

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY080122\  
 Data File : VY009797.D  
 Acq On : 01 Aug 2022 15:28  
 Operator : KP/MD  
 Sample : N3935-14  
 Misc : 3.41g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 RVE-144

Quant Time: Aug 02 01:39:48 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

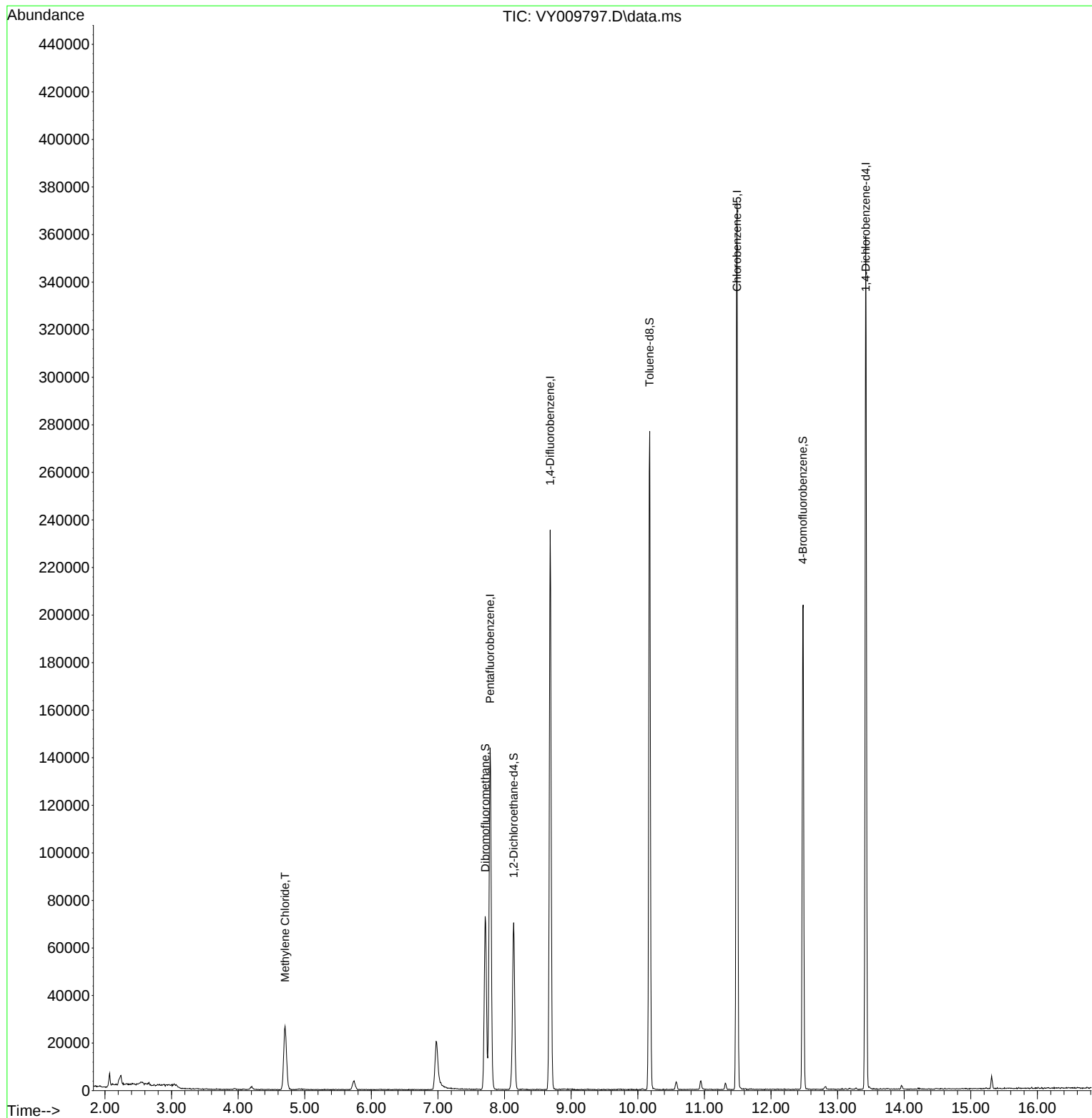
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 7.783  | 168   | 120205   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.685  | 114   | 202043   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.490 | 117   | 206364   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.422 | 152   | 94607    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.137  | 65    | 51501    | 66.023   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =      | 132.040% |
| 35) Dibromofluoromethane    | 7.710  | 113   | 50996    | 46.408   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =      | 92.820%  |
| 50) Toluene-d8              | 10.179 | 98    | 183043   | 57.863   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 125 | Recovery | =      | 115.720% |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 58634    | 40.241   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 146 | Recovery | =      | 80.480%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 20) Methylene Chloride      | 4.704  | 84    | 20277    | 6.218    | ug/l # | 82       |
| -----                       |        |       |          |          |        |          |

