

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY080822\  
 Data File : VY009897.D  
 Acq On : 09 Aug 2022 01:58  
 Operator : KP/MD  
 Sample : N3963-20  
 Misc : 3.63g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 RVE-224

Quant Time: Aug 09 06:59:39 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y080822S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Aug 08 17:55:50 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.783  | 168  | 52400    | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.685  | 114  | 104850   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.489 | 117  | 103221   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.422 | 152  | 47630    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.136  | 65    | 24905    | 62.104   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 124.200% |
| 35) Dibromofluoromethane    | 7.710  | 113   | 23933    | 42.049   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 84.100%  |
| 50) Toluene-d8              | 10.173 | 98    | 86623    | 50.280   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 100.560% |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 27098    | 34.097   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 68.200%  |

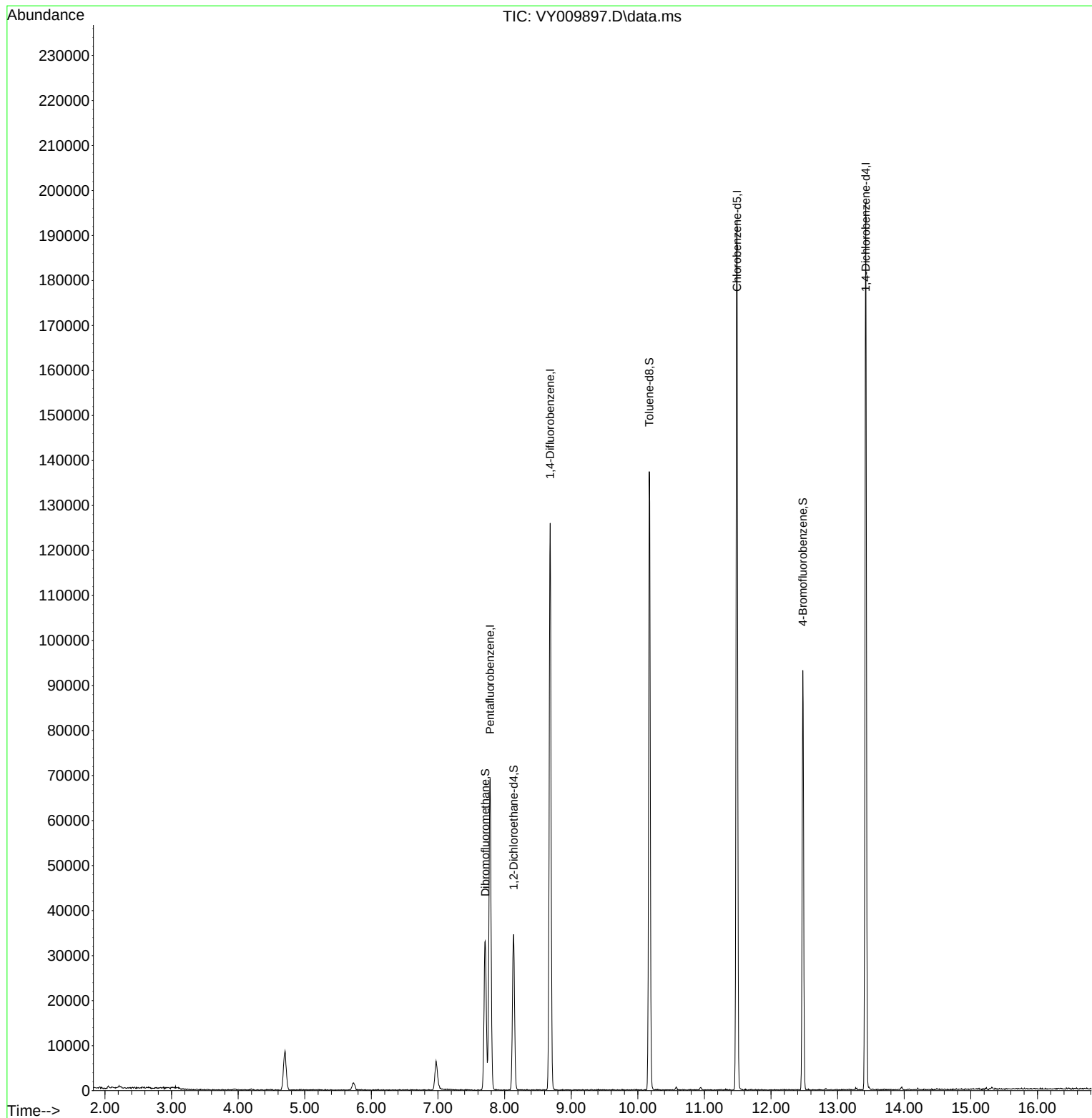
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

