

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121920\  
 Data File : VX020206.D  
 Acq On : 20 Dec 2020 05:33  
 Operator : JC/MD  
 Sample : L5095-16  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 39-MW13D-121420

Quant Time: Dec 21 02:44:34 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      | 5.623  | 168  | 286618   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.830  | 114  | 485745   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.092 | 117  | 445664   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.061 | 152  | 191150   | 50.00 | ug/l  | 0.00     |

|                             |        |       |          |          |      |        |
|-----------------------------|--------|-------|----------|----------|------|--------|
| System Monitoring Compounds |        |       |          |          |      |        |
| 33) 1,2-Dichloroethane-d4   | 6.031  | 65    | 190337   | 49.54    | ug/l | 0.00   |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =    | 99.08% |
| 35) Dibromofluoromethane    | 5.464  | 113   | 151848   | 48.87    | ug/l | 0.00   |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =    | 97.74% |
| 50) Toluene-d8              | 8.695  | 98    | 584460   | 48.86    | ug/l | 0.00   |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =    | 97.72% |
| 62) 4-Bromofluorobenzene    | 11.122 | 95    | 204888   | 44.76    | ug/l | 0.00   |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =    | 89.52% |

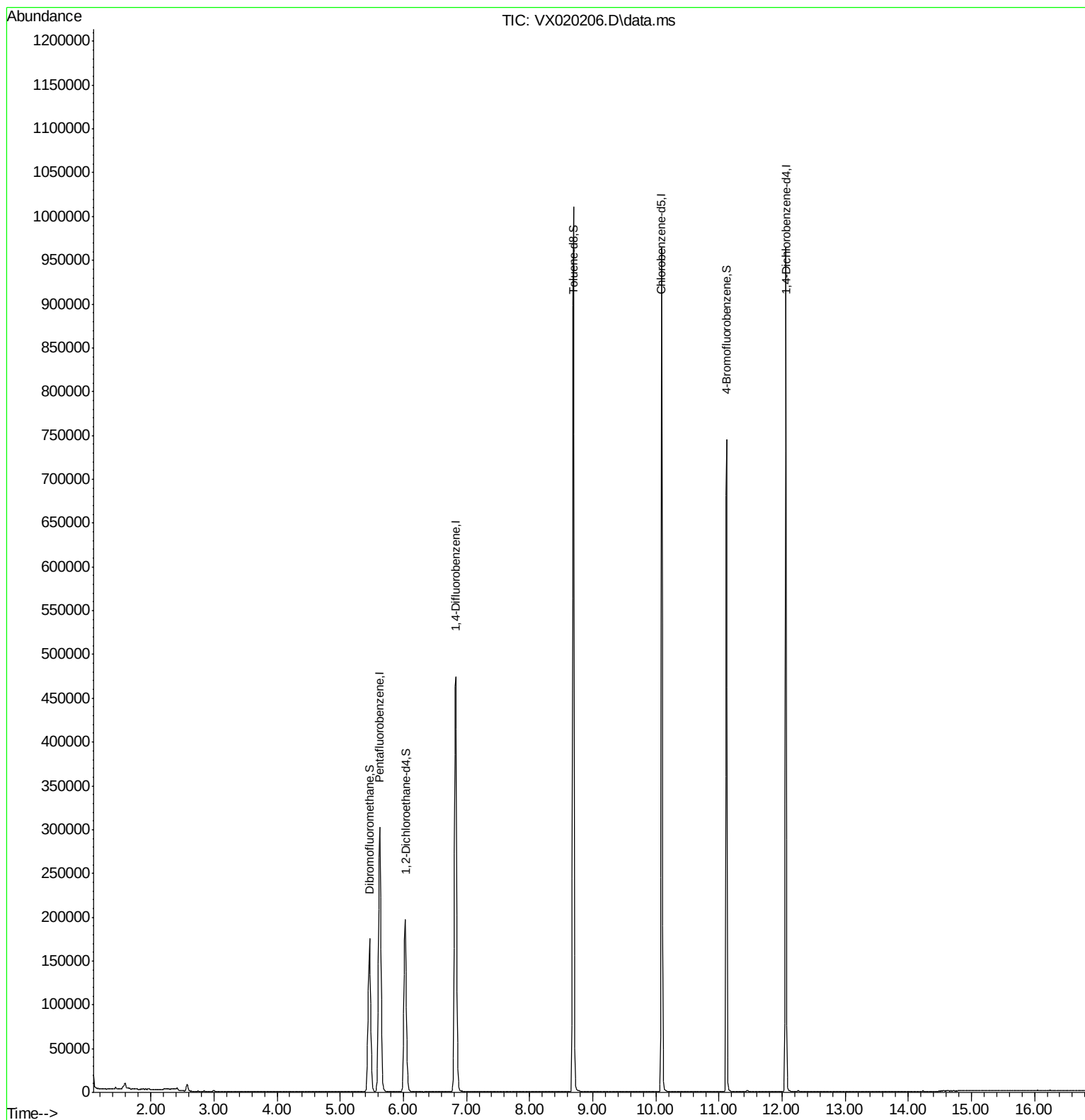
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

