

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY080122\  
 Data File : VY009806.D  
 Acq On : 01 Aug 2022 18:59  
 Operator : KP/MD  
 Sample : N3960-04  
 Misc : 2.83g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 RVE-152

Quant Time: Aug 02 01:42:19 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y072622S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jul 27 04:24:58 2022  
 Response via : Initial Calibration

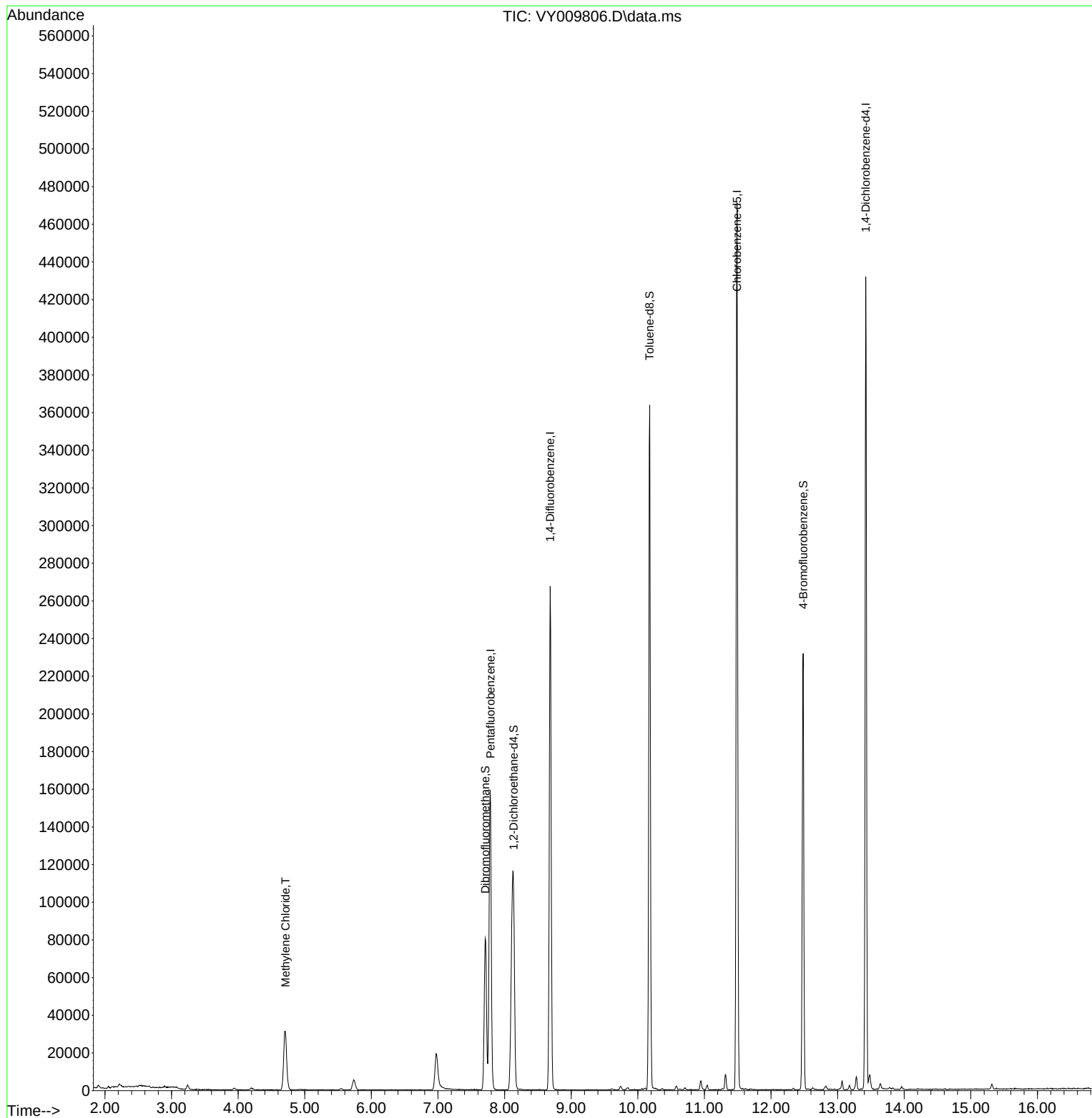
| Compound                    | R.T.   | QIon  | Response | Conc     | Units       | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------------|----------|
| -----                       |        |       |          |          |             |          |
| Internal Standards          |        |       |          |          |             |          |
| 1) Pentafluorobenzene       | 7.789  | 168   | 132939   | 50.000   | ug/l        | # 0.00   |
| 34) 1,4-Difluorobenzene     | 8.685  | 114   | 236353   | 50.000   | ug/l        | 0.00     |
| 63) Chlorobenzene-d5        | 11.489 | 117   | 267615   | 50.000   | ug/l        | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.422 | 152   | 112276   | 50.000   | ug/l        | 0.00     |
| System Monitoring Compounds |        |       |          |          |             |          |
| 33) 1,2-Dichloroethane-d4   | 8.136  | 65    | 60491    | 70.477   | ug/l        | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 140.960%  |          |
| 35) Dibromofluoromethane    | 7.710  | 113   | 57436    | 44.681   | ug/l        | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 89.360%   |          |
| 50) Toluene-d8              | 10.179 | 98    | 239161   | 65.170   | ug/l        | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 125 | Recovery | = 130.340%# |          |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 64923    | 38.089   | ug/l        | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 146 | Recovery | = 76.180%   |          |
| Target Compounds            |        |       |          |          |             |          |
|                             |        |       |          |          | Qvalue      |          |
| 20) Methylene Chloride      | 4.710  | 84    | 24533    | 7.931    | ug/l        | # 83     |
| -----                       |        |       |          |          |             |          |

