

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY083023\  
 Data File : VY015375.D  
 Acq On : 30 Aug 2023 14:16  
 Operator : SY/MD  
 Sample : 04203-05  
 Misc : 5.64g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SB-6(12-12.5)

Quant Time: Aug 31 01:00:23 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y082923S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 29 22:47:33 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.783  | 168  | 172030   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.685  | 114  | 289185   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.489 | 117  | 263632   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.422 | 152  | 126467   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.136  | 65    | 114013   | 61.825   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 123.640% |
| 35) Dibromofluoromethane    | 7.710  | 113   | 92276    | 55.400   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 110.800% |
| 50) Toluene-d8              | 10.179 | 98    | 340976   | 56.529   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =    | 113.060% |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 116170   | 51.879   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | =    | 103.760% |

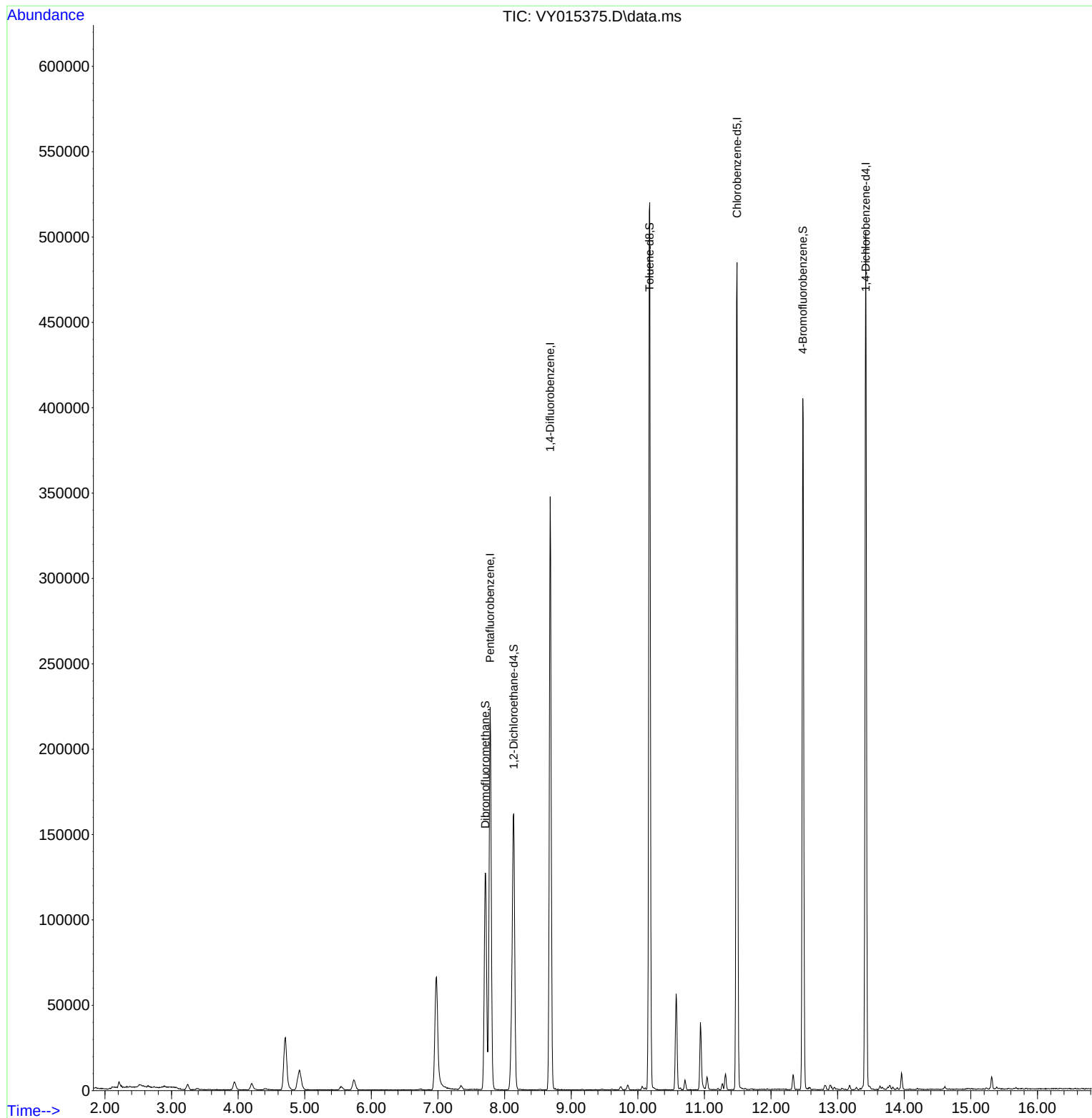
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