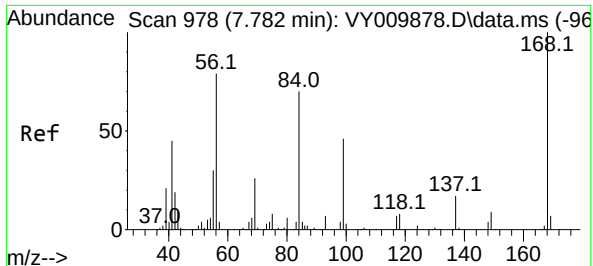
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY080822\  
Data File : VY009897.D  
Acq On : 09 Aug 2022 01:58  
Operator : KP/MD  
Sample : N3963-20  
Misc : 3.63g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
RVE-224

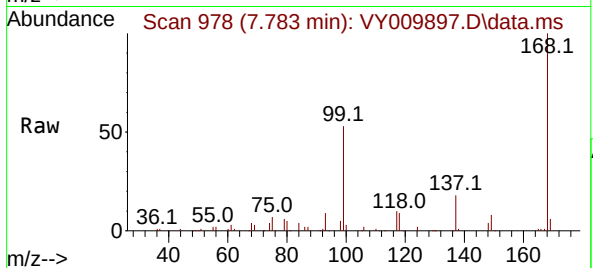
Quant Time: Aug 09 06:59:39 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y080822S.M  
Quant Title : SW846 8260  
QLast Update : Mon Aug 08 17:55:50 2022  
Response via : Initial Calibration



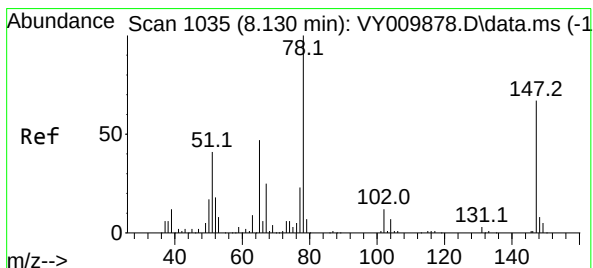
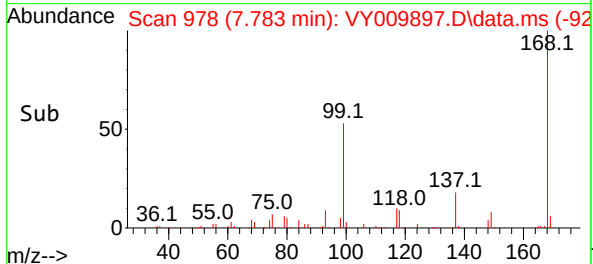
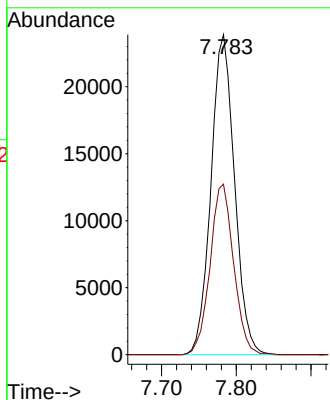