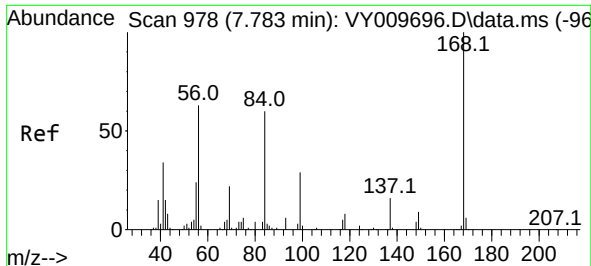
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : N3960-04  
Misc : 2.83g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
RVE-152

Quant Time: Aug 02 01:42:19 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y072622S.M  
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Response via : Initial Calibration

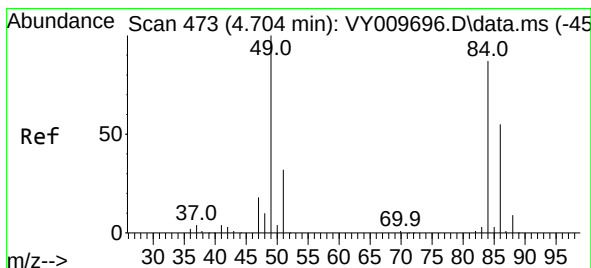
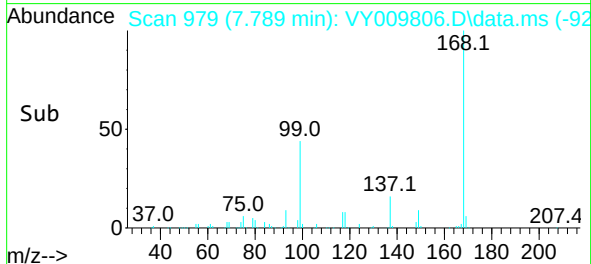
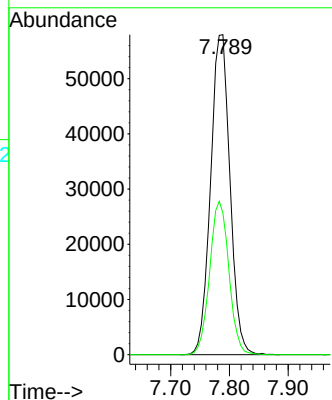
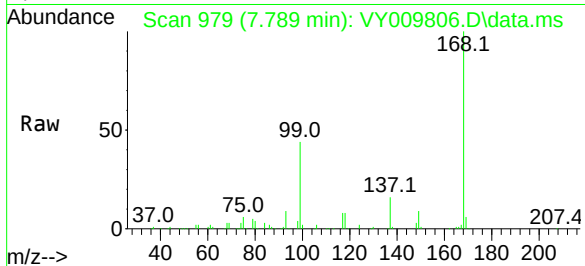




