

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY102122\  
 Data File : VY011051.D  
 Acq On : 21 Oct 2022 15:30  
 Operator : KP/MD  
 Sample : N5217-17  
 Misc : 5.08g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SB-C1-7.5-8.0

Quant Time: Oct 22 01:23:33 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y101722S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 18 01:42:42 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.789  | 168  | 323153   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.685  | 114  | 546868   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.490 | 117  | 482673   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.422 | 152  | 228501   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.137  | 65    | 177204   | 59.530   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 119.060% |
| 35) Dibromofluoromethane    | 7.716  | 113   | 181899   | 60.106   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 120.220% |
| 50) Toluene-d8              | 10.179 | 98    | 642589   | 56.276   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 112.560% |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 223011   | 55.471   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 110.940% |

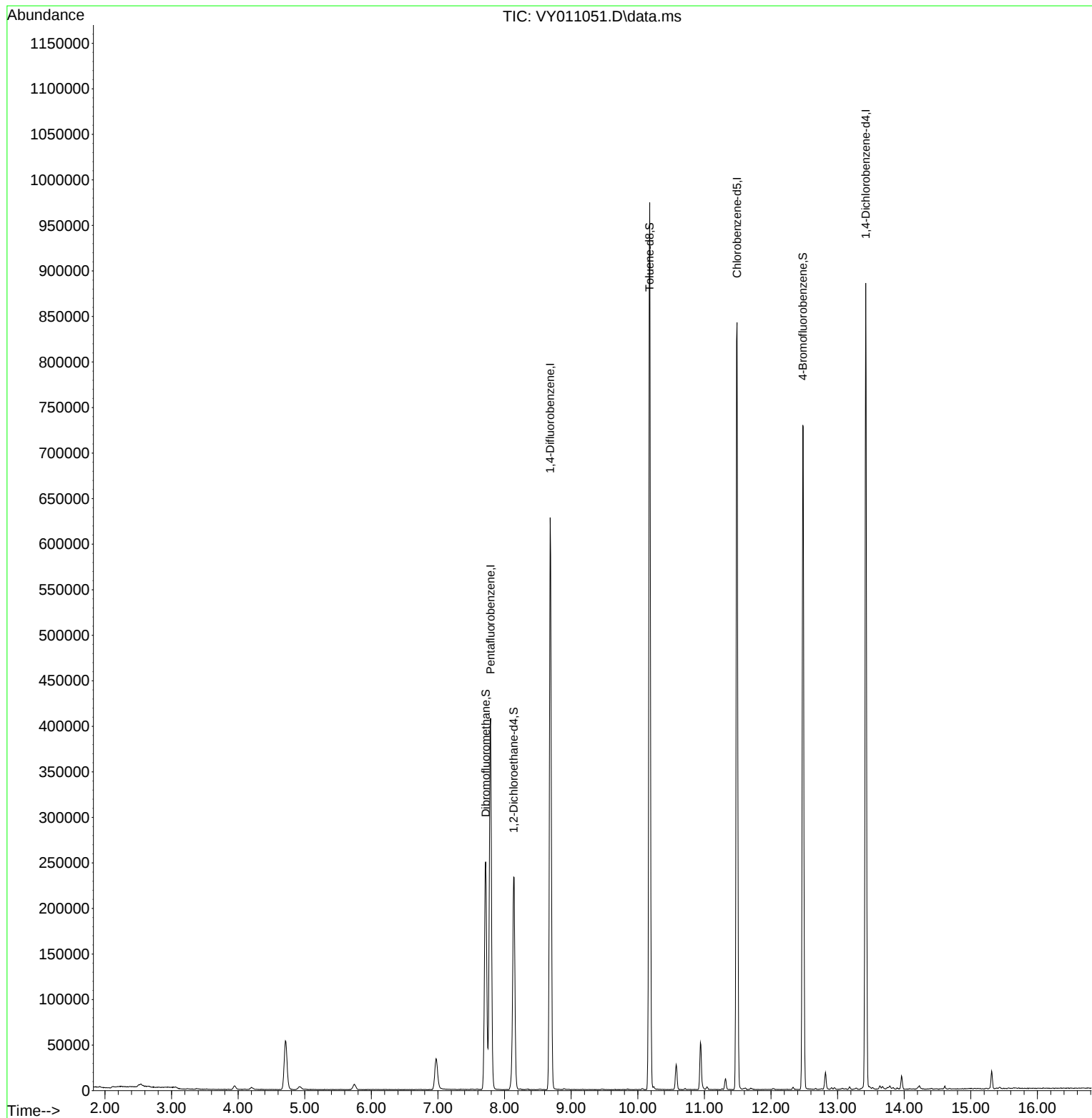
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

