

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY070721\  
 Data File : VY005374.D  
 Acq On : 07 Jul 2021 18:50  
 Operator : SY/MD  
 Sample : M2947-06  
 Misc : 8.19G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SOIL-BANK-6

Quant Time: Jul 08 02:07:08 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y062221S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 23 07:57:52 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 7.795  | 168   | 240026   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.697  | 114   | 364892   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.496 | 117   | 376776   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.428 | 152   | 207943   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.149  | 65    | 99061    | 49.733   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 99.460%  |
| 35) Dibromofluoromethane    | 7.722  | 113   | 106672   | 49.570   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 99.140%  |
| 50) Toluene-d8              | 10.179 | 98    | 435910   | 50.652   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =     | 101.300% |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 161778   | 56.413   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =     | 112.820% |

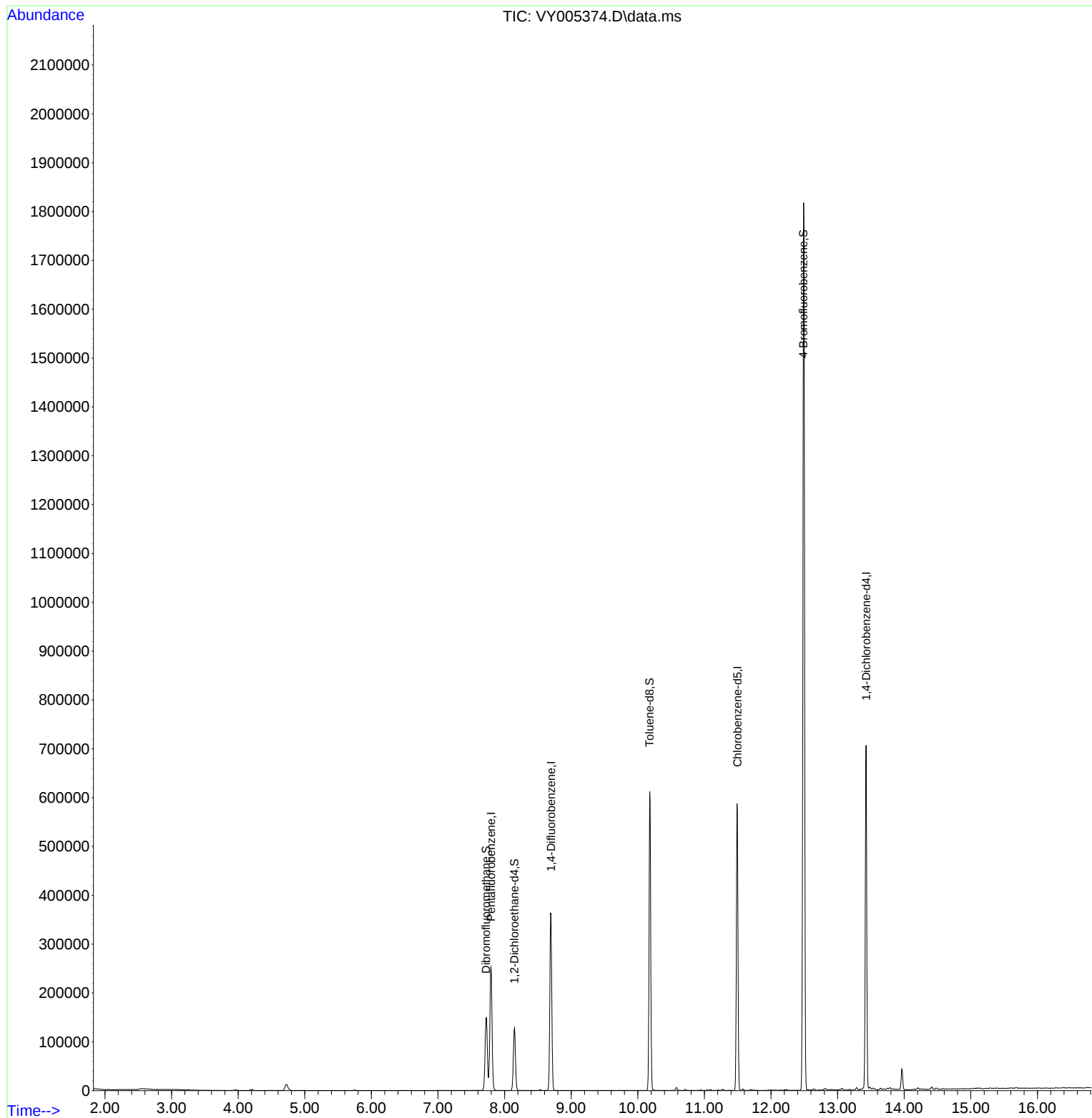
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