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY009806.D  
Acq: 01 Aug 2022 18:59

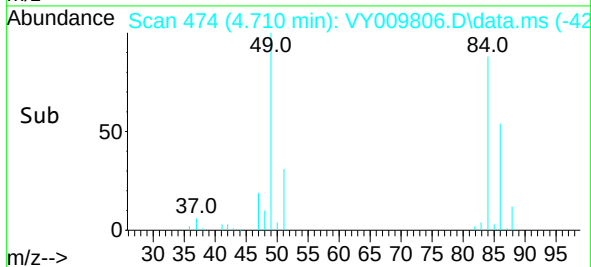
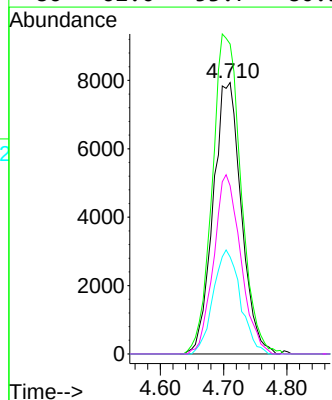
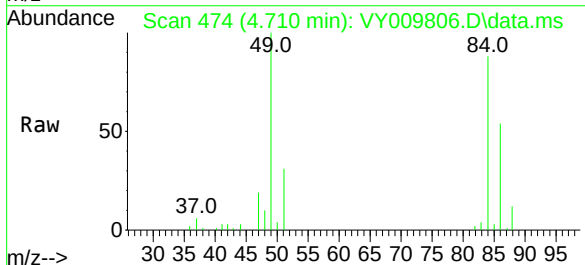
Instrument :  
MSVOA\_Y  
ClientSampleId :  
RVE-152

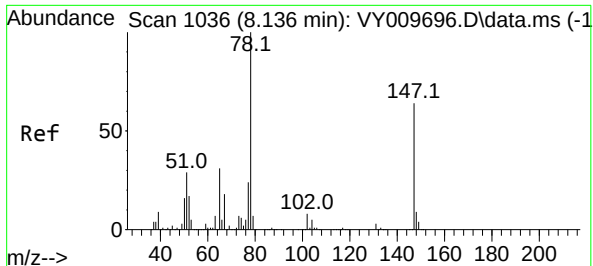
Tgt Ion:168 Resp: 132939  
Ion Ratio Lower Upper  
168 100  
99 44.3 46.9 70.3#



#20  
Methylene Chloride  
Concen: 7.931 ug/l  
RT: 4.710 min Scan# 474  
Delta R.T. 0.006 min  
Lab File: VY009806.D  
Acq: 01 Aug 2022 18:59

Tgt Ion: 84 Resp: 24533  
Ion Ratio Lower Upper  
84 100  
49 114.2 114.4 171.6#  
51 35.7 35.3 52.9  
86 62.0 53.7 80.5