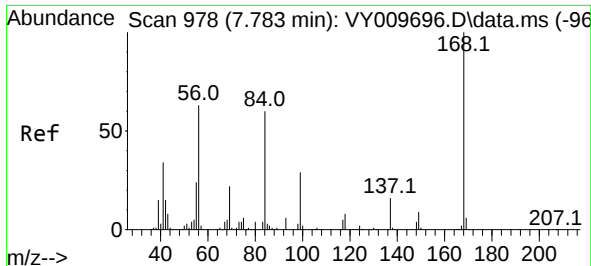
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY080122\  
Data File : VY009797.D  
Acq On : 01 Aug 2022 15:28  
Operator : KP/MD  
Sample : N3935-14  
Misc : 3.41g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
RVE-144

Quant Time: Aug 02 01:39:48 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

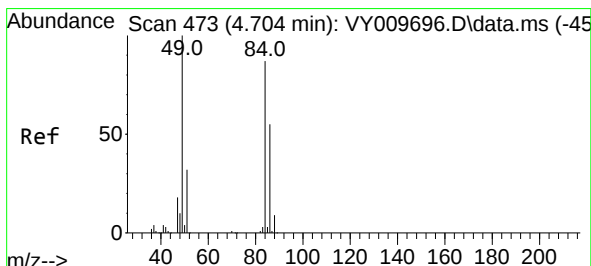
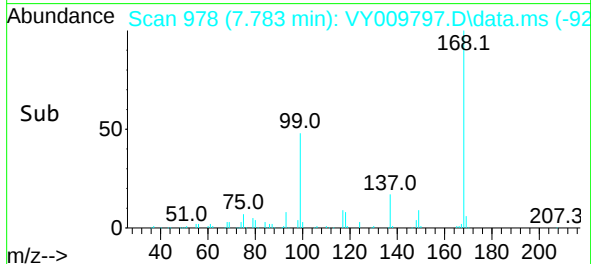
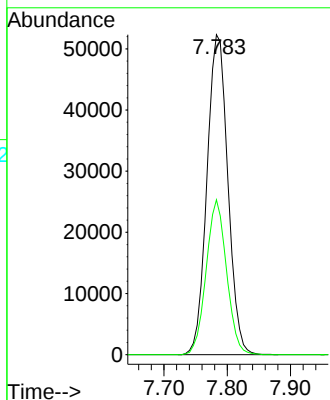
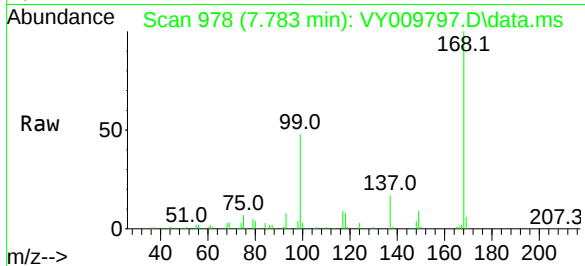




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY009797.D  
Acq: 01 Aug 2022 15:28

