

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121920\  
 Data File : VX020175.D  
 Acq On : 19 Dec 2020 16:47  
 Operator : JC/MD  
 Sample : L5096-12 100X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 49-MW028-121220

Quant Time: Dec 21 02:34:05 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

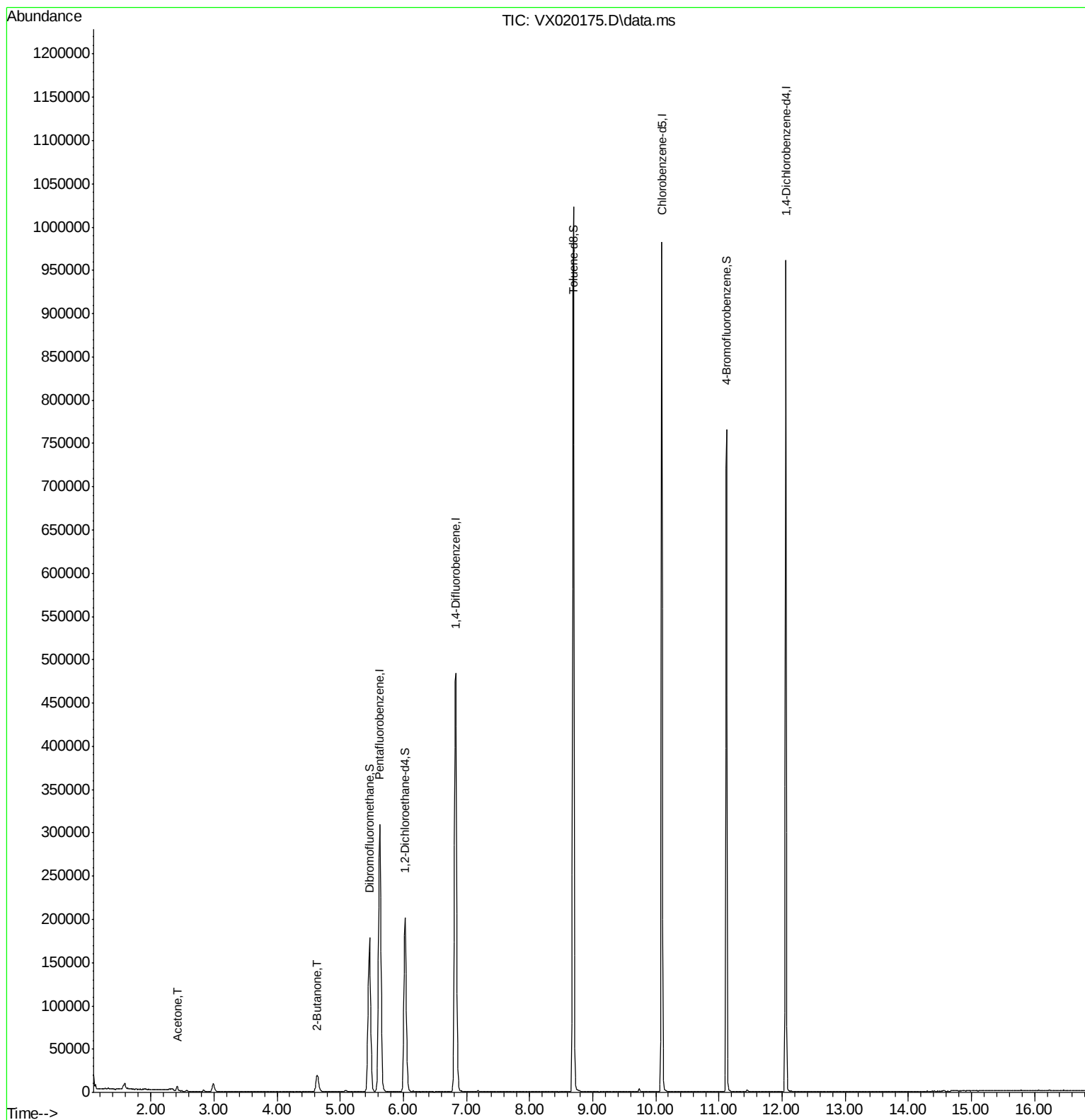
| Compound                    | R.T.   | QIon           | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|----------------|----------|-------|--------|----------|
| -----                       |        |                |          |       |        |          |
| Internal Standards          |        |                |          |       |        |          |
| 1) Pentafluorobenzene       | 5.629  | 168            | 292892   | 50.00 | ug/l   | 0.01     |
| 34) 1,4-Difluorobenzene     | 6.830  | 114            | 500060   | 50.00 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.098 | 117            | 465413   | 50.00 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.061 | 152            | 204652   | 50.00 | ug/l   | 0.00     |
| System Monitoring Compounds |        |                |          |       |        |          |
| 33) 1,2-Dichloroethane-d4   | 6.025  | 65             | 193933   | 49.40 | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range 61 - 141 | Recovery | =     | 98.80% |          |
| 35) Dibromofluoromethane    | 5.465  | 113            | 156634   | 48.97 | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range 69 - 133 | Recovery | =     | 97.94% |          |
| 50) Toluene-d8              | 8.696  | 98             | 603752   | 49.03 | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range 65 - 126 | Recovery | =     | 98.06% |          |
| 62) 4-Bromofluorobenzene    | 11.122 | 95             | 213580   | 45.32 | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range 58 - 135 | Recovery | =     | 90.64% |          |
| Target Compounds            |        |                |          |       |        |          |
| 16) Acetone                 | 2.416  | 43             | 5642     | 3.15  | ug/l   | 92       |
| 25) 2-Butanone              | 4.629  | 43             | 27298    | 10.48 | ug/l   | 99       |
| -----                       |        |                |          |       |        |          |

