

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031121\  
 Data File : VX021163.D  
 Acq On : 11 Mar 2021 17:59  
 Operator : JC/MD  
 Sample : M1647-20 50X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 COMP4-41735-30780

Quant Time: Mar 12 02:23:04 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022421W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 24 13:50:55 2021  
 Response via : Initial Calibration

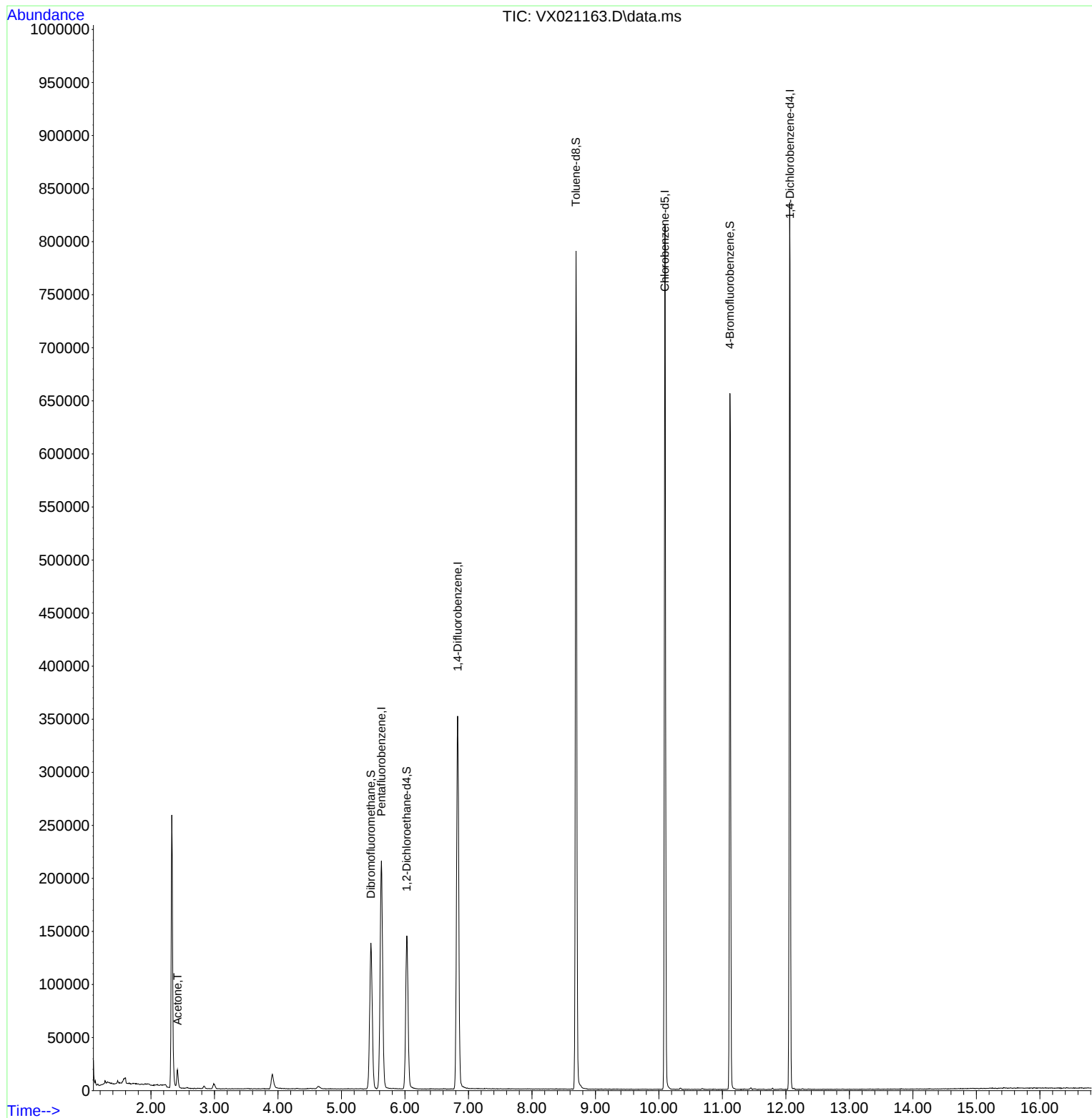
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|-------|-----------|
| -----                       |        |       |          |          |       |           |
| Internal Standards          |        |       |          |          |       |           |
| 1) Pentafluorobenzene       | 5.629  | 168   | 207864   | 50.00    | ug/l  | 0.00      |
| 34) 1,4-Difluorobenzene     | 6.829  | 114   | 375612   | 50.00    | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 10.094 | 117   | 376116   | 50.00    | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 12.065 | 152   | 176723   | 50.00    | ug/l  | 0.00      |
| System Monitoring Compounds |        |       |          |          |       |           |
| 33) 1,2-Dichloroethane-d4   | 6.029  | 65    | 136186   | 48.50    | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =     | 97.00%    |
| 35) Dibromofluoromethane    | 5.464  | 113   | 119554   | 52.39    | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =     | 104.78%   |
| 50) Toluene-d8              | 8.694  | 98    | 474882   | 53.37    | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =     | 106.74%   |
| 62) 4-Bromofluorobenzene    | 11.118 | 95    | 189487   | 57.59    | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =     | 115.18%   |
| Target Compounds            |        |       |          |          |       |           |
| 16) Acetone                 | 2.417  | 43    | 16598    | 14.35    | ug/l  | Qvalue 97 |
| -----                       |        |       |          |          |       |           |