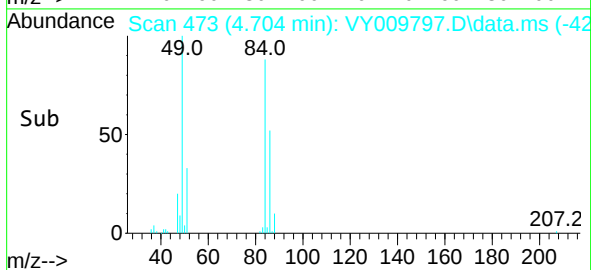
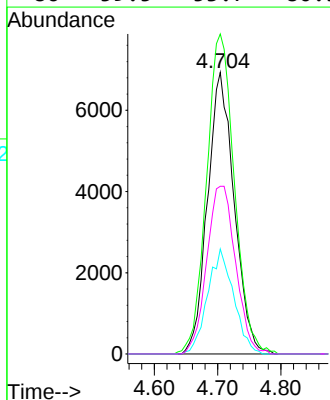
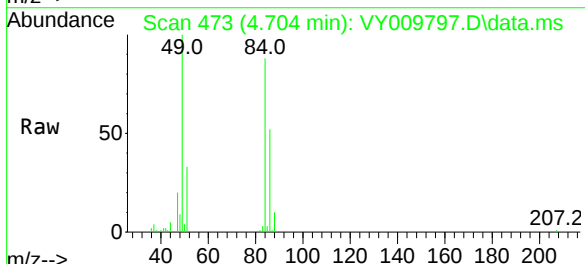
Instrument :  
MSVOA\_Y  
ClientSampleId :  
RVE-144

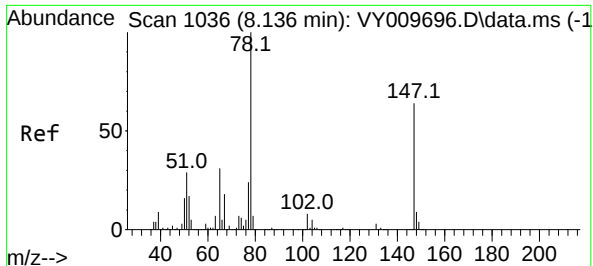
Tgt Ion:168 Resp: 120205  
Ion Ratio Lower Upper  
168 100  
99 48.4 46.9 70.3



#20  
Methylene Chloride  
Concen: 6.218 ug/l  
RT: 4.704 min Scan# 473  
Delta R.T. 0.000 min  
Lab File: VY009797.D  
Acq: 01 Aug 2022 15:28

Tgt Ion: 84 Resp: 20277  
Ion Ratio Lower Upper  
84 100  
49 113.7 114.4 171.6#  
51 37.3 35.3 52.9  
86 59.5 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 66.023 ug/l

RT: 8.137 min Scan# 1103

Delta R.T. 0.001 min

Lab File: VY009797.D

Acq: 01 Aug 2022 15:28

Instrument :

MSVOA\_Y

ClientSampleId :

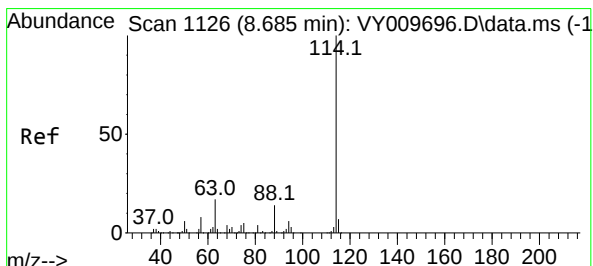
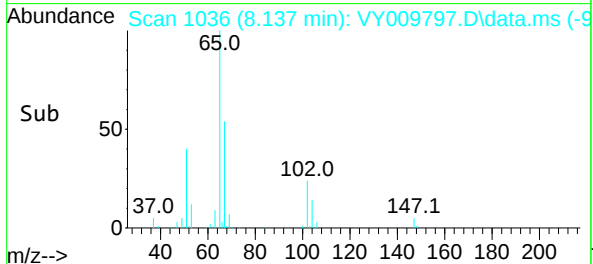
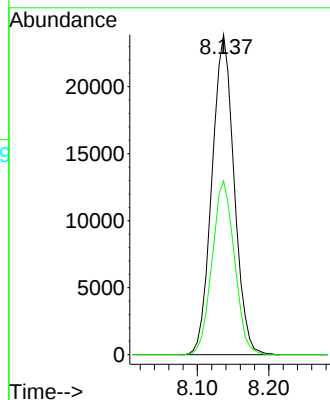
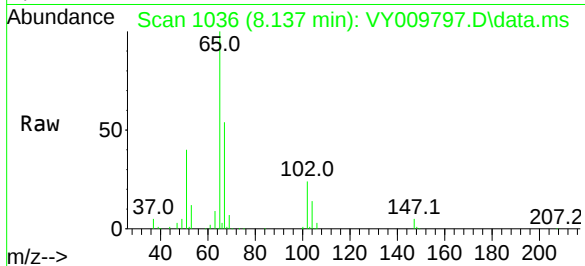
RVE-144