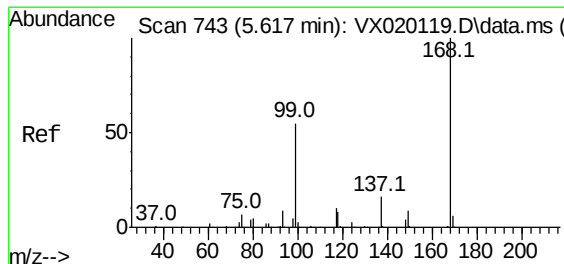
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Fri Dec 18 13:09:49 2020  
Response via : Initial Calibration

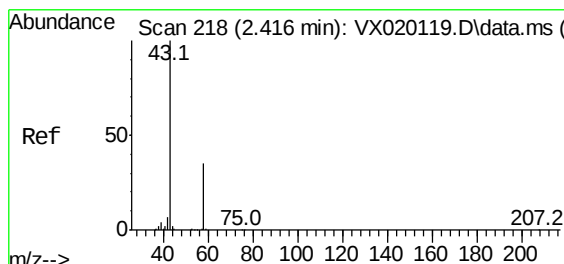
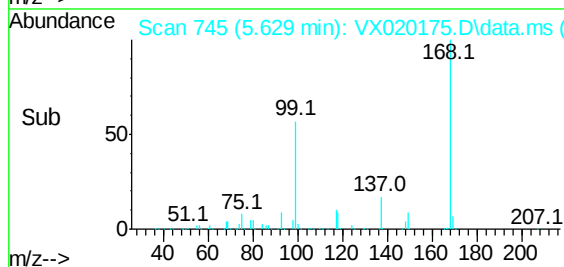
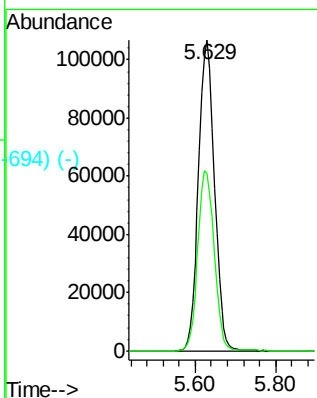
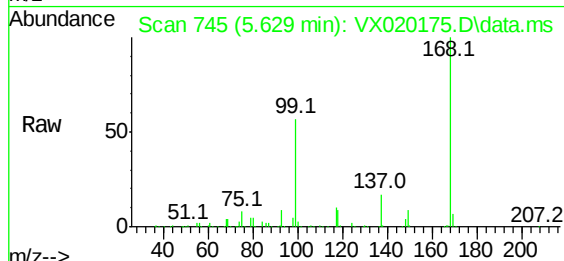