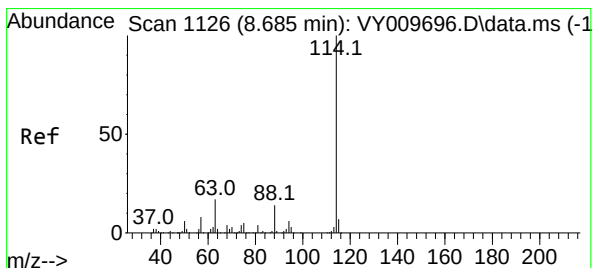
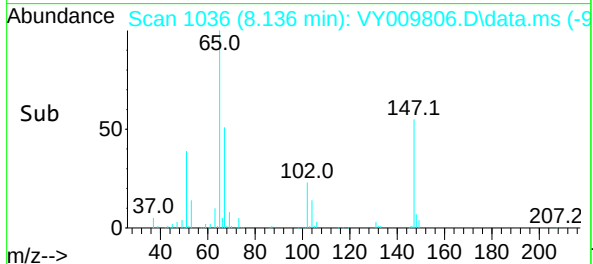
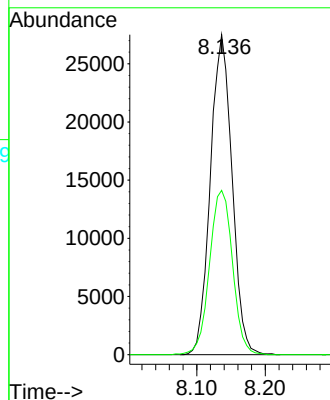
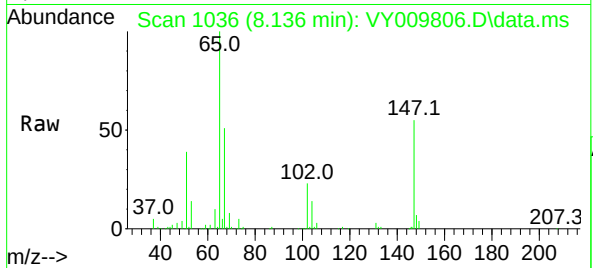




#33  
 1,2-Dichloroethane-d4  
 Concen: 70.477 ug/l  
 RT: 8.136 min Scan# 1036  
 Delta R.T. 0.000 min  
 Lab File: VY009806.D  
 Acq: 01 Aug 2022 18:59

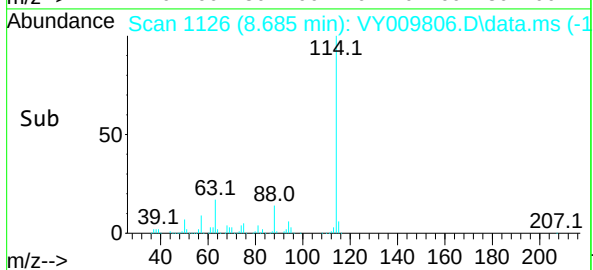
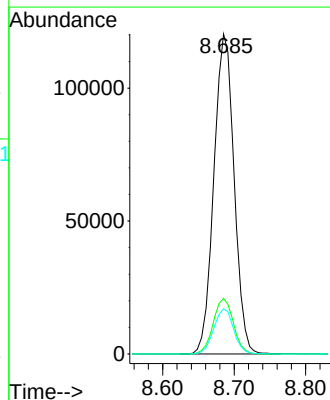
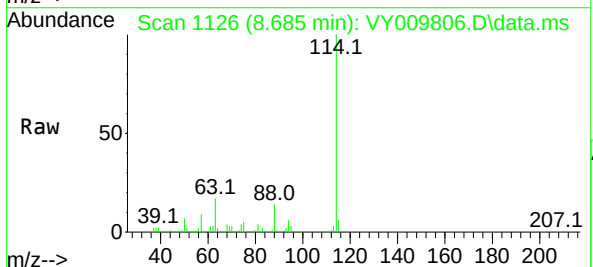
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 RVE-152