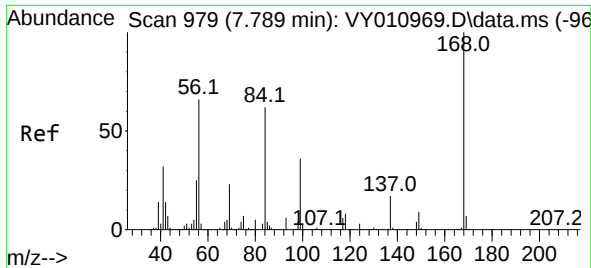
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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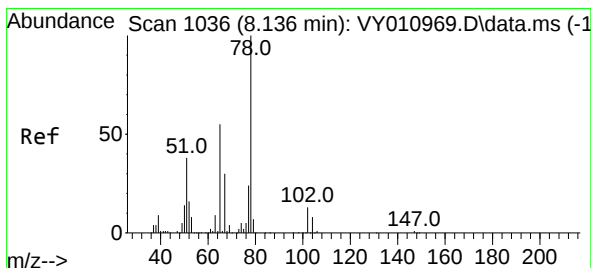
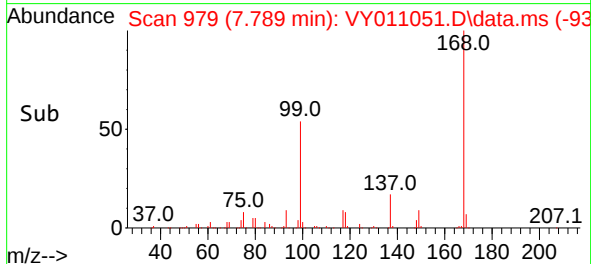
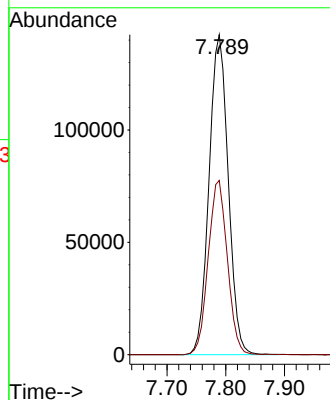
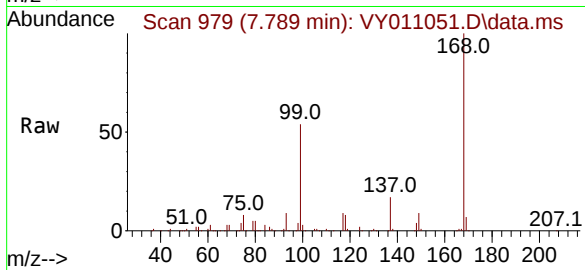




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY011051.D  
Acq: 21 Oct 2022 15:30

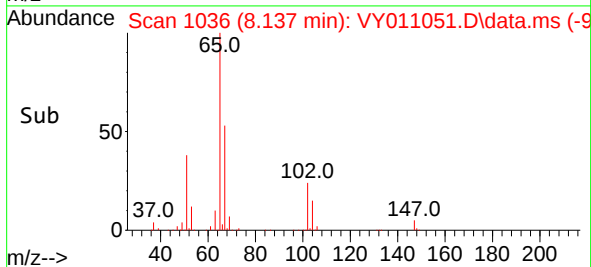
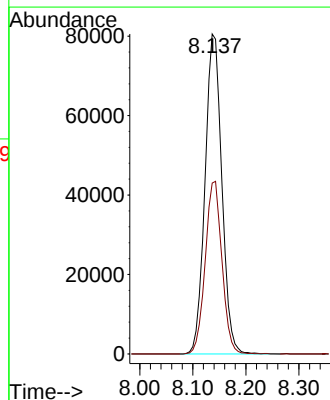
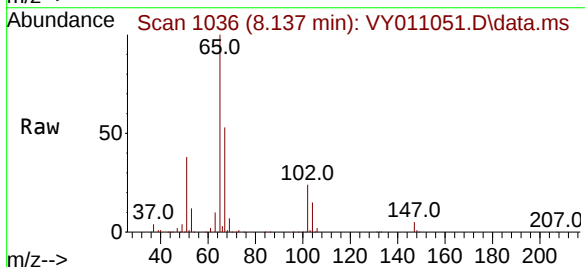
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-C1-7.5-8.0