Pentafluorobenzene  
 Concen: 50.00 ug/l  
 RT: 5.629 min Scan# 745  
 Delta R.T. 0.012 min  
 Lab File: VX020175.D  
 Acq: 19 Dec 2020 16:47

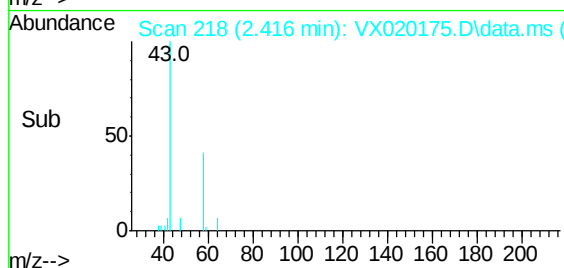
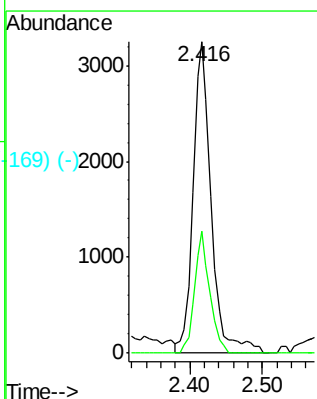
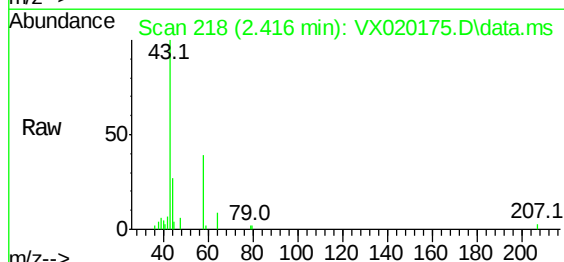
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 49-MW028-121220

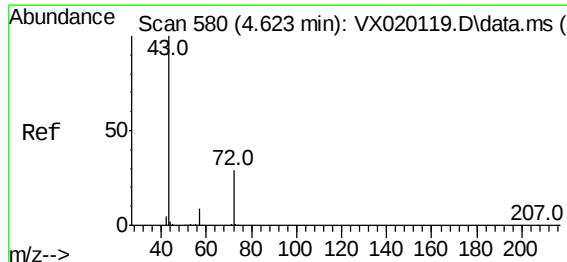
Tgt Ion:168 Resp: 292892  
 Ion Ratio Lower Upper  
 168 100  
 99 57.1 45.8 68.6



Acetone  
 Concen: 3.15 ug/l  
 RT: 2.416 min Scan# 218  
 Delta R.T. 0.000 min  
 Lab File: VX020175.D  
 Acq: 19 Dec 2020 16:47

Tgt Ion: 43 Resp: 5642  
 Ion Ratio Lower Upper  
 43 100  
 58 39.2 27.8 41.8

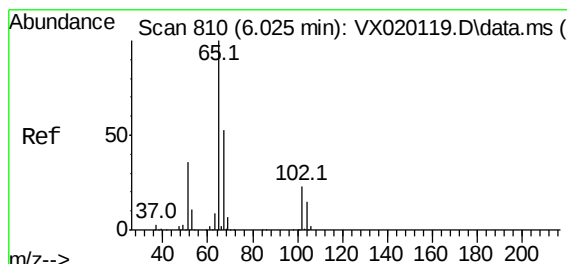
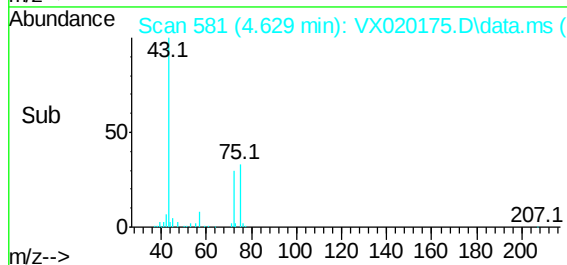
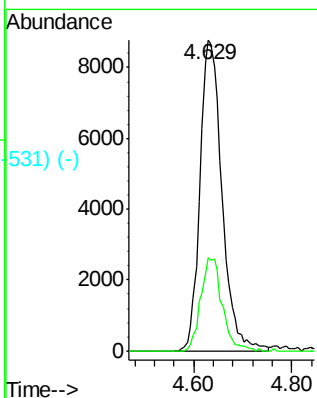
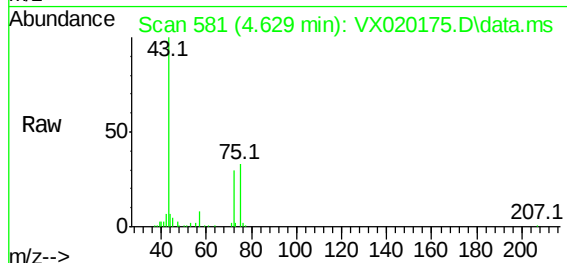