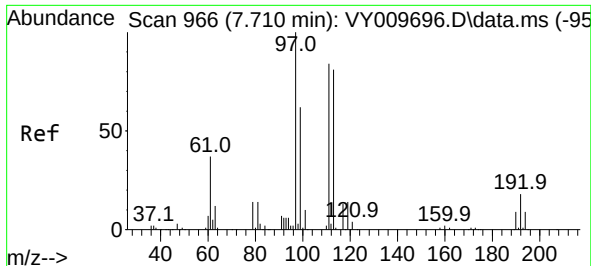
Tgt Ion: 65 Resp: 60491  
 Ion Ratio Lower Upper  
 65 100  
 67 54.5 0.0 99.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.685 min Scan# 1126  
 Delta R.T. 0.000 min  
 Lab File: VY009806.D  
 Acq: 01 Aug 2022 18:59

Tgt Ion: 114 Resp: 236353  
 Ion Ratio Lower Upper  
 114 100  
 63 17.4 0.0 43.2  
 88 14.1 0.0 31.8

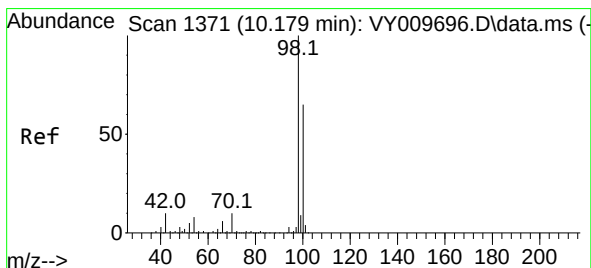
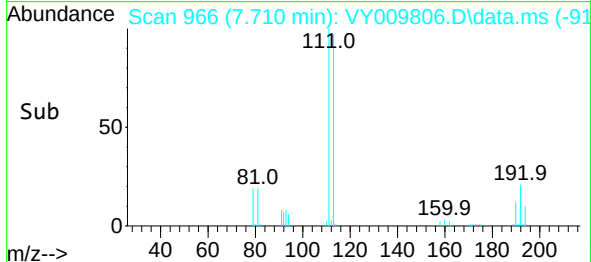
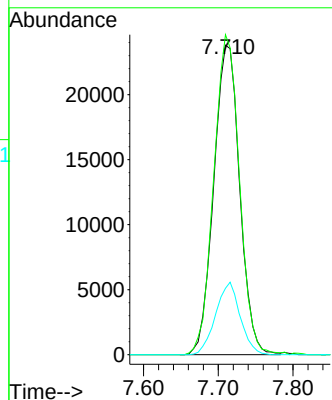
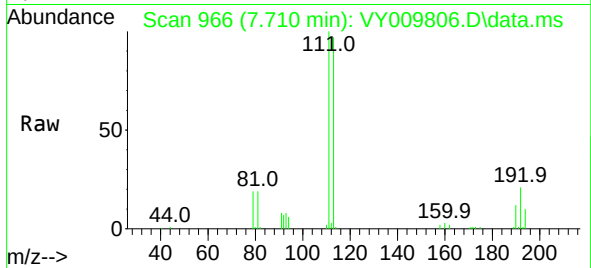




#35  
Dibromofluoromethane  
Concen: 44.681 ug/l  
RT: 7.710 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY009806.D  
Acq: 01 Aug 2022 18:59

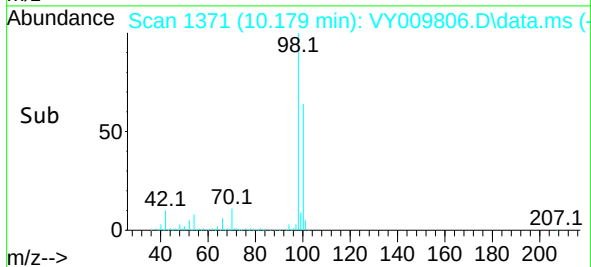
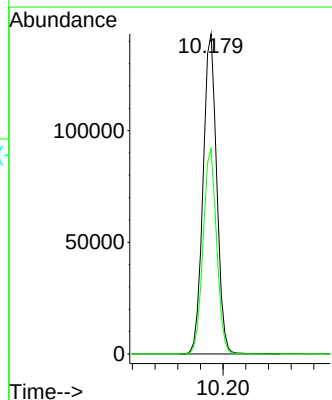
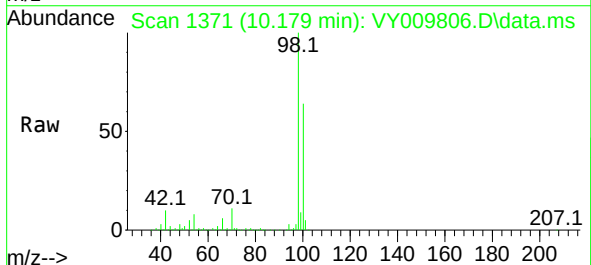
Instrument :  
MSVOA\_Y  
ClientSampleId :  
RVE-152