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

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Quant Title : SW846 8260  
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Response via : Initial Calibration

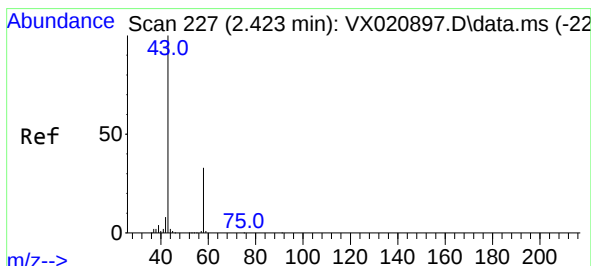
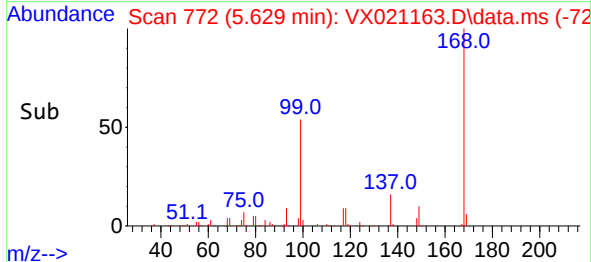
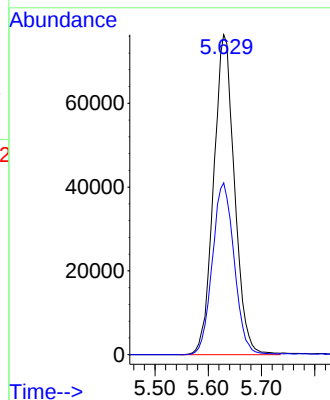
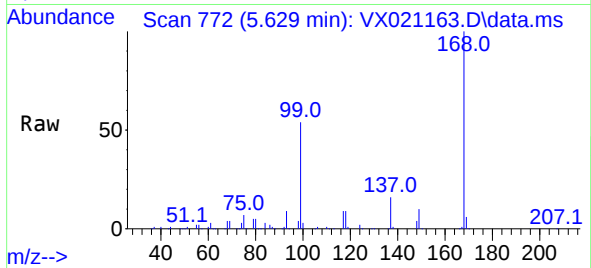




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.629 min Scan# 772  
Delta R.T. 0.006 min  
Lab File: VX021163.D  
Acq: 11 Mar 2021 17:59

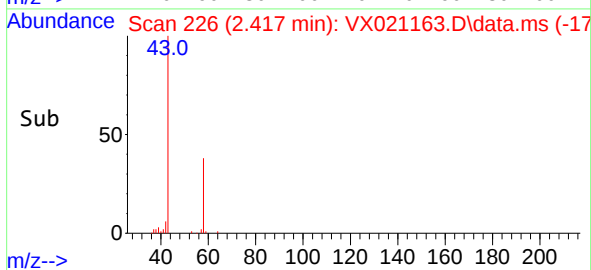
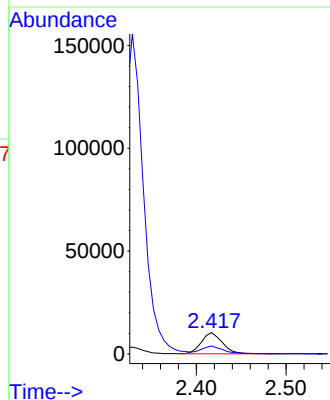
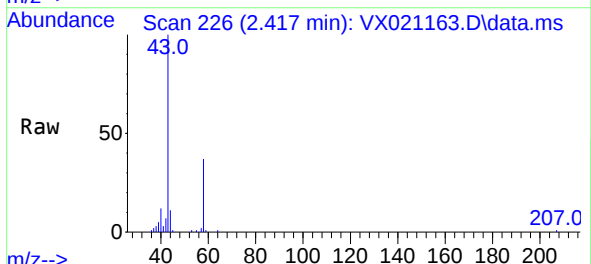
Instrument :  
MSVOA\_X  
ClientSampleId :  
COMP4-41735-30780