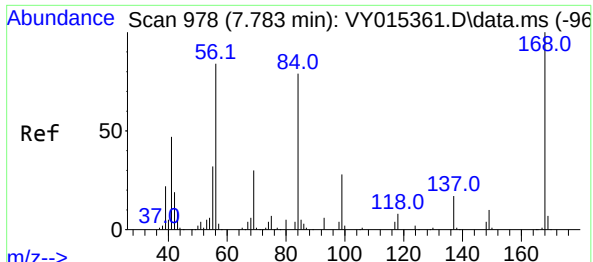
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY083023\  
Data File : VY015375.D  
Acq On : 30 Aug 2023 14:16  
Operator : SY/MD  
Sample : 04203-05  
Misc : 5.64g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-6(12-12.5)

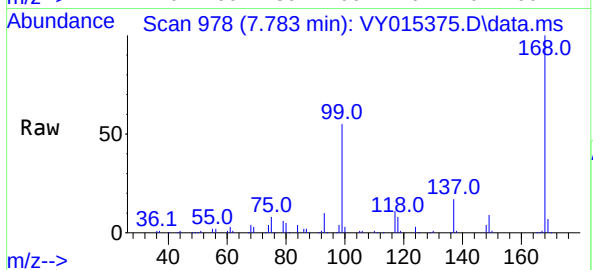
Quant Time: Aug 31 01:00:23 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y082923S.M  
Quant Title : SW846 8260  
QLast Update : Tue Aug 29 22:47:33 2023  
Response via : Initial Calibration



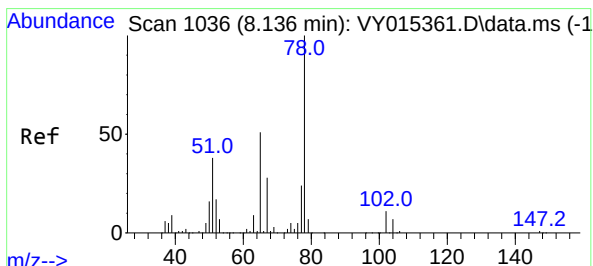
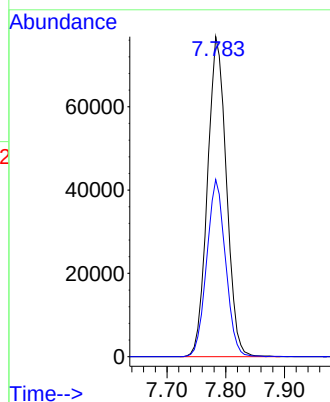
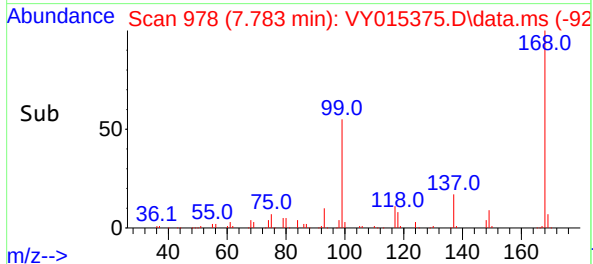


