Scan# 1477  
Delta R.T. -0.001 min  
Lab File: VX020229.D  
Acq: 20 Dec 2020 15:13

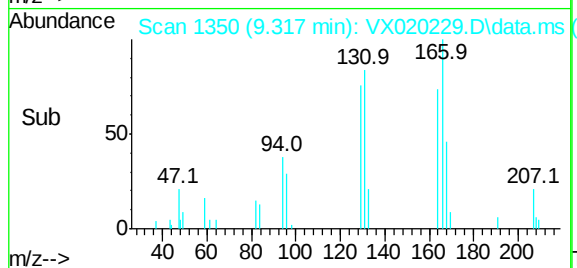
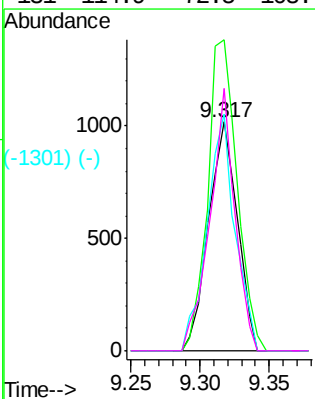
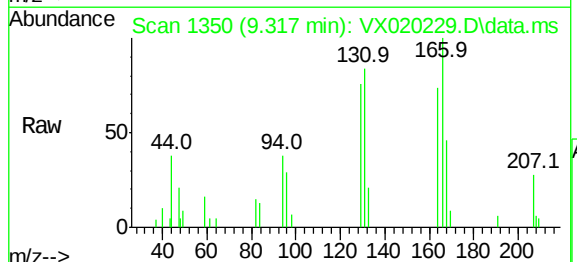
Instrument :  
MSVOA\_X  
ClientSampleId :  
39-MW104-121420

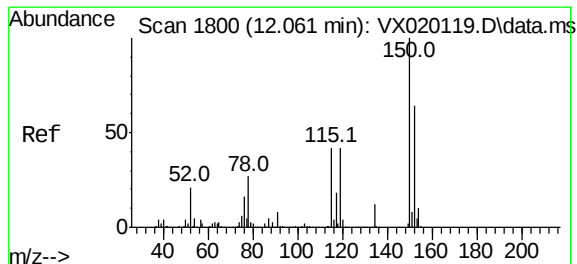
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 445336 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 59.1  | 47.4  | 71.2   |
| 119      | 32.4  | 26.6  | 39.8   |



#642 (-)  
Tetrachloroethene  
Concen: 0.44 ug/l  
RT: 9.317 min Scan# 1350  
Delta R.T. 0.000 min  
Lab File: VX020229.D  
Acq: 20 Dec 2020 15:13

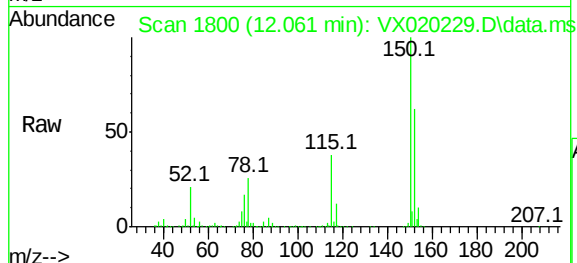
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 164   | Resp: | 1480   |
| Ion      | Ratio | Lower | Upper  |
| 164      | 100   |       |        |
| 166      | 136.1 | 103.4 | 155.2  |
| 129      | 103.3 | 70.8  | 106.2  |
| 131      | 114.9 | 72.5  | 108.7# |





#1794 (-)  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 12.061 min Scan# 1800  
 Delta R.T. -0.000 min  
 Lab File: VX020229.D  
 Acq: 20 Dec 2020 15:13

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 39-MW104-121420



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 188813 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 60.8  | 41.1  | 123.3  |
| 150       | 158.8 | 0.0   | 349.0  |