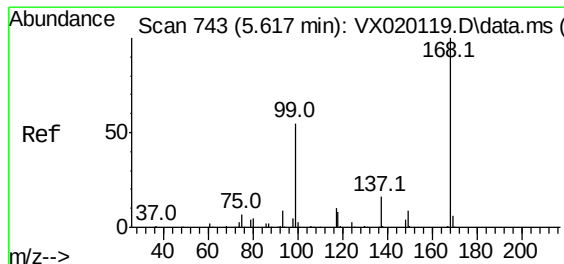
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 44 Sample Multiplier: 1

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39-MW13D-121420

Quant Time: Dec 21 02:44:34 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

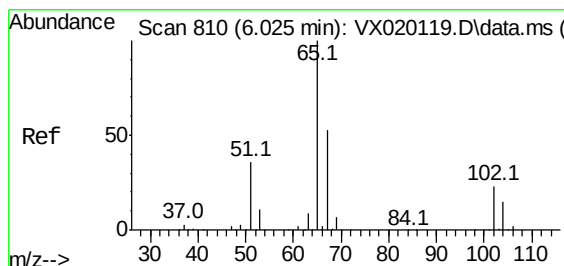
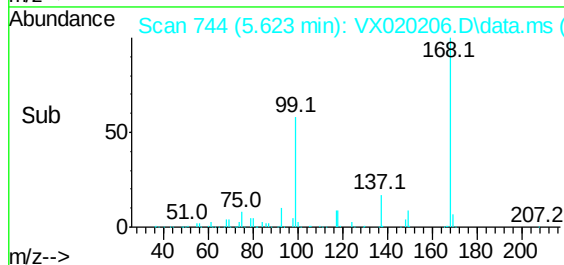
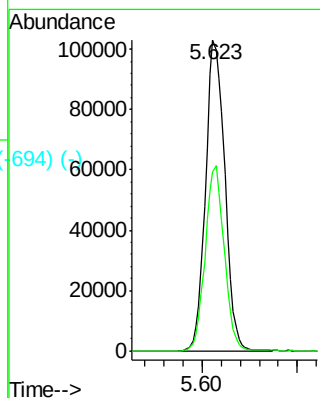
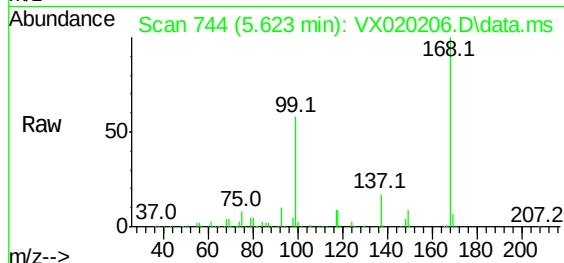