2-Butanone  
Concen: 10.48 ug/l  
RT: 4.629 min Scan# 581  
Delta R.T. 0.006 min  
Lab File: VX020175.D  
Acq: 19 Dec 2020 16:47

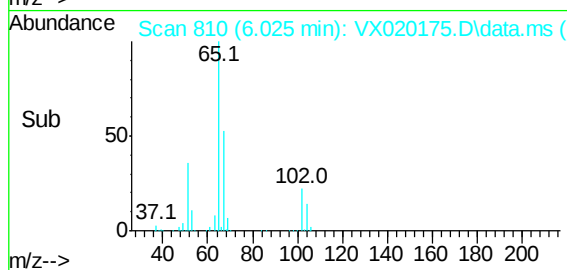
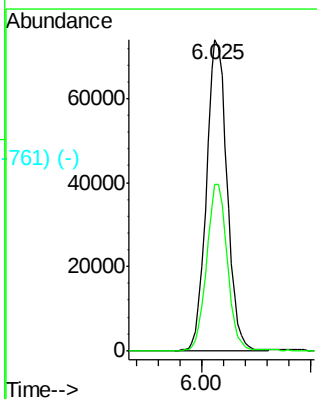
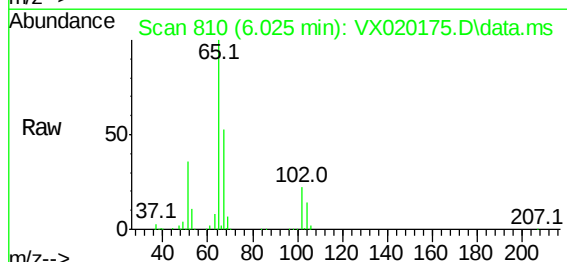
Instrument :  
MSVOA\_X  
ClientSampleId :  
49-MW028-121220

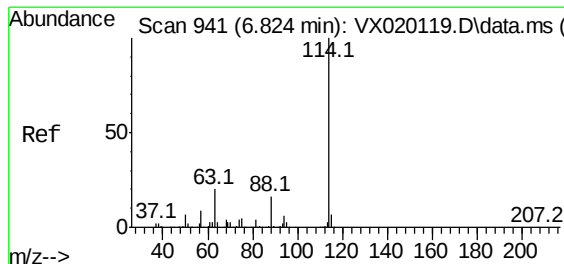
Tgt Ion: 43 Resp: 27298  
Ion Ratio Lower Upper  
43 100  
72 29.9 23.7 35.5



1,2-Dichloroethane-d4  
Concen: 49.40 ug/l  
RT: 6.025 min Scan# 810  
Delta R.T. 0.000 min  
Lab File: VX020175.D  
Acq: 19 Dec 2020 16:47