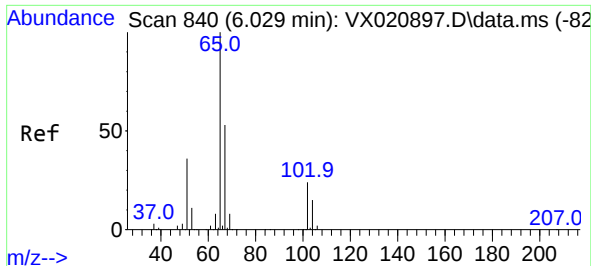
Tgt Ion:168 Resp: 207864  
Ion Ratio Lower Upper  
168 100  
99 53.7 45.8 68.6



#16  
Acetone  
Concen: 14.35 ug/l  
RT: 2.417 min Scan# 226  
Delta R.T. -0.006 min  
Lab File: VX021163.D  
Acq: 11 Mar 2021 17:59

Tgt Ion: 43 Resp: 16598  
Ion Ratio Lower Upper  
43 100  
58 36.5 27.8 41.8



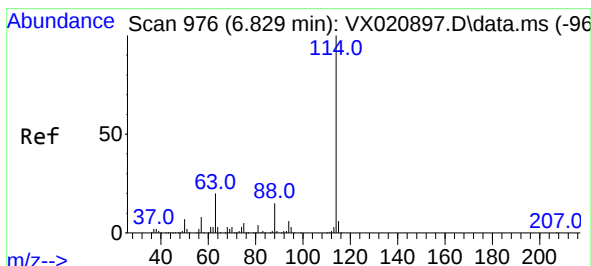
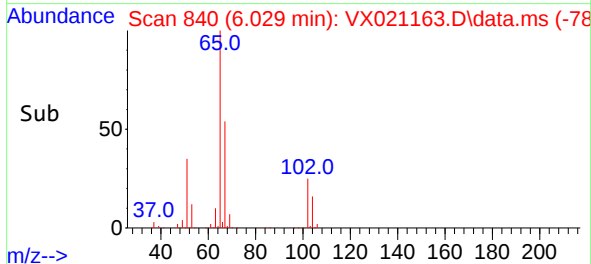
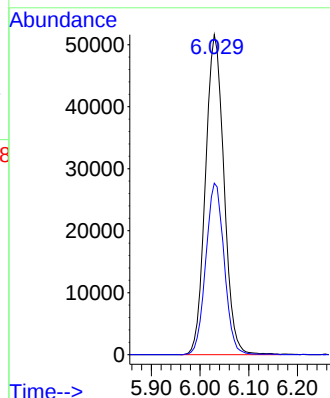
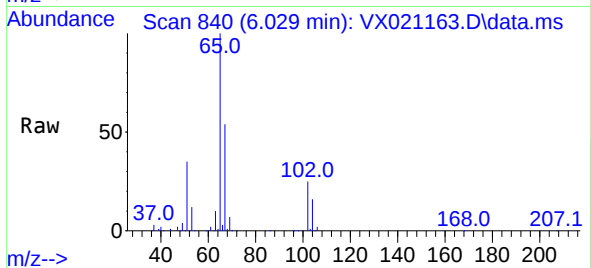


#33

1,2-Dichloroethane-d4  
Concen: 48.50 ug/l  
RT: 6.029 min Scan# 840  
Delta R.T. 0.000 min  
Lab File: VX021163.D  
Acq: 11 Mar 2021 17:59