Pentafuorobenzene  
Concen: 50.00 ug/l  
RT: 5.623 min Scan# 744  
Delta R.T. 0.006 min  
Lab File: VX020206.D  
Acq: 20 Dec 2020 05:33

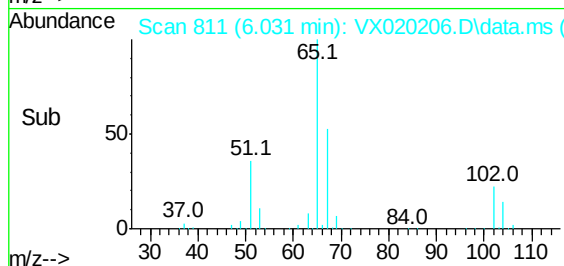
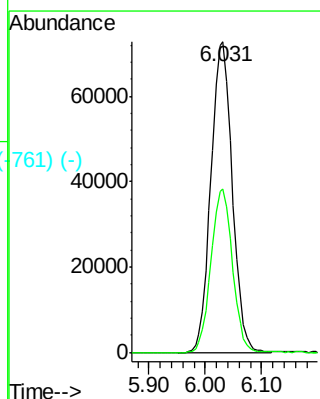
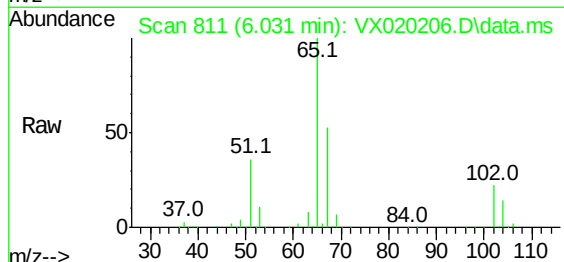
Instrument :  
MSVOA\_X  
ClientSampleId :  
39-MW13D-121420

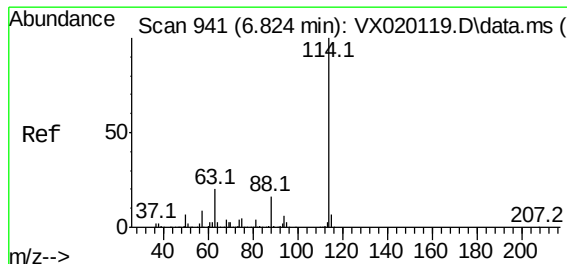
Tgt Ion:168 Resp: 286618  
Ion Ratio Lower Upper  
168 100  
99 57.6 45.8 68.6



1,2-Dichloroethane-d4  
Concen: 49.54 ug/l  
RT: 6.031 min Scan# 811  
Delta R.T. 0.006 min  
Lab File: VX020206.D  
Acq: 20 Dec 2020 05:33