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. 0.001 min  
Lab File: VY009897.D  
Acq: 09 Aug 2022 01:58

Instrument :  
MSVOA\_Y  
ClientSampleId :  
RVE-224

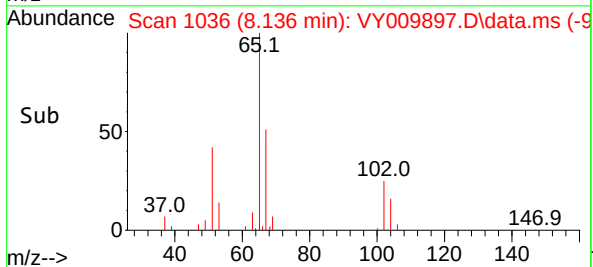
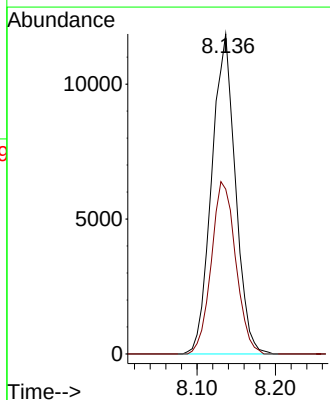
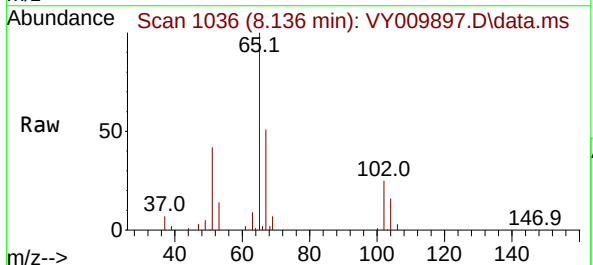


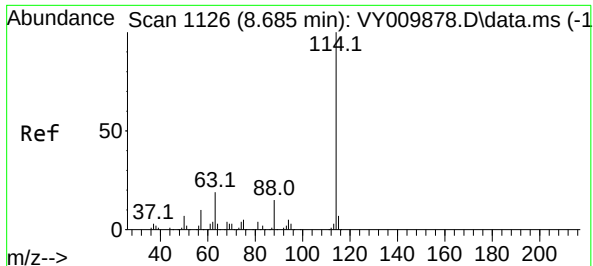
Tgt Ion:168 Resp: 52400  
Ion Ratio Lower Upper  
168 100  
99 53.3 42.1 63.1



#33  
1,2-Dichloroethane-d4  
Concen: 62.104 ug/l  
RT: 8.136 min Scan# 1036  
Delta R.T. 0.006 min  
Lab File: VY009897.D  
Acq: 09 Aug 2022 01:58

Tgt Ion: 65 Resp: 24905  
Ion Ratio Lower Upper  
65 100  
67 55.5 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009897.D

Acq: 09 Aug 2022 01:58

Instrument :

MSVOA\_Y

ClientSampleId :