Instrument :  
MSVOA\_X  
ClientSampleId :  
COMP4-41735-30780

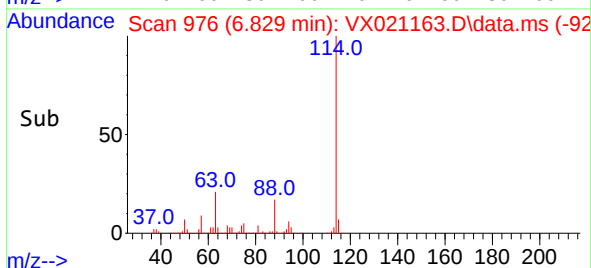
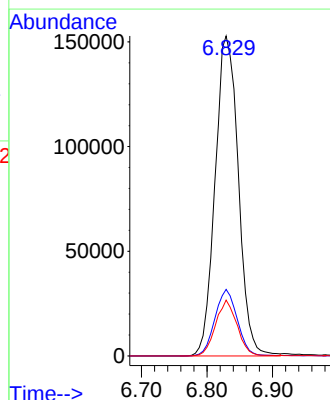
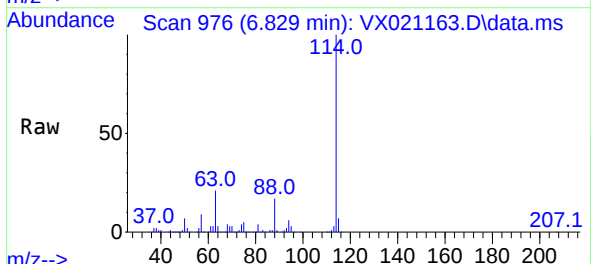
Tgt Ion: 65 Resp: 136186  
Ion Ratio Lower Upper  
65 100  
67 53.2 0.0 105.4

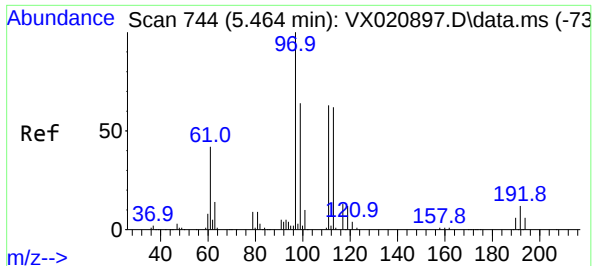


#34

1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.829 min Scan# 976  
Delta R.T. 0.000 min  
Lab File: VX021163.D  
Acq: 11 Mar 2021 17:59

Tgt Ion: 114 Resp: 375612  
Ion Ratio Lower Upper  
114 100  
63 20.8 0.0 40.8  
88 17.5 0.0 32.8

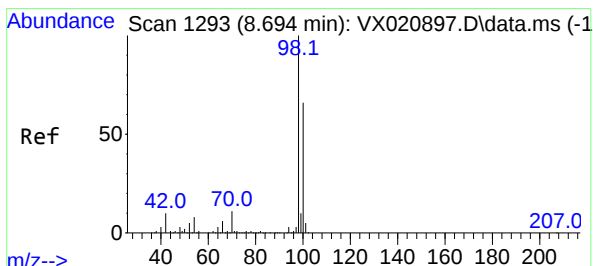
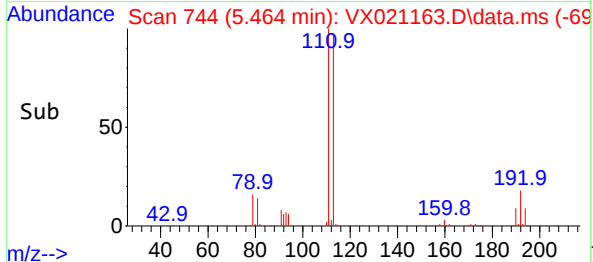
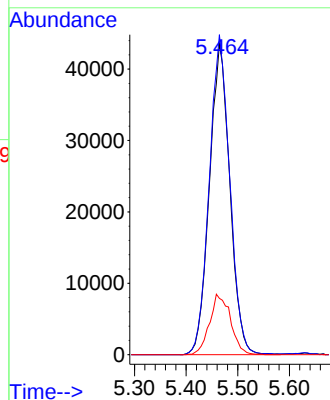
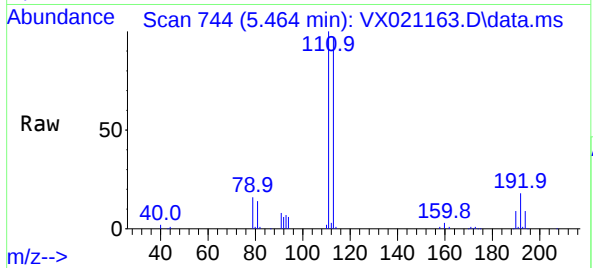