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY015375.D  
Acq: 30 Aug 2023 14:16

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-6(12-12.5)

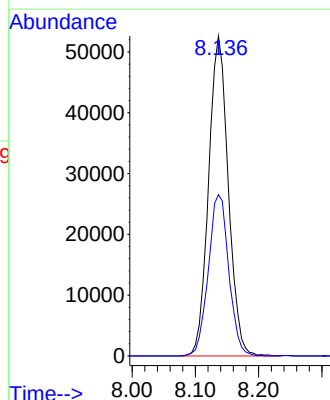
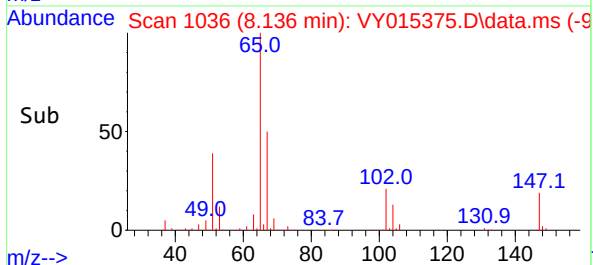
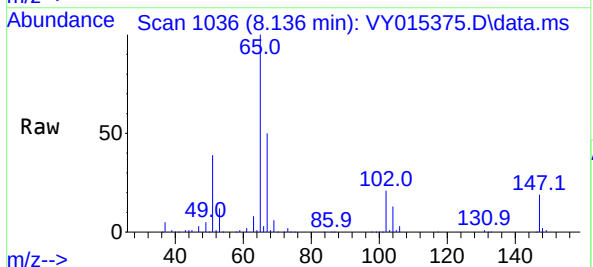


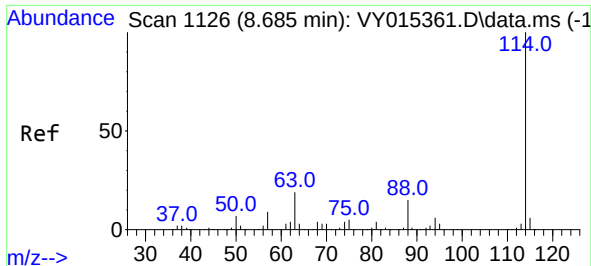
Tgt Ion:168 Resp: 172030  
Ion Ratio Lower Upper  
168 100  
99 55.4 43.4 65.0



#33  
1,2-Dichloroethane-d4  
Concen: 61.825 ug/l  
RT: 8.136 min Scan# 1036  
Delta R.T. 0.000 min  
Lab File: VY015375.D  
Acq: 30 Aug 2023 14:16

Tgt Ion: 65 Resp: 114013  
Ion Ratio Lower Upper  
65 100  
67 52.3 0.0 101.8

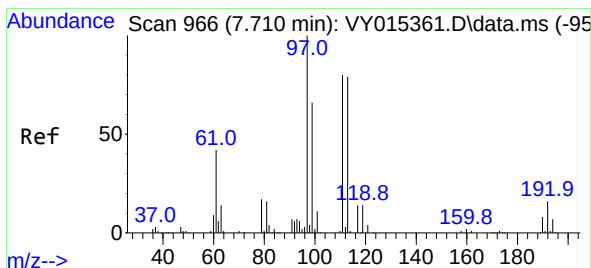
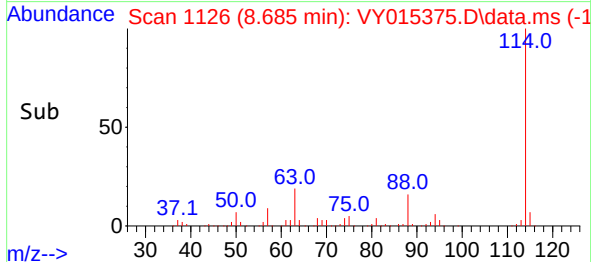
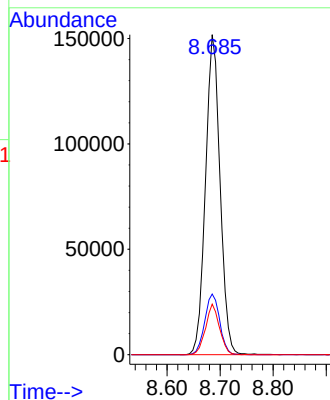
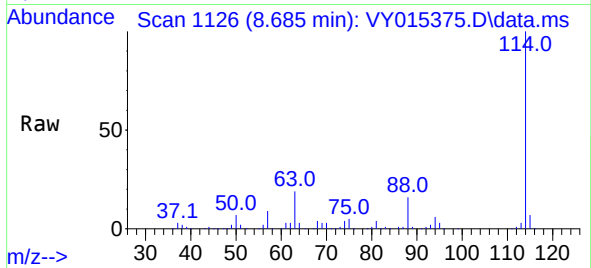