RVE-224

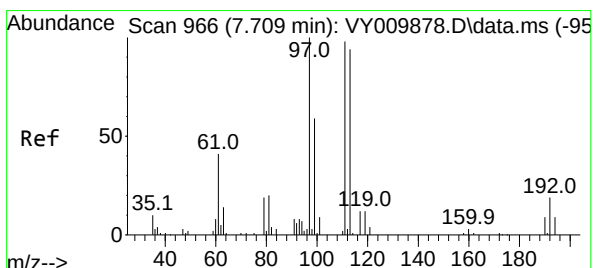
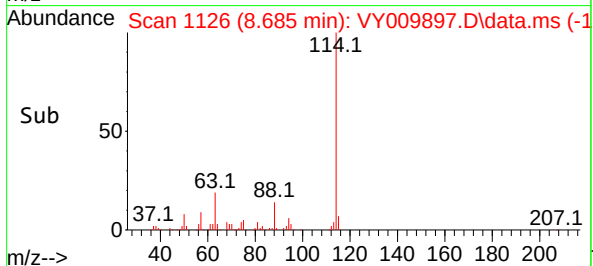
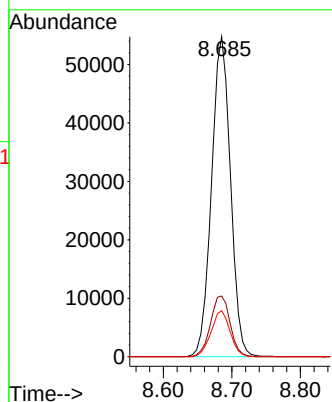
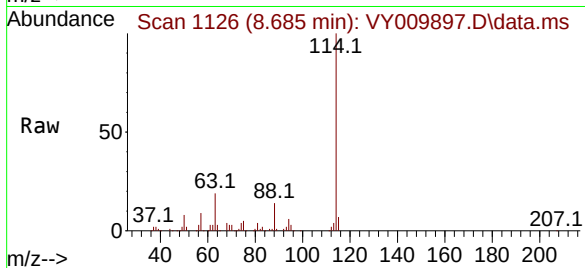
Tgt Ion:114 Resp: 104850

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.0

88 14.3 0.0 30.0



#35

Dibromofluoromethane

Concen: 42.049 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.001 min

Lab File: VY009897.D

Acq: 09 Aug 2022 01:58

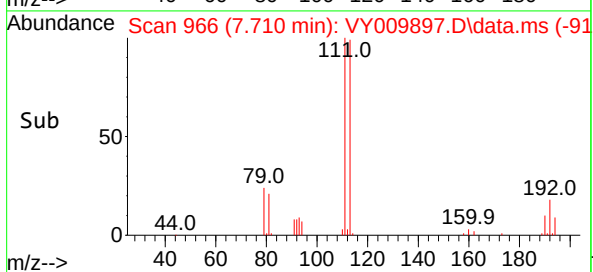
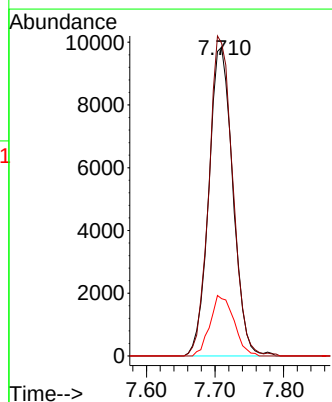
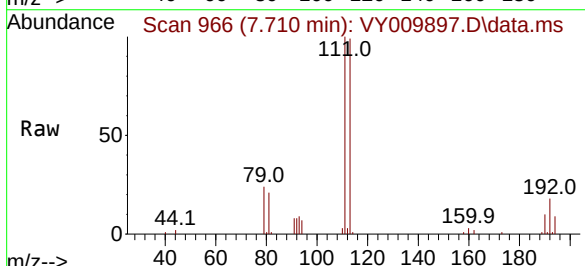
Tgt Ion:113 Resp: 23933