Tgt Ion: 65 Resp: 190337  
Ion Ratio Lower Upper  
65 100  
67 53.0 0.0 105.4

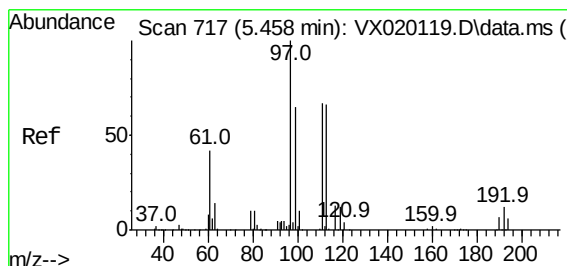
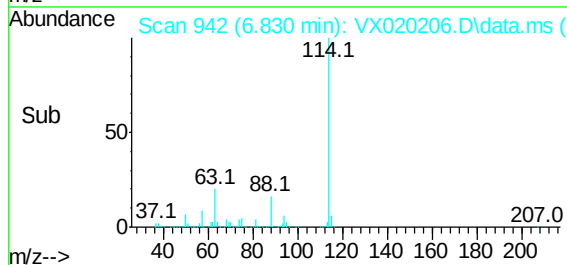
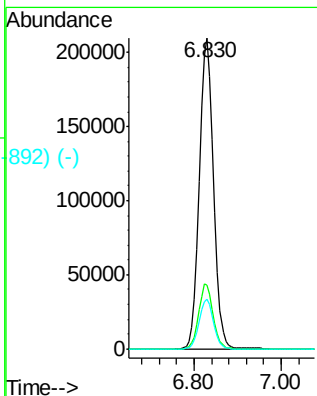
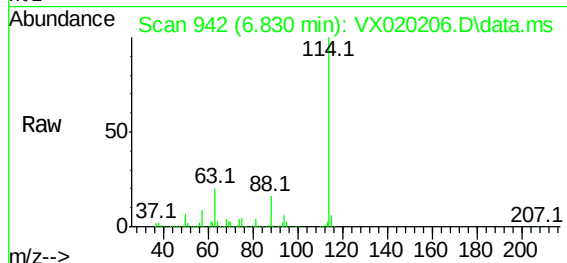




1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.830 min Scan# 942  
Delta R.T. 0.006 min  
Lab File: VX020206.D  
Acq: 20 Dec 2020 05:33

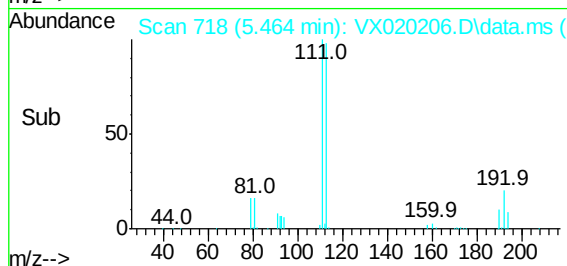
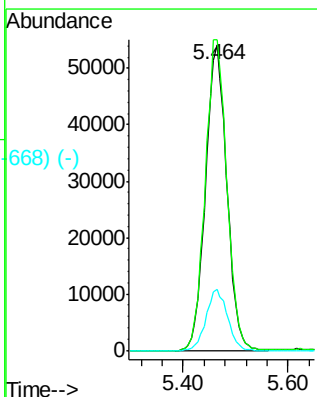
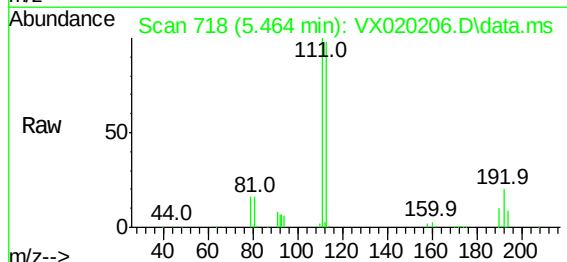
Instrument :  
MSVOA\_X  
ClientSampleId :  
39-MW13D-121420

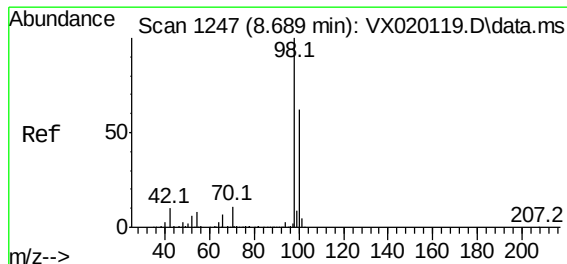
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 114   | Resp: | 485745 |
| Ion Ratio | Lower | Upper |        |
| 114       | 100   |       |        |
| 63        | 20.3  | 0.0   | 40.8   |
| 88        | 16.0  | 0.0   | 32.8   |



Dibromofluoromethane  
Concen: 48.87 ug/l  
RT: 5.464 min Scan# 718  
Delta R.T. 0.006 min  
Lab File: VX020206.D  
Acq: 20 Dec 2020 05:33