#35  
Dibromofluoromethane  
Concen: 52.39 ug/l  
RT: 5.464 min Scan# 744  
Delta R.T. 0.000 min  
Lab File: VX021163.D  
Acq: 11 Mar 2021 17:59

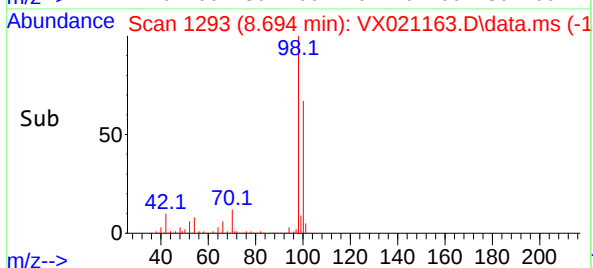
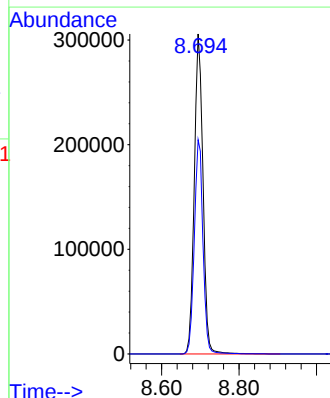
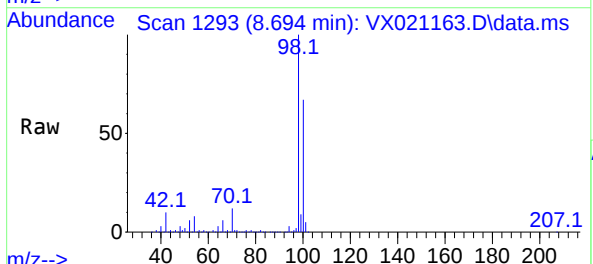
Instrument :  
MSVOA\_X  
ClientSampleId :  
COMP4-41735-30780

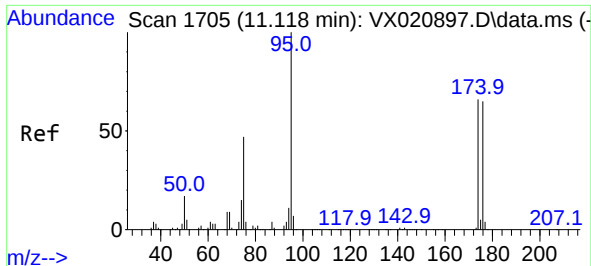
Tgt Ion:113 Resp: 119554  
Ion Ratio Lower Upper  
113 100  
111 103.0 81.9 122.9  
192 20.0 16.7 25.1



#50  
Toluene-d8  
Concen: 53.37 ug/l  
RT: 8.694 min Scan# 1293  
Delta R.T. 0.000 min  
Lab File: VX021163.D  
Acq: 11 Mar 2021 17:59

Tgt Ion: 98 Resp: 474882  
Ion Ratio Lower Upper  
98 100  
100 66.7 51.9 77.9

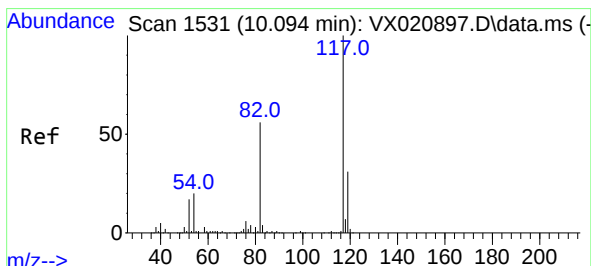
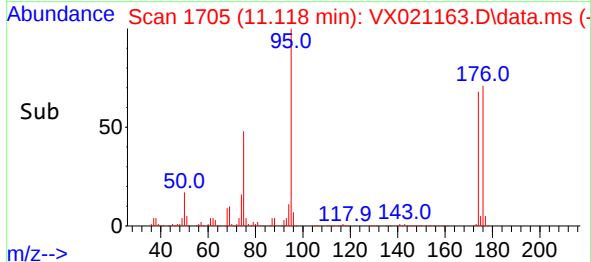
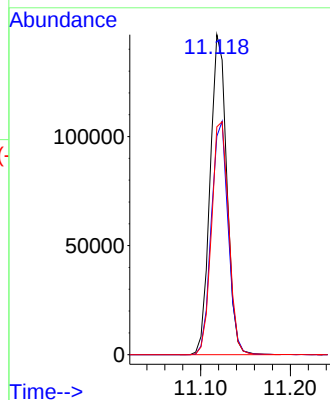
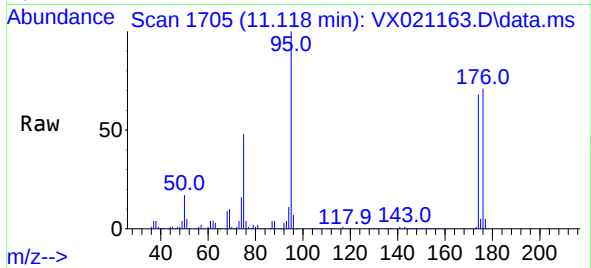