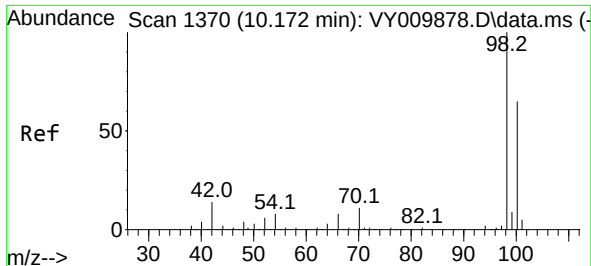
Ion Ratio Lower Upper

113 100

111 102.7 80.6 120.8

192 19.5 16.2 24.4

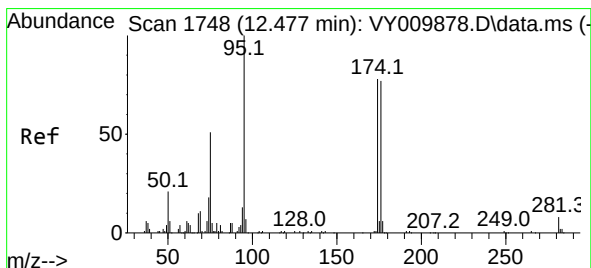
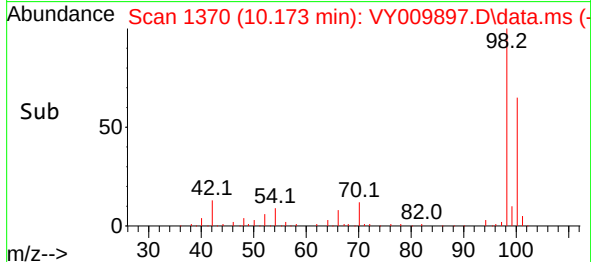
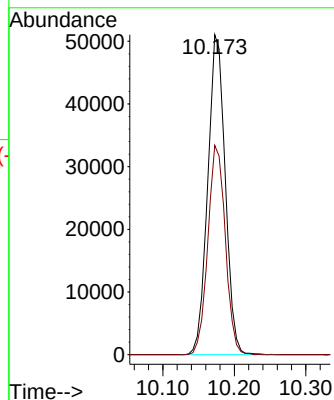
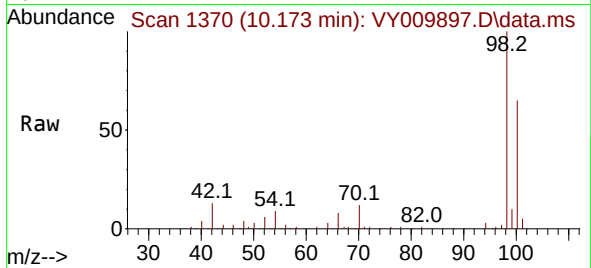




#50  
Toluene-d8  
Concen: 50.280 ug/l  
RT: 10.173 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VY009897.D  
Acq: 09 Aug 2022 01:58

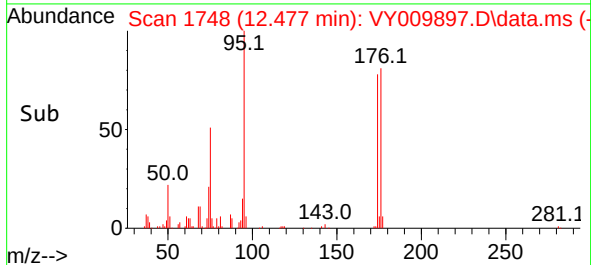
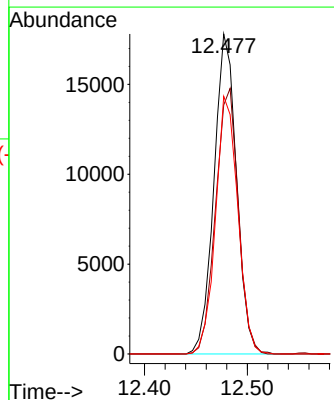
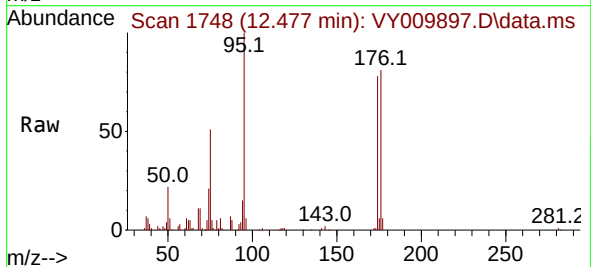
Instrument :  
MSVOA\_Y  
ClientSampleId :  
RVE-224