Tgt Ion: 65 Resp: 193933  
Ion Ratio Lower Upper  
65 100  
67 53.5 0.0 105.4

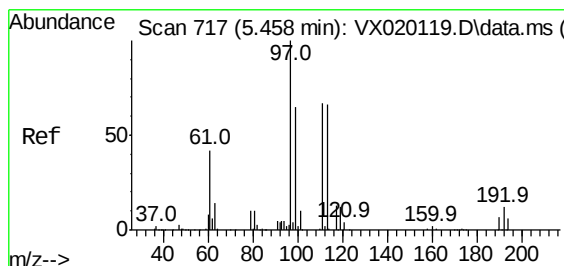
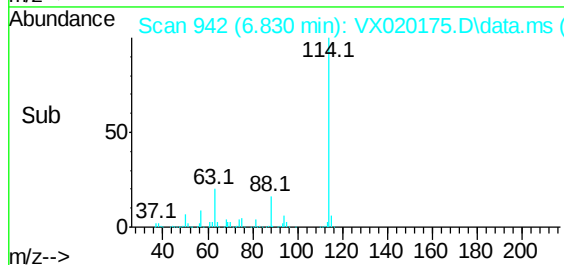
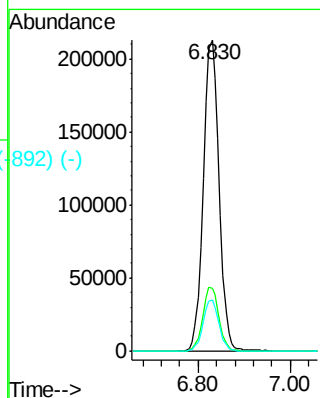
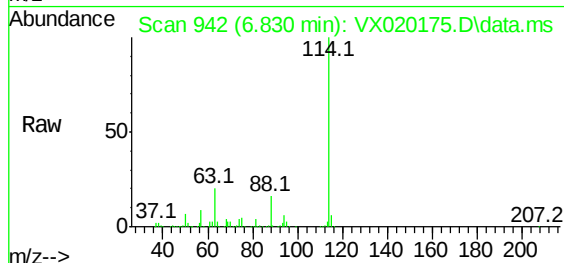




1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.830 min Scan# 942  
Delta R.T. 0.006 min  
Lab File: VX020175.D  
Acq: 19 Dec 2020 16:47

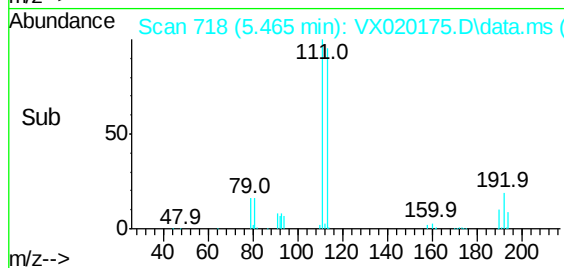
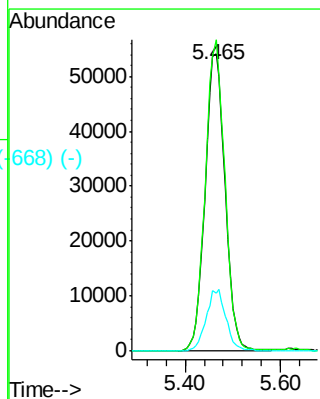
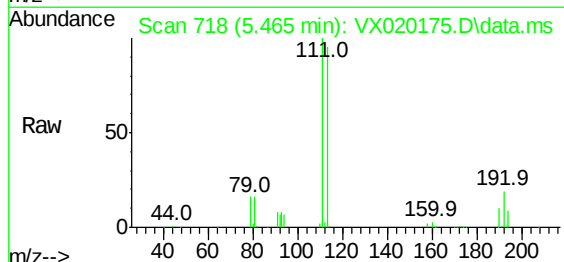
Instrument :  
MSVOA\_X  
ClientSampleId :  
49-MW028-121220

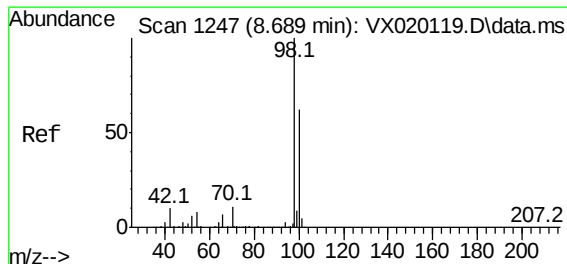
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 114   | Resp: | 500060 |
| Ion Ratio | Lower | Upper |        |
| 114       | 100   |       |        |
| 63        | 20.1  | 0.0   | 40.8   |
| 88        | 16.4  | 0.0   | 32.8   |



Dibromofluoromethane  
Concen: 48.97 ug/l  
RT: 5.465 min Scan# 718  
Delta R.T. 0.007 min  
Lab File: VX020175.D  
Acq: 19 Dec 2020 16:47