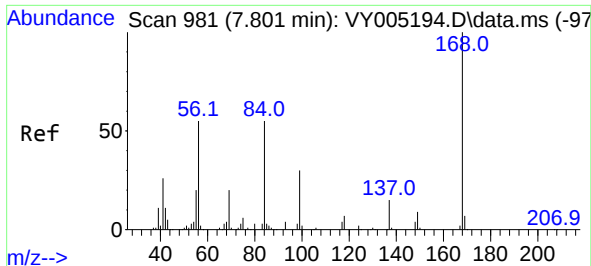
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY070721\  
Data File : VY005374.D  
Acq On : 07 Jul 2021 18:50  
Operator : SY/MD  
Sample : M2947-06  
Misc : 8.19G/5ML/MSVOA\_Y/SOIL  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SOIL-BANK-6

Quant Time: Jul 08 02:07:08 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y062221S.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 23 07:57:52 2021  
Response via : Initial Calibration

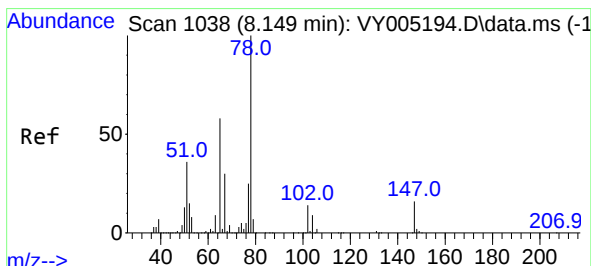
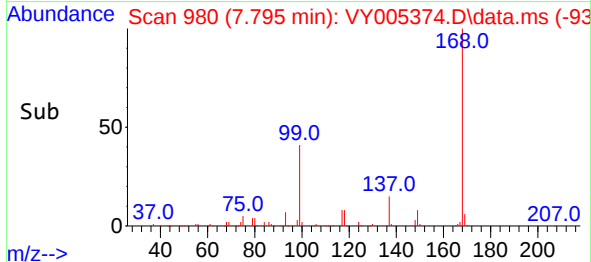
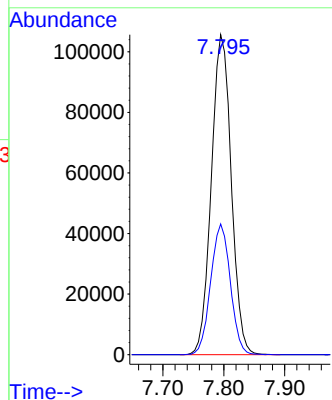
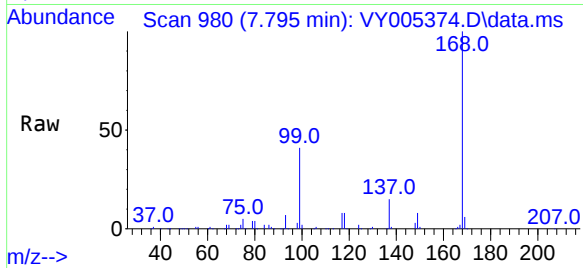