Tgt Ion: 65 Resp: 51501

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: VY009797.D

Acq: 01 Aug 2022 15:28

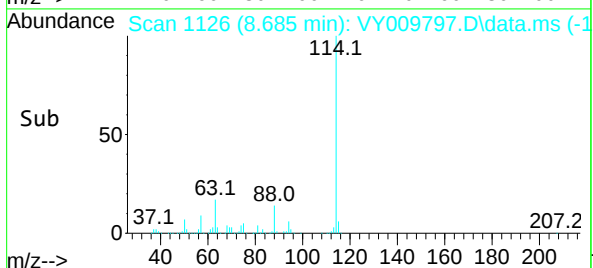
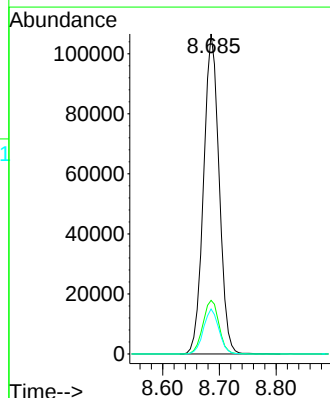
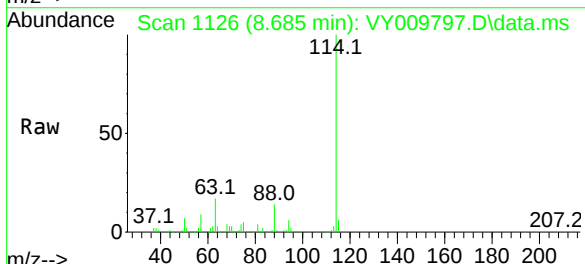
Tgt Ion: 114 Resp: 202043

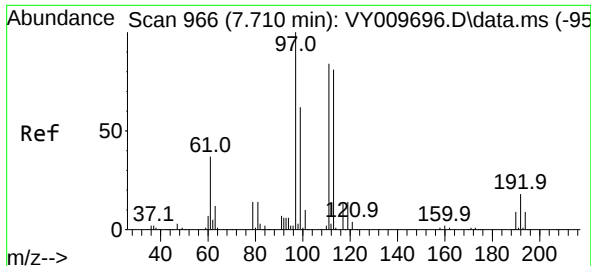
Ion Ratio Lower Upper

114 100

63 16.7 0.0 43.2

88 14.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 46.408 ug/l

RT: 7.710 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY009797.D

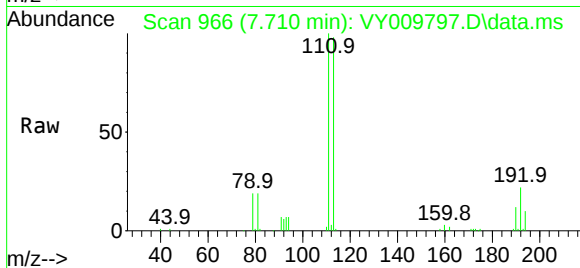
Acq: 01 Aug 2022 15:28

Instrument :

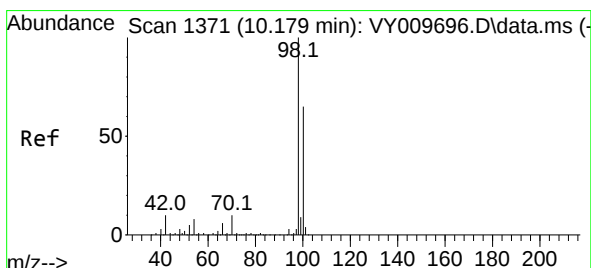
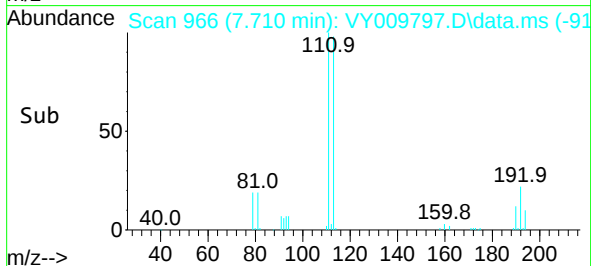
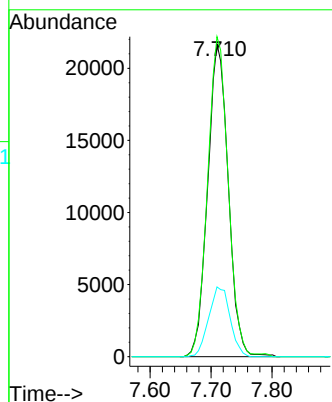
MSVOA\_Y