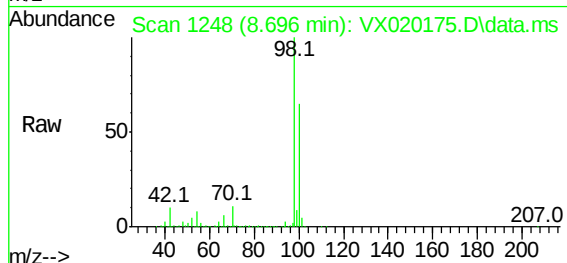
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 113   | Resp: | 156634 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 102.3 | 81.9  | 122.9  |
| 192       | 20.0  | 16.7  | 25.1   |



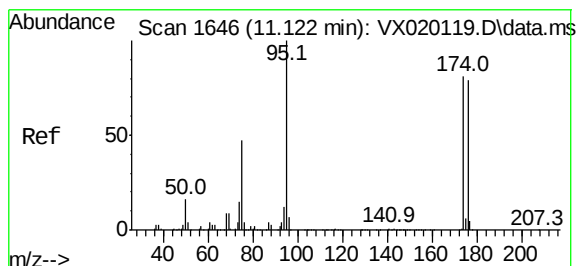
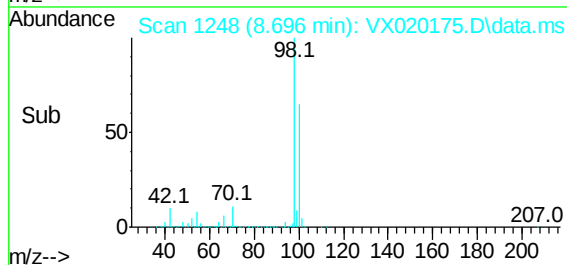
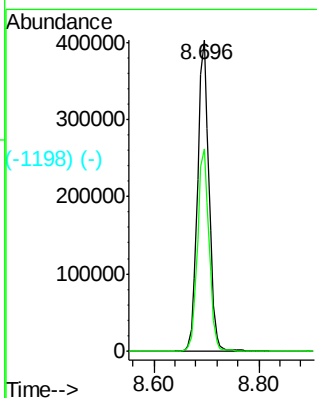


#509 (-)  
Toluene-d8  
Concen: 49.03 ug/l  
RT: 8.696 min Scan# 1248  
Delta R.T. 0.007 min  
Lab File: VX020175.D  
Acq: 19 Dec 2020 16:47

Instrument :  
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ClientSampleId :  
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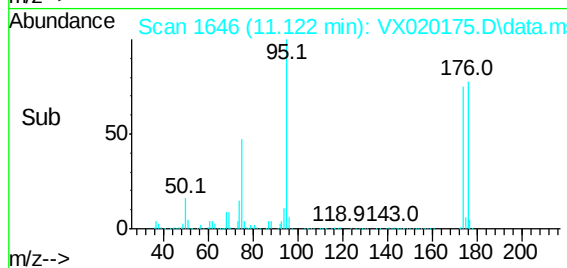
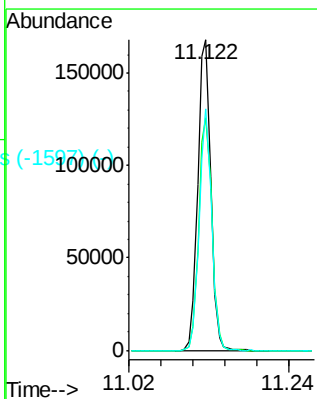
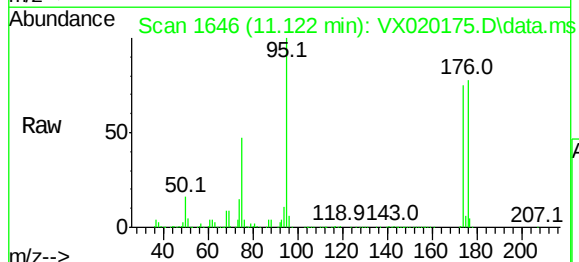