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. -0.006 min  
Lab File: VY005374.D  
Acq: 07 Jul 2021 18:50

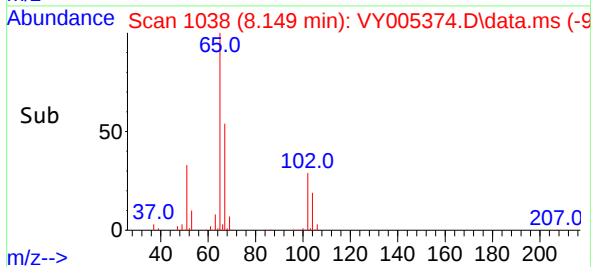
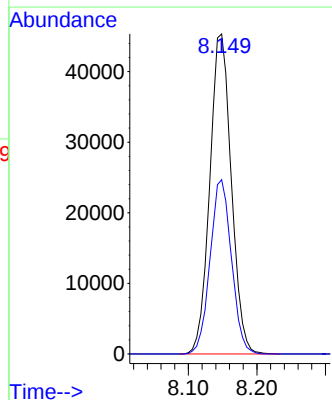
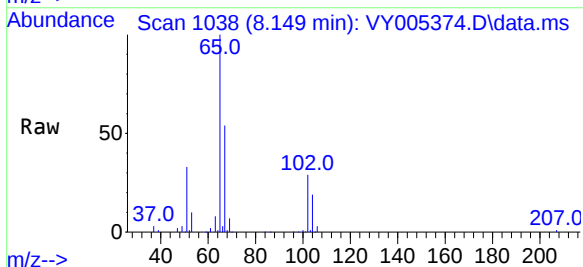
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SOIL-BANK-6

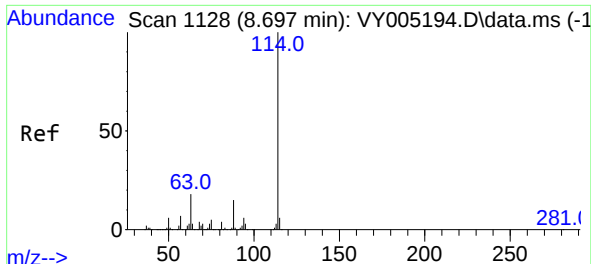
Tgt Ion:168 Resp: 240026  
Ion Ratio Lower Upper  
168 100  
99 40.9 36.2 54.4



#33  
1,2-Dichloroethane-d4  
Concen: 49.733 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. -0.000 min  
Lab File: VY005374.D  
Acq: 07 Jul 2021 18:50

Tgt Ion: 65 Resp: 99061  
Ion Ratio Lower Upper  
65 100  
67 54.0 0.0 110.6

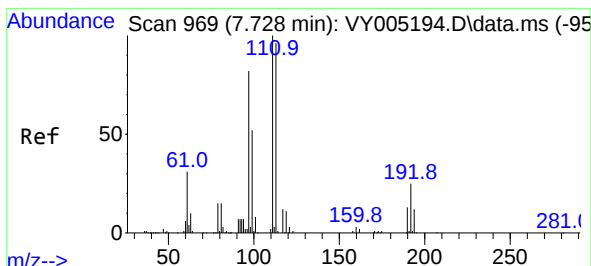
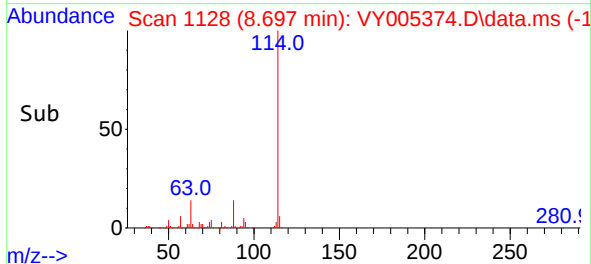
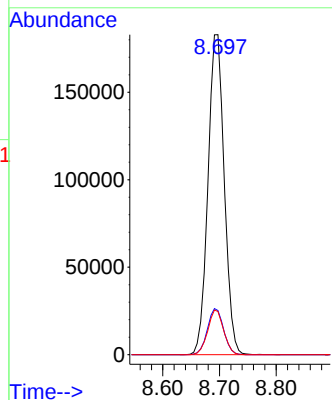
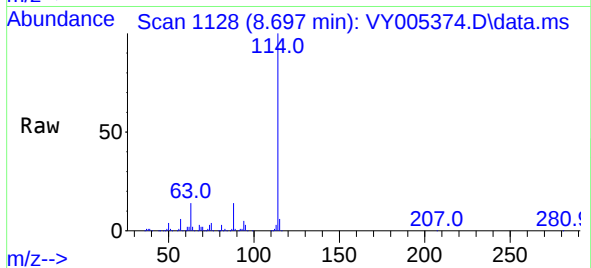