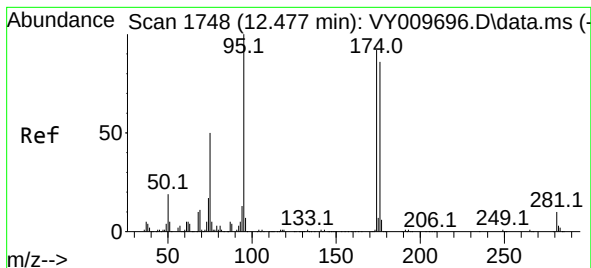
|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:113 | Resp: | 57436 |       |
| Ion         | Ratio | Lower | Upper |
| 113         | 100   |       |       |
| 111         | 102.3 | 82.6  | 124.0 |
| 192         | 22.1  | 17.6  | 26.4  |



#50  
Toluene-d8  
Concen: 65.170 ug/l  
RT: 10.179 min Scan# 1371  
Delta R.T. -0.000 min  
Lab File: VY009806.D  
Acq: 01 Aug 2022 18:59

|             |              |
|-------------|--------------|
| Tgt Ion: 98 | Resp: 239161 |
| Ion Ratio   | Lower Upper  |
| 98 100      |              |
| 100 63.7    | 50.2 75.2    |

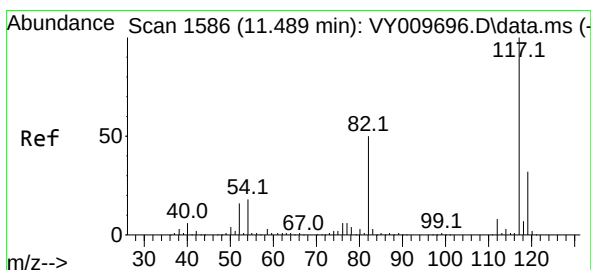
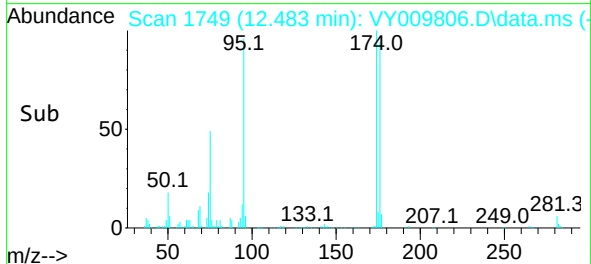
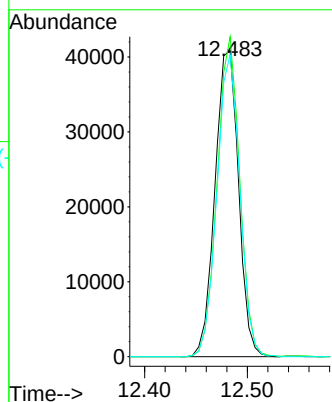
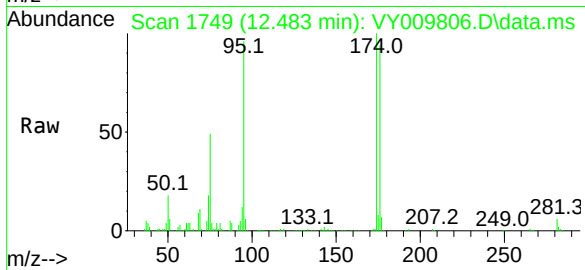