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 113   | Resp: | 151848 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 103.5 | 81.9  | 122.9  |
| 192       | 20.0  | 16.7  | 25.1   |

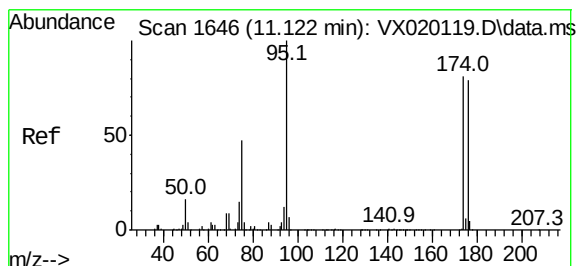
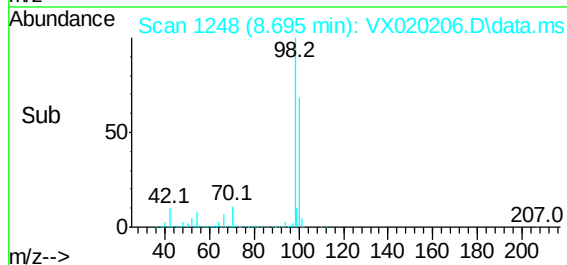
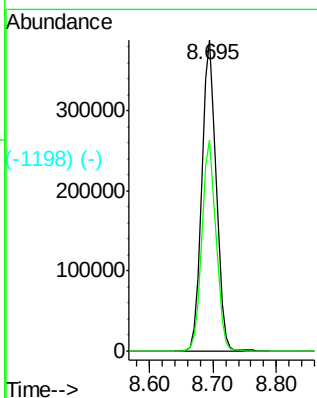
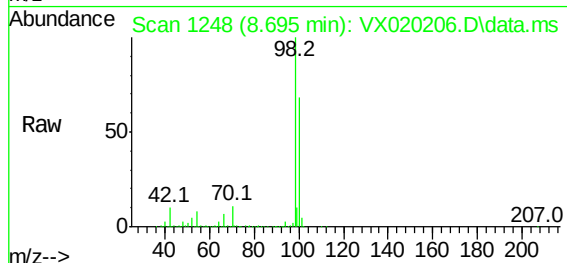




#509 (-)  
Toluene-d8  
Concen: 48.86 ug/l  
RT: 8.695 min Scan# 1248  
Delta R.T. 0.006 min  
Lab File: VX020206.D  
Acq: 20 Dec 2020 05:33

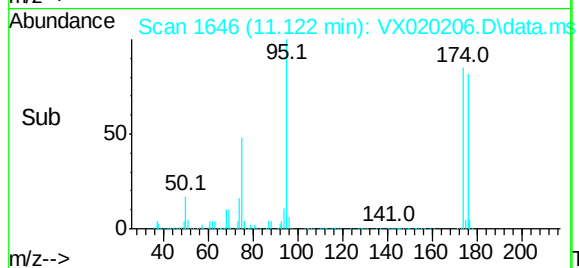
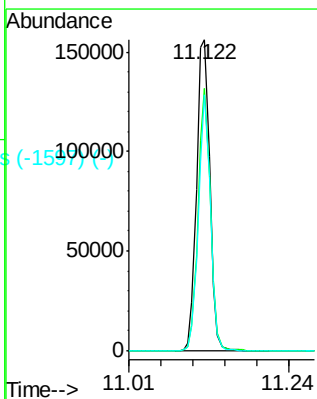
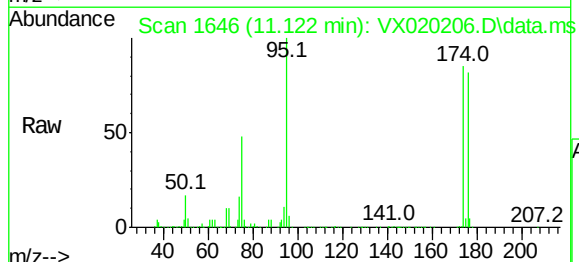
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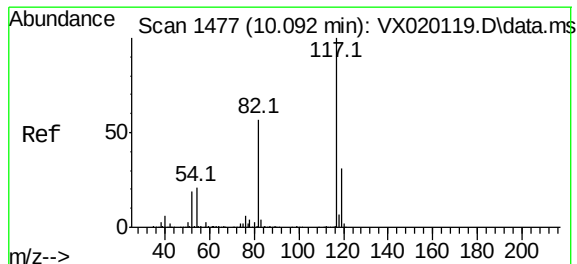
Tgt Ion: 98 Resp: 584460  
Ion Ratio Lower Upper  
98 100  
100 67.1 51.9 77.9