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. -0.000 min  
Lab File: VY005374.D  
Acq: 07 Jul 2021 18:50

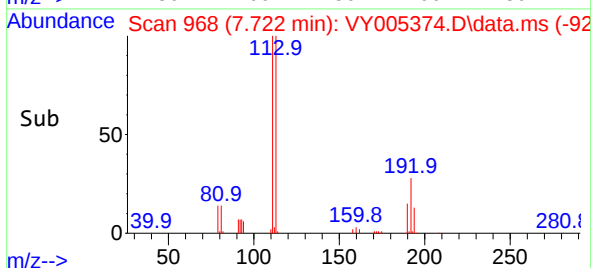
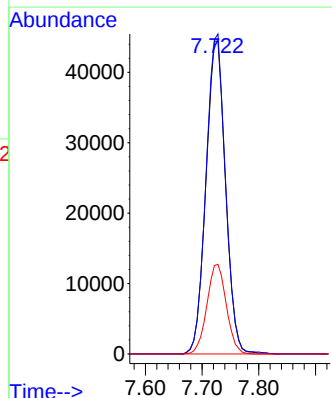
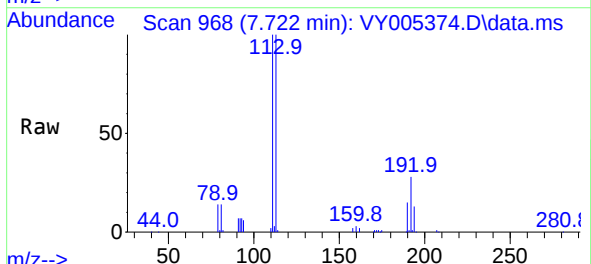
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SOIL-BANK-6

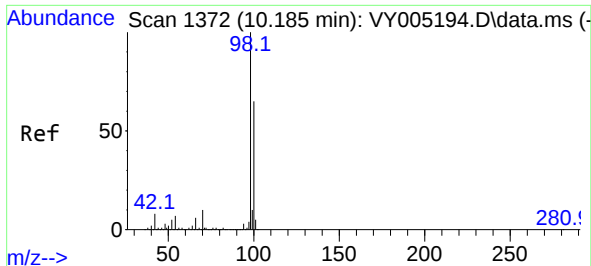
Tgt Ion:114 Resp: 364892  
Ion Ratio Lower Upper  
114 100  
63 13.8 0.0 35.2  
88 13.5 0.0 29.4



#35  
Dibromofluoromethane  
Concen: 49.570 ug/l  
RT: 7.722 min Scan# 968  
Delta R.T. -0.006 min  
Lab File: VY005374.D  
Acq: 07 Jul 2021 18:50

Tgt Ion:113 Resp: 106672  
Ion Ratio Lower Upper  
113 100  
111 101.4 82.6 124.0  
192 28.4 20.2 30.2