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.685 min Scan# 1126  
Delta R.T. 0.000 min  
Lab File: VY015375.D  
Acq: 30 Aug 2023 14:16

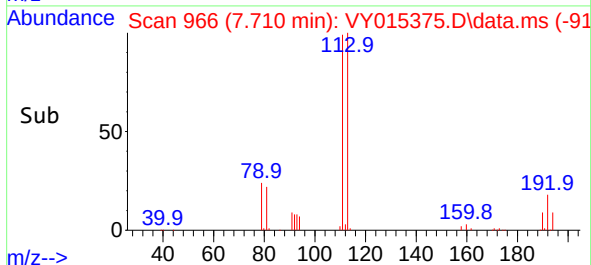
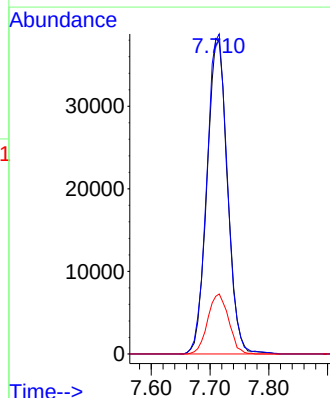
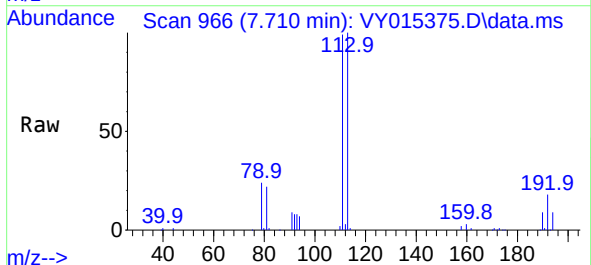
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-6(12-12.5)

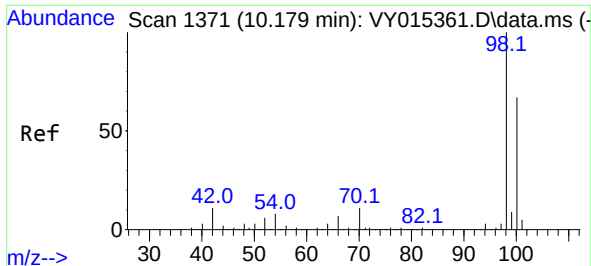
Tgt Ion:114 Resp: 289185  
Ion Ratio Lower Upper  
114 100  
63 19.0 0.0 42.4  
88 15.8 0.0 30.6



#35  
Dibromofluoromethane  
Concen: 55.400 ug/l  
RT: 7.710 min Scan# 966  
Delta R.T. -0.006 min  
Lab File: VY015375.D  
Acq: 30 Aug 2023 14:16

Tgt Ion:113 Resp: 92276  
Ion Ratio Lower Upper  
113 100  
111 101.9 81.3 121.9  
192 19.4 16.9 25.3