ClientSampleId :

RVE-144



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 50996 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 102.2 | 82.6  | 124.0 |
| 192      | 23.1  | 17.6  | 26.4  |



#50

Toluene-d8

Concen: 57.863 ug/l

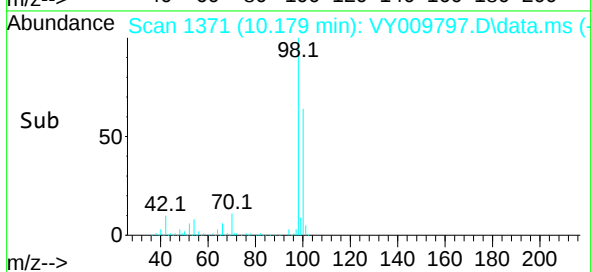
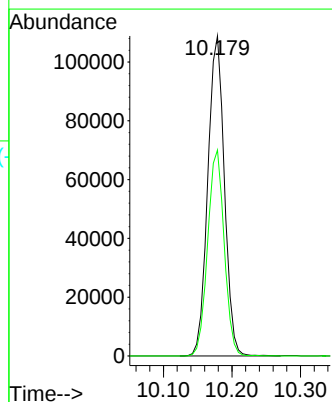
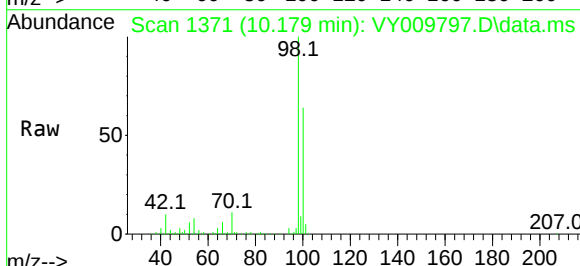
RT: 10.179 min Scan# 1371

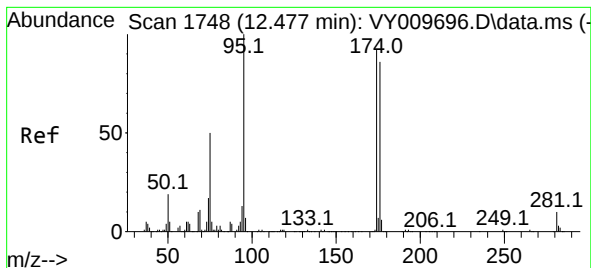
Delta R.T. -0.000 min

Lab File: VY009797.D

Acq: 01 Aug 2022 15:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 183043 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 64.1  | 50.2  | 75.2   |

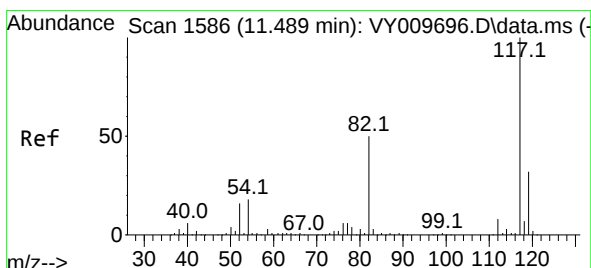
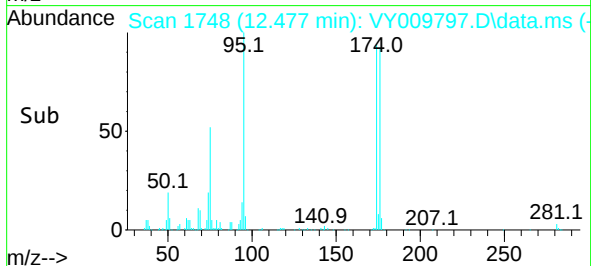
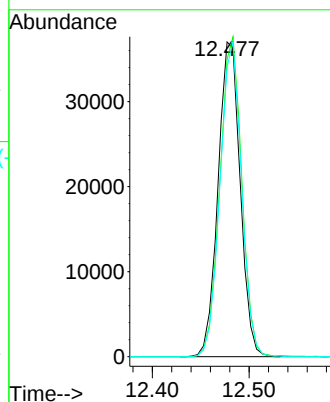
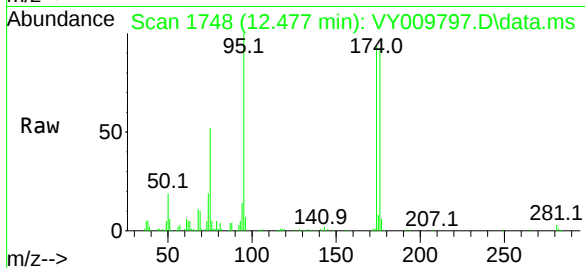