#62  
4-Bromofluorobenzene  
Concen: 38.089 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.006 min  
Lab File: VY009806.D  
Acq: 01 Aug 2022 18:59

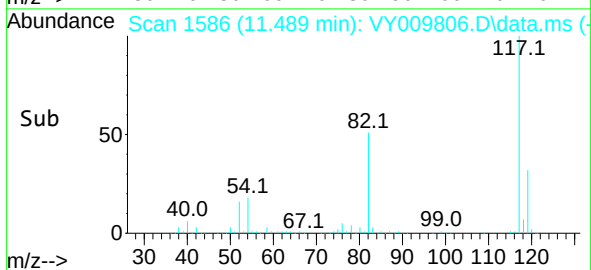
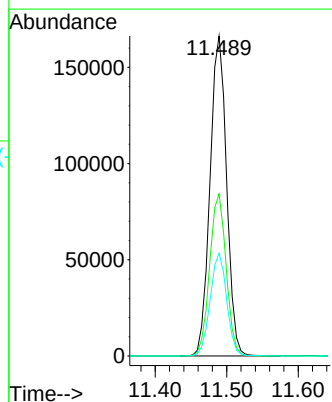
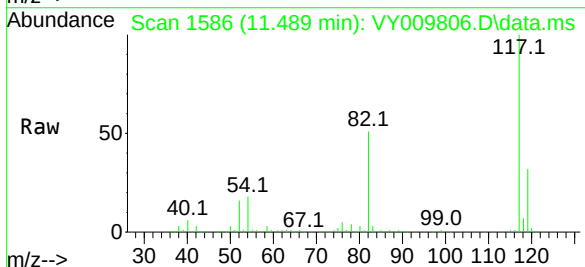
Instrument :  
MSVOA\_Y  
ClientSampleId :  
RVE-152

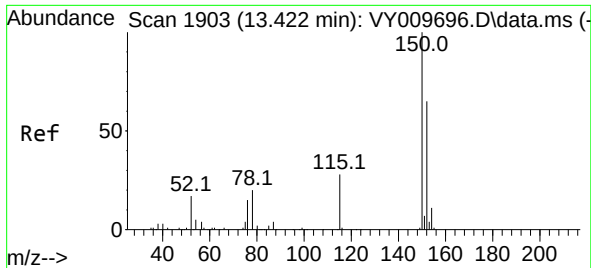
Tgt Ion: 95 Resp: 64923  
Ion Ratio Lower Upper  
95 100  
174 100.2 0.0 177.0  
176 96.0 0.0 175.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 1586  
Delta R.T. 0.000 min  
Lab File: VY009806.D  
Acq: 01 Aug 2022 18:59

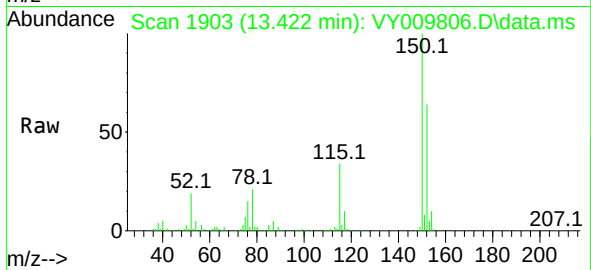
Tgt Ion: 117 Resp: 267615  
Ion Ratio Lower Upper  
117 100  
82 50.7 43.0 64.4  
119 32.1 25.4 38.0





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.422 min Scan# 1903  
 Delta R.T. -0.000 min  
 Lab File: VY009806.D  
 Acq: 01 Aug 2022 18:59

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 RVE-152



Tgt Ion:152 Resp: 112276  
 Ion Ratio Lower Upper  
 152 100  
 115 54.3 28.2 84.7  
 150 158.5 0.0 347.6