#639 (-)  
4-Bromofluorobenzene  
Concen: 44.76 ug/l  
RT: 11.122 min Scan# 1646  
Delta R.T. -0.000 min  
Lab File: VX020206.D  
Acq: 20 Dec 2020 05:33

Tgt Ion: 95 Resp: 204888  
Ion Ratio Lower Upper  
95 100  
174 78.1 0.0 154.6  
176 74.6 0.0 155.8

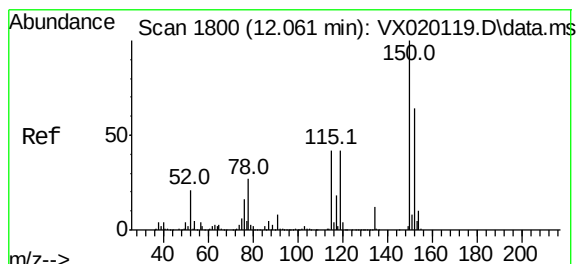
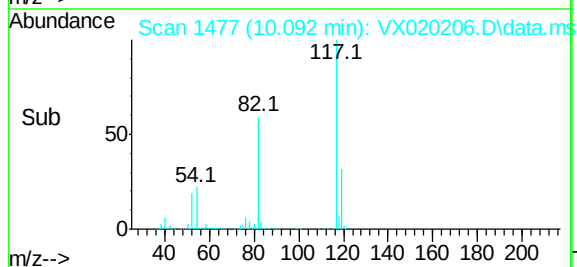
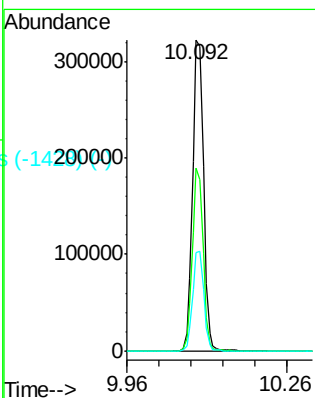
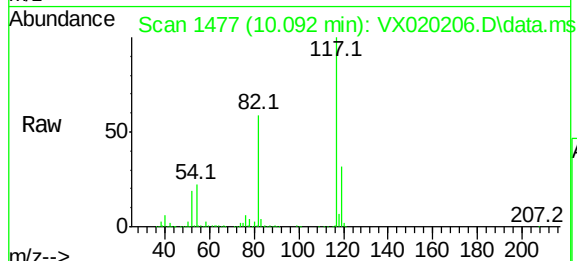




#6270 (-)  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.092 min Scan# 1477  
Delta R.T. -0.000 min  
Lab File: VX020206.D  
Acq: 20 Dec 2020 05:33

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MSVOA\_X  
ClientSampleId :  
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|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 445664 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 82        | 58.8  | 47.4  | 71.2   |
| 119       | 31.8  | 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: VX020206.D  
Acq: 20 Dec 2020 05:33

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 191150 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 61.0  | 41.1  | 123.3  |
| 150       | 159.8 | 0.0   | 349.0  |