#62  
4-Bromofluorobenzene  
Concen: 40.241 ug/l  
RT: 12.477 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY009797.D  
Acq: 01 Aug 2022 15:28

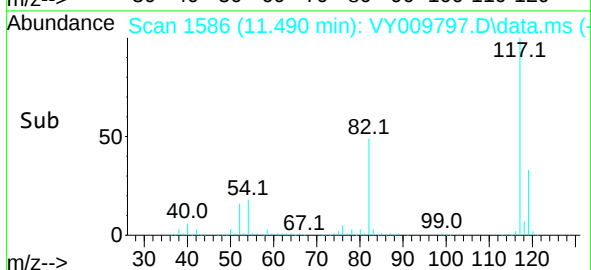
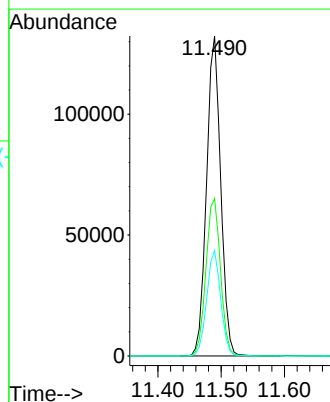
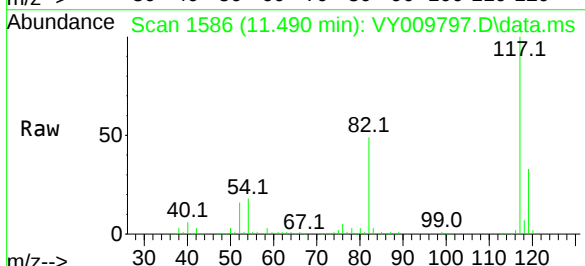
Instrument :  
MSVOA\_Y  
ClientSampleId :  
RVE-144

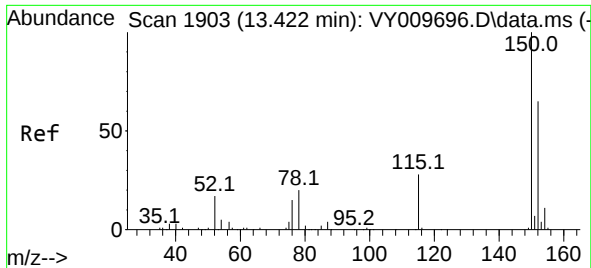
Tgt Ion: 95 Resp: 58634  
Ion Ratio Lower Upper  
95 100  
174 100.4 0.0 177.0  
176 97.0 0.0 175.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.490 min Scan# 1586  
Delta R.T. 0.001 min  
Lab File: VY009797.D  
Acq: 01 Aug 2022 15:28

Tgt Ion: 117 Resp: 206364  
Ion Ratio Lower Upper  
117 100  
82 49.2 43.0 64.4  
119 33.0 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: VY009797.D

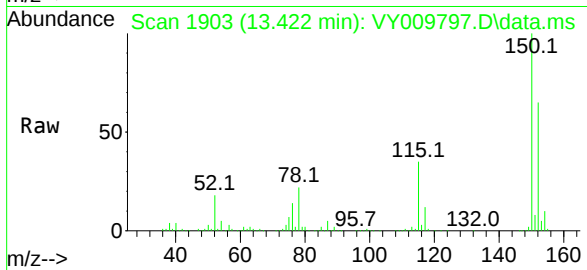
Acq: 01 Aug 2022 15:28

Instrument :

MSVOA\_Y

ClientSampleId :

RVE-144



Tgt Ion:152 Resp: 94607

Ion Ratio Lower Upper

152 100

115 52.9 28.2 84.7

150 155.6 0.0 347.6