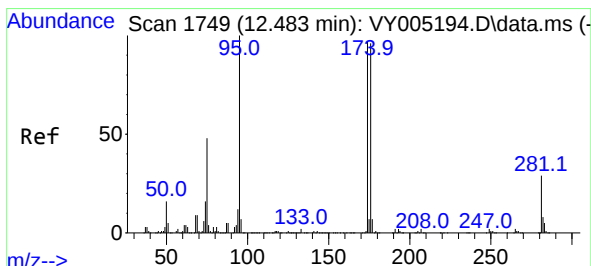
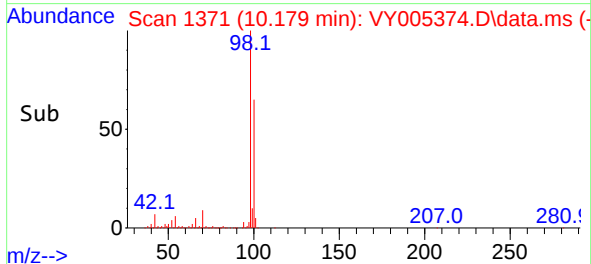
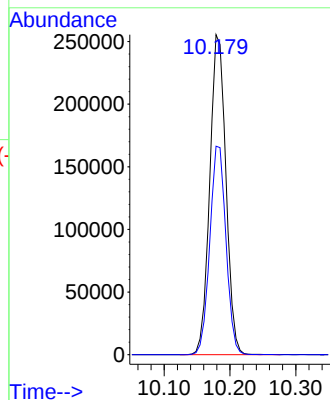
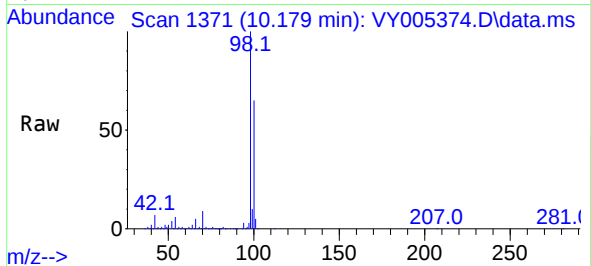




#50  
Toluene-d8  
Concen: 50.652 ug/l  
RT: 10.179 min Scan# 1371  
Delta R.T. -0.006 min  
Lab File: VY005374.D  
Acq: 07 Jul 2021 18:50

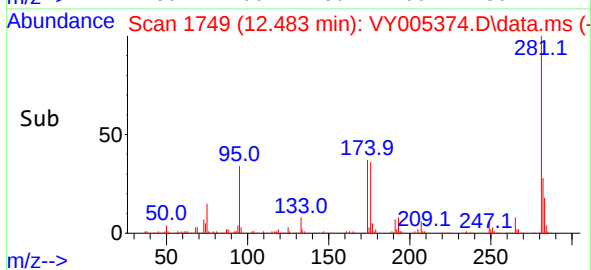
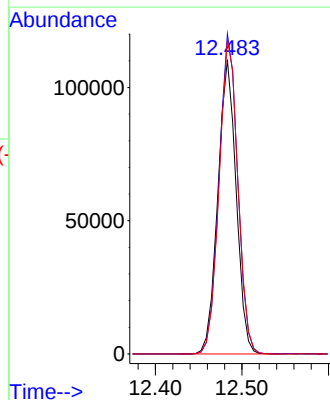
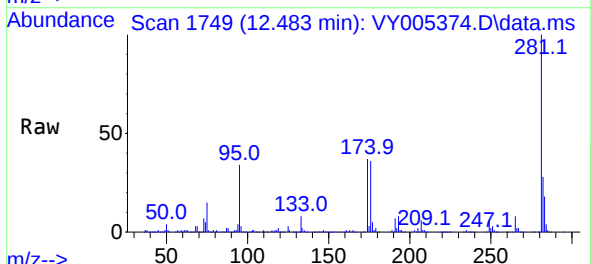
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SOIL-BANK-6