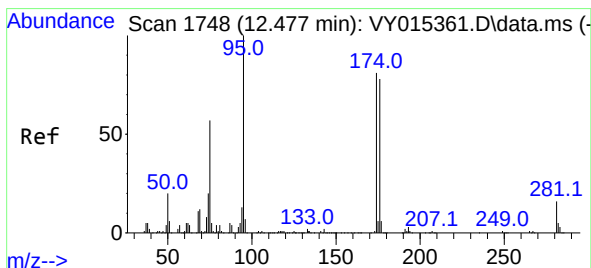
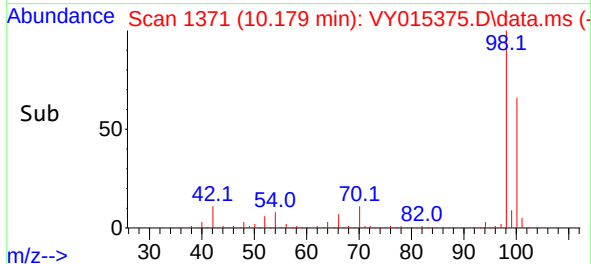
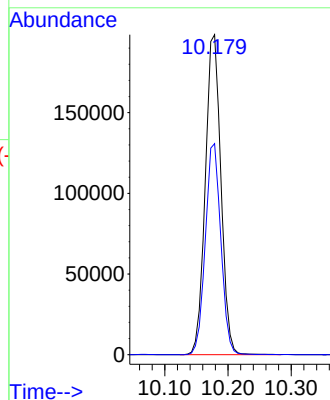
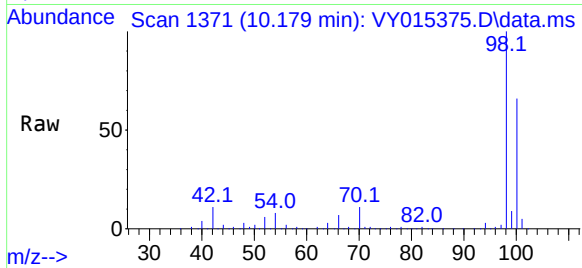




#50  
Toluene-d8  
Concen: 56.529 ug/l  
RT: 10.179 min Scan# 1371  
Delta R.T. 0.000 min  
Lab File: VY015375.D  
Acq: 30 Aug 2023 14:16

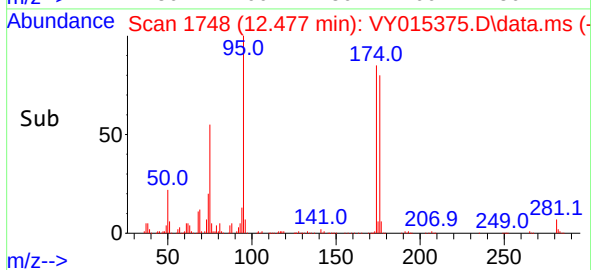
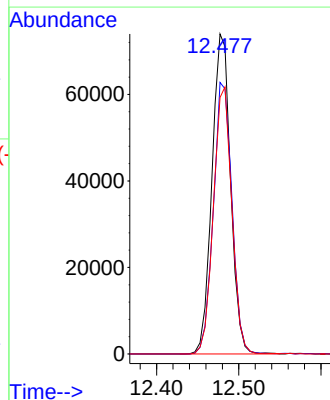
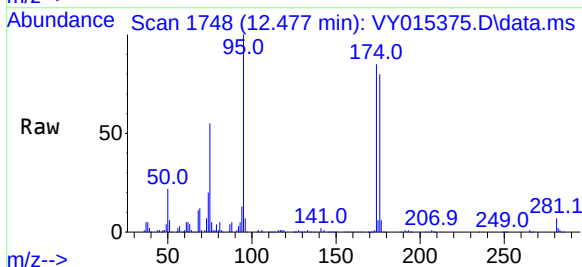
Instrument :  
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ClientSampleId :  
SB-6(12-12.5)