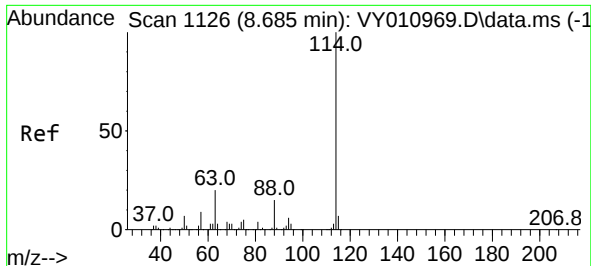
Tgt Ion:168 Resp: 323153  
Ion Ratio Lower Upper  
168 100  
99 54.4 46.9 70.3



#33  
1,2-Dichloroethane-d4  
Concen: 59.530 ug/l  
RT: 8.137 min Scan# 1036  
Delta R.T. 0.001 min  
Lab File: VY011051.D  
Acq: 21 Oct 2022 15:30

Tgt Ion: 65 Resp: 177204  
Ion Ratio Lower Upper  
65 100  
67 53.6 0.0 99.4

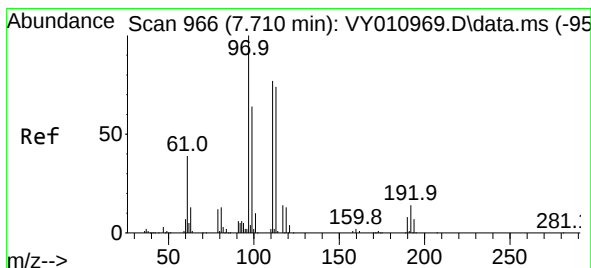
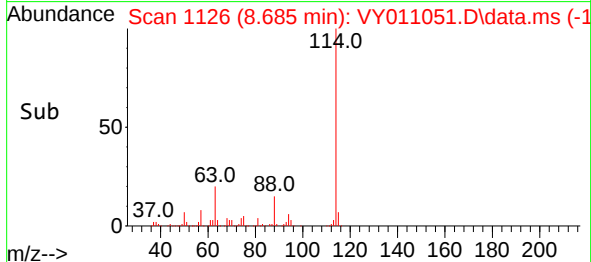
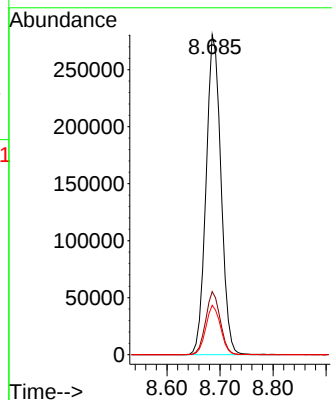
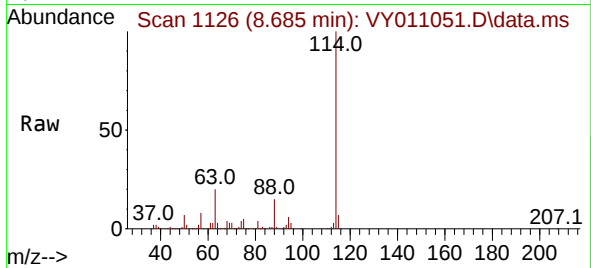




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.685 min Scan# 1126  
Delta R.T. 0.000 min  
Lab File: VY011051.D  
Acq: 21 Oct 2022 15:30

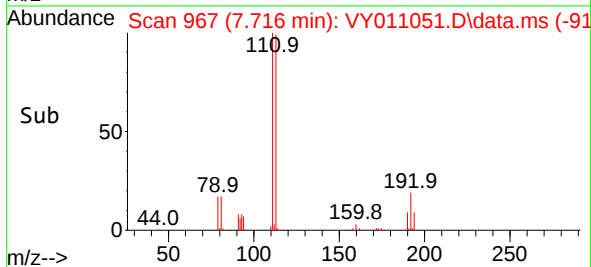
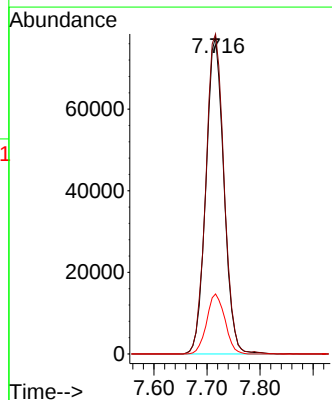
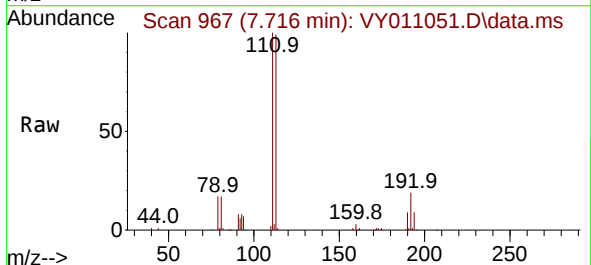
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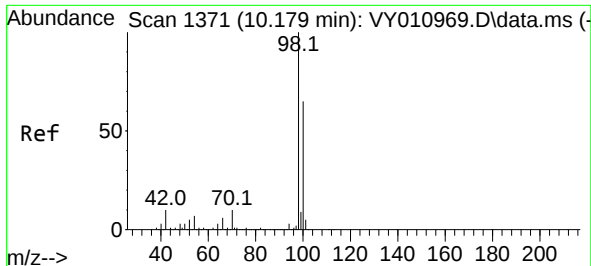
Tgt Ion:114 Resp: 546868  
Ion Ratio Lower Upper  
114 100  
63 19.7 0.0 43.2  
88 15.5 0.0 31.8