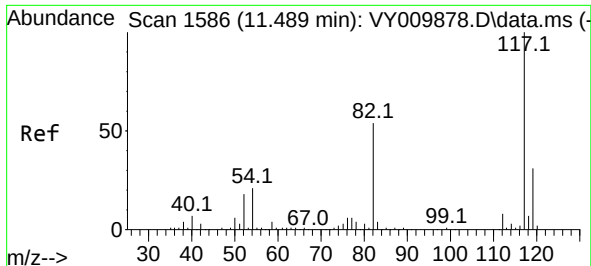
Tgt Ion: 98 Resp: 86623  
Ion Ratio Lower Upper  
98 100  
100 65.4 52.9 79.3



#62  
4-Bromofluorobenzene  
Concen: 34.097 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. 0.000 min  
Lab File: VY009897.D  
Acq: 09 Aug 2022 01:58

Tgt Ion: 95 Resp: 27098  
Ion Ratio Lower Upper  
95 100  
174 83.8 0.0 173.8  
176 79.7 0.0 167.0

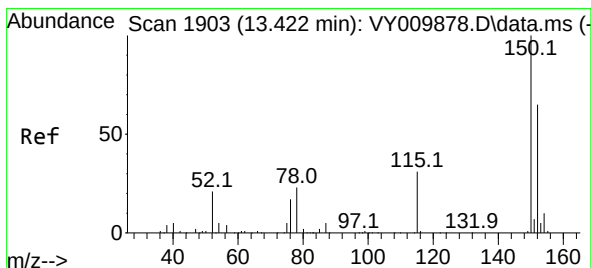
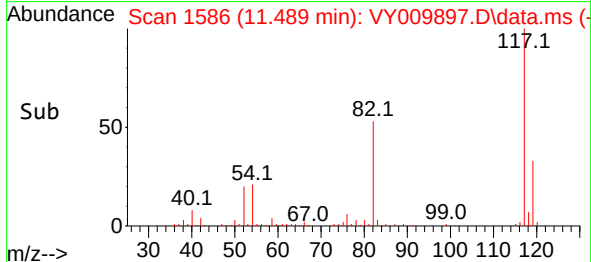
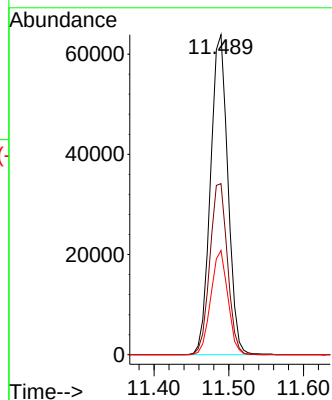
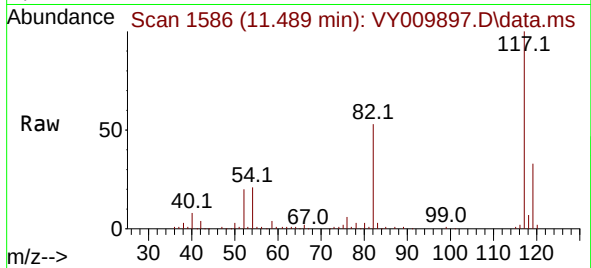




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY009897.D  
Acq: 09 Aug 2022 01:58

Instrument :  
MSVOA\_Y  
ClientSampleId :  
RVE-224

Tgt Ion:117 Resp: 103221  
Ion Ratio Lower Upper  
117 100  
82 53.4 41.8 62.6  
119 32.5 25.6 38.4



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.422 min Scan# 1903  
Delta R.T. 0.000 min  
Lab File: VY009897.D  
Acq: 09 Aug 2022 01:58

Tgt Ion:152 Resp: 47630  
Ion Ratio Lower Upper  
152 100  
115 57.4 28.6 85.9  
150 158.1 0.0 349.8