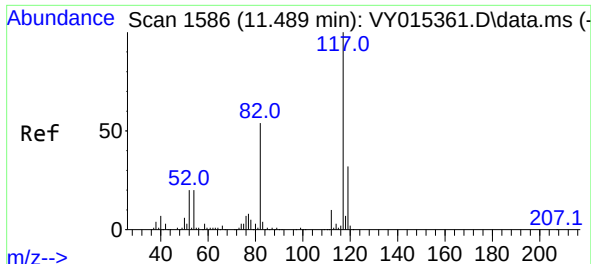
Tgt Ion: 98 Resp: 340976  
Ion Ratio Lower Upper  
98 100  
100 65.5 50.1 75.1



#62  
4-Bromofluorobenzene  
Concen: 51.879 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. 0.000 min  
Lab File: VY015375.D  
Acq: 30 Aug 2023 14:16

Tgt Ion: 95 Resp: 116170  
Ion Ratio Lower Upper  
95 100  
174 84.7 0.0 178.2  
176 82.9 0.0 173.8

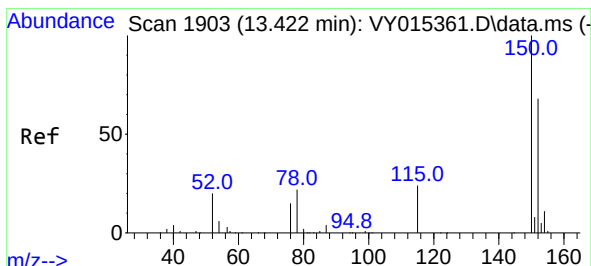
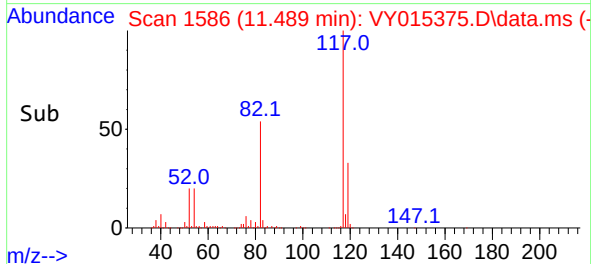
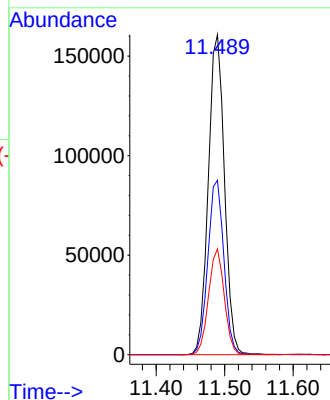
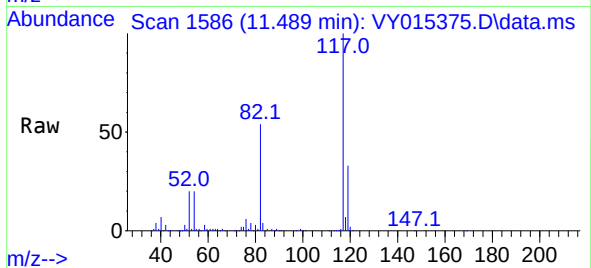




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY015375.D  
Acq: 30 Aug 2023 14:16

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-6(12-12.5)

Tgt Ion:117 Resp: 263632  
Ion Ratio Lower Upper  
117 100  
82 54.5 43.4 65.0  
119 33.1 26.3 39.5



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.422 min Scan# 1903  
Delta R.T. 0.000 min  
Lab File: VY015375.D  
Acq: 30 Aug 2023 14:16

Tgt Ion:152 Resp: 126467  
Ion Ratio Lower Upper  
152 100  
115 58.2 28.8 86.5  
150 157.5 0.0 348.8