#35  
Dibromofluoromethane  
Concen: 60.106 ug/l  
RT: 7.716 min Scan# 967  
Delta R.T. 0.006 min  
Lab File: VY011051.D  
Acq: 21 Oct 2022 15:30

Tgt Ion:113 Resp: 181899  
Ion Ratio Lower Upper  
113 100  
111 103.0 82.6 124.0  
192 19.3 17.6 26.4

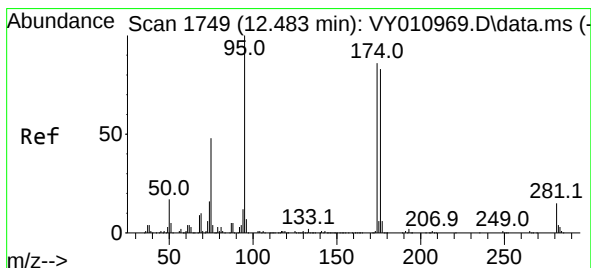
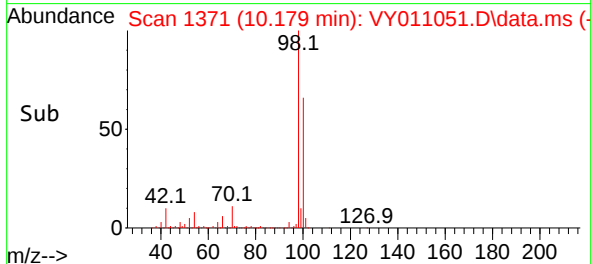
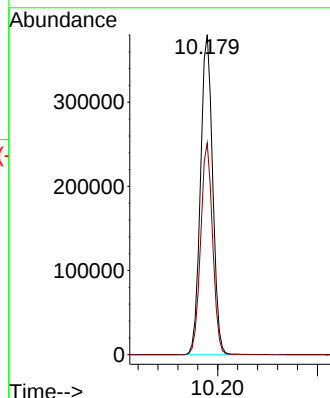
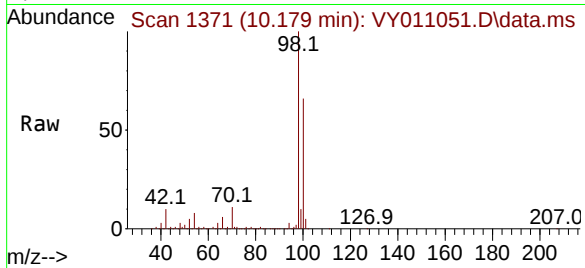




#50  
Toluene-d8  
Concen: 56.276 ug/l  
RT: 10.179 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY011051.D  
Acq: 21 Oct 2022 15:30