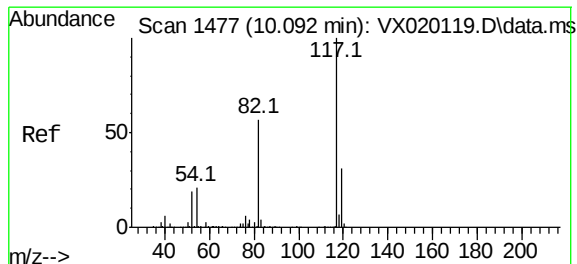
Tgt Ion: 98 Resp: 603752  
Ion Ratio Lower Upper  
98 100  
100 65.8 51.9 77.9



#639 (-)  
4-Bromofluorobenzene  
Concen: 45.32 ug/l  
RT: 11.122 min Scan# 1646  
Delta R.T. 0.000 min  
Lab File: VX020175.D  
Acq: 19 Dec 2020 16:47

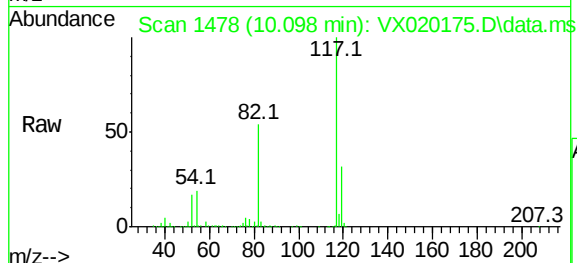
Tgt Ion: 95 Resp: 213580  
Ion Ratio Lower Upper  
95 100  
174 76.2 0.0 154.6  
176 74.2 0.0 155.8



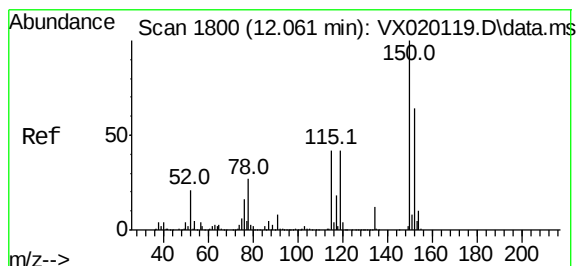
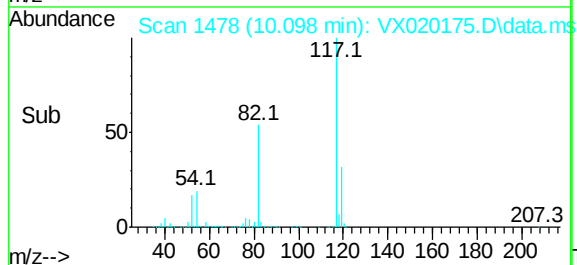
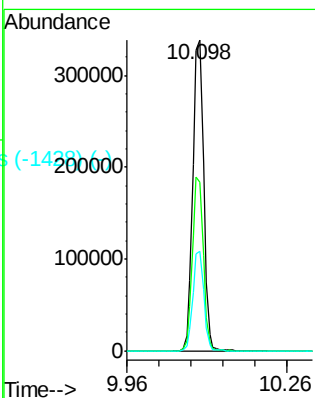


#6270 (-)  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.098 min Scan# 1478  
Delta R.T. 0.006 min  
Lab File: VX020175.D  
Acq: 19 Dec 2020 16:47

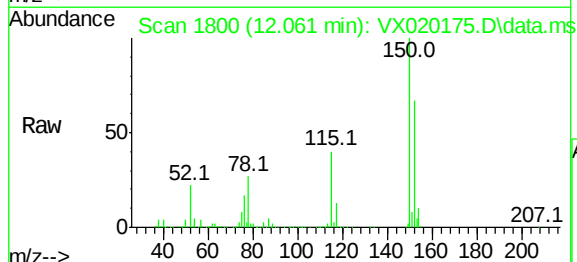
Instrument :  
MSVOA\_X  
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|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 465413 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 82        | 54.2  | 47.4  | 71.2   |
| 119       | 31.9  | 26.6  | 39.8   |



#7294 (-)  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.061 min Scan# 1800  
Delta R.T. -0.000 min  
Lab File: VX020175.D  
Acq: 19 Dec 2020 16:47



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 204652 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 59.6  | 41.1  | 123.3  |
| 150       | 154.0 | 0.0   | 349.0  |