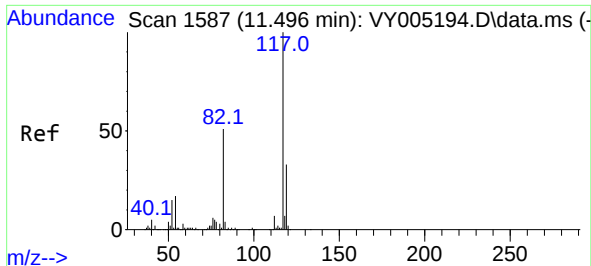
Tgt Ion: 98 Resp: 435910  
Ion Ratio Lower Upper  
98 100  
100 65.3 51.9 77.9



#62  
4-Bromofluorobenzene  
Concen: 56.413 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VY005374.D  
Acq: 07 Jul 2021 18:50

Tgt Ion: 95 Resp: 161778  
Ion Ratio Lower Upper  
95 100  
174 110.4 0.0 201.6  
176 109.4 0.0 197.4

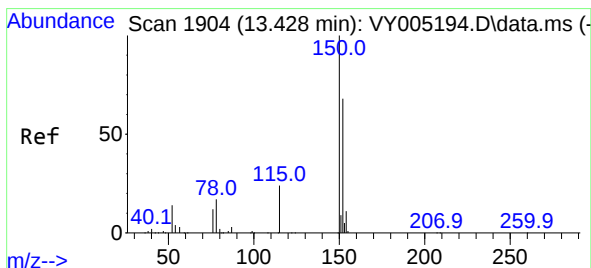
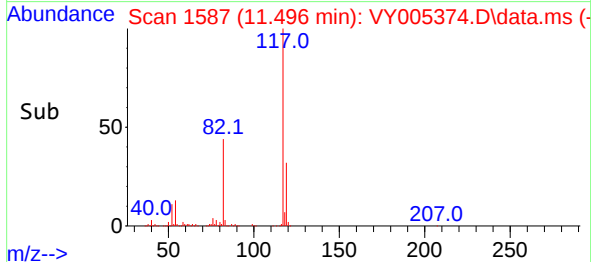
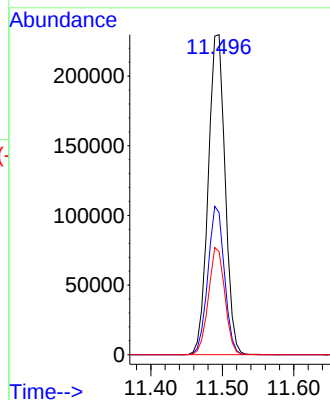
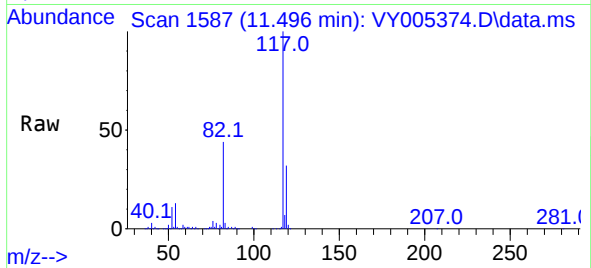




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.496 min Scan# 1587  
Delta R.T. -0.000 min  
Lab File: VY005374.D  
Acq: 07 Jul 2021 18:50

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SOIL-BANK-6

Tgt Ion:117 Resp: 376776  
Ion Ratio Lower Upper  
117 100  
82 44.4 40.6 60.8  
119 32.2 26.1 39.1



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. -0.000 min  
Lab File: VY005374.D  
Acq: 07 Jul 2021 18:50

Tgt Ion:152 Resp: 207943  
Ion Ratio Lower Upper  
152 100  
115 50.5 26.3 78.8  
150 155.7 0.0 344.2