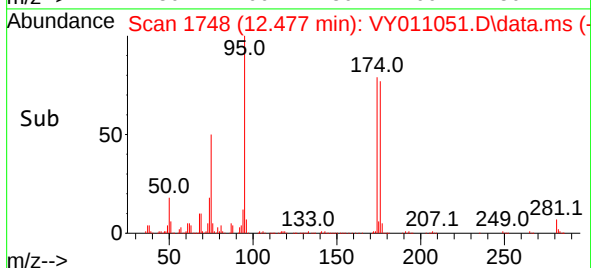
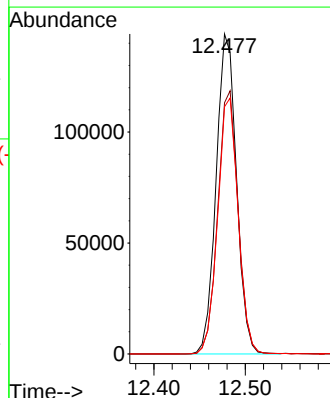
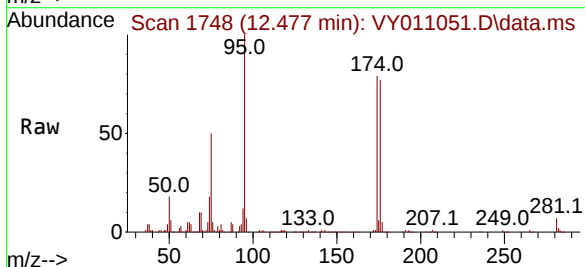
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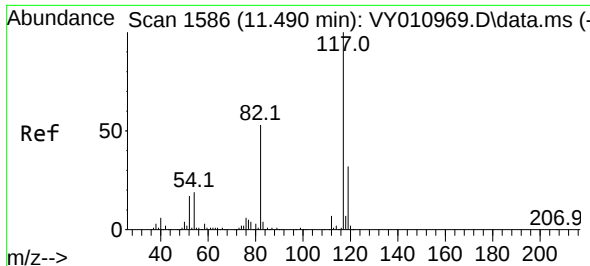
Tgt Ion: 98 Resp: 642589  
Ion Ratio Lower Upper  
98 100  
100 65.0 50.2 75.2



#62  
4-Bromofluorobenzene  
Concen: 55.471 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. -0.006 min  
Lab File: VY011051.D  
Acq: 21 Oct 2022 15:30

Tgt Ion: 95 Resp: 223011  
Ion Ratio Lower Upper  
95 100  
174 82.3 0.0 177.0  
176 80.6 0.0 175.8

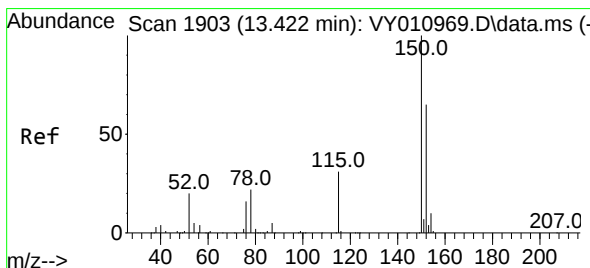
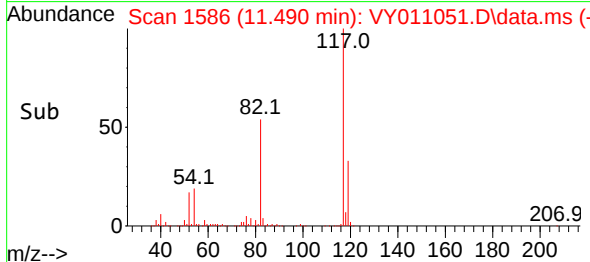
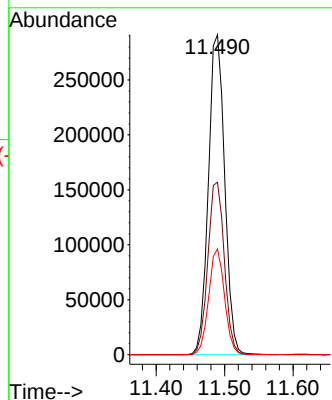
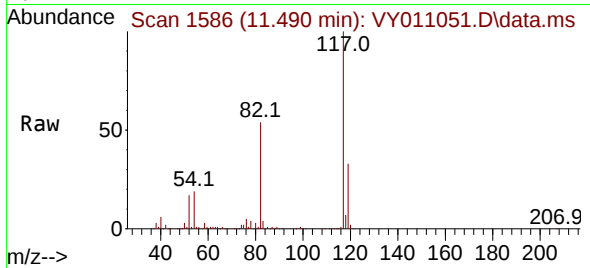




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.490 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY011051.D  
Acq: 21 Oct 2022 15:30

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-C1-7.5-8.0

Tgt Ion:117 Resp: 482673  
Ion Ratio Lower Upper  
117 100  
82 53.9 43.0 64.4  
119 33.1 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: VY011051.D  
Acq: 21 Oct 2022 15:30

Tgt Ion:152 Resp: 228501  
Ion Ratio Lower Upper  
152 100  
115 58.0 28.2 84.7  
150 157.8 0.0 347.6