#62  
4-Bromofluorobenzene  
Concen: 57.59 ug/l  
RT: 11.118 min Scan# 1705  
Delta R.T. 0.000 min  
Lab File: VX021163.D  
Acq: 11 Mar 2021 17:59

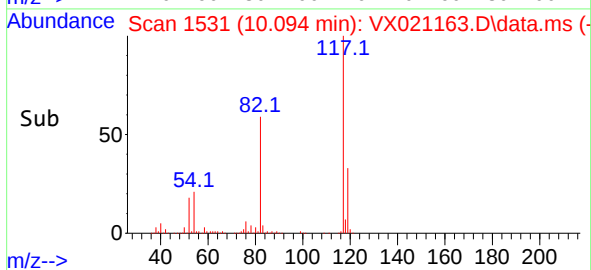
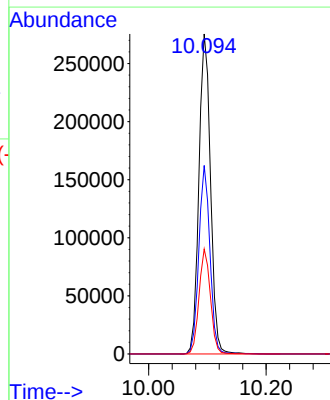
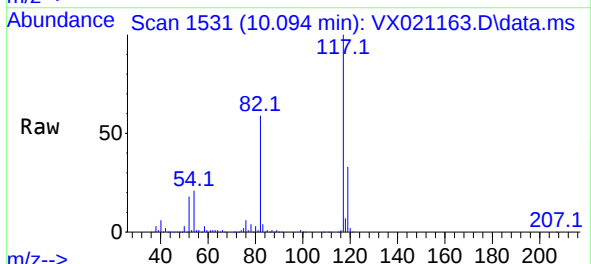
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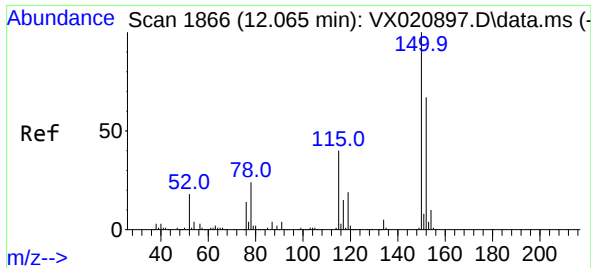
Tgt Ion: 95 Resp: 189487  
Ion Ratio Lower Upper  
95 100  
174 73.6 0.0 154.6  
176 74.8 0.0 155.8



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.094 min Scan# 1531  
Delta R.T. 0.000 min  
Lab File: VX021163.D  
Acq: 11 Mar 2021 17:59

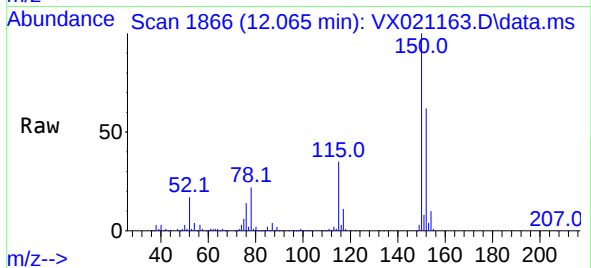
Tgt Ion:117 Resp: 376116  
Ion Ratio Lower Upper  
117 100  
82 58.9 47.4 71.2  
119 32.8 26.6 39.8





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 12.065 min Scan# 1866  
 Delta R.T. 0.000 min  
 Lab File: VX021163.D  
 Acq: 11 Mar 2021 17:59

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
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Tgt Ion:152 Resp: 176723  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 115 | 59.3  | 41.1  | 123.3 |
| 150 | 161.2 | 0.0   | 349.0 |

