

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY110221\  
 Data File : VY006584.D  
 Acq On : 02 Nov 2021 18:12  
 Operator : SY/MD  
 Sample : M4433-01  
 Misc : 3.60G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 PSC-124055

Quant Time: Nov 03 02:02:37 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y102221S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Oct 23 06:59:04 2021  
 Response via : Initial Calibration

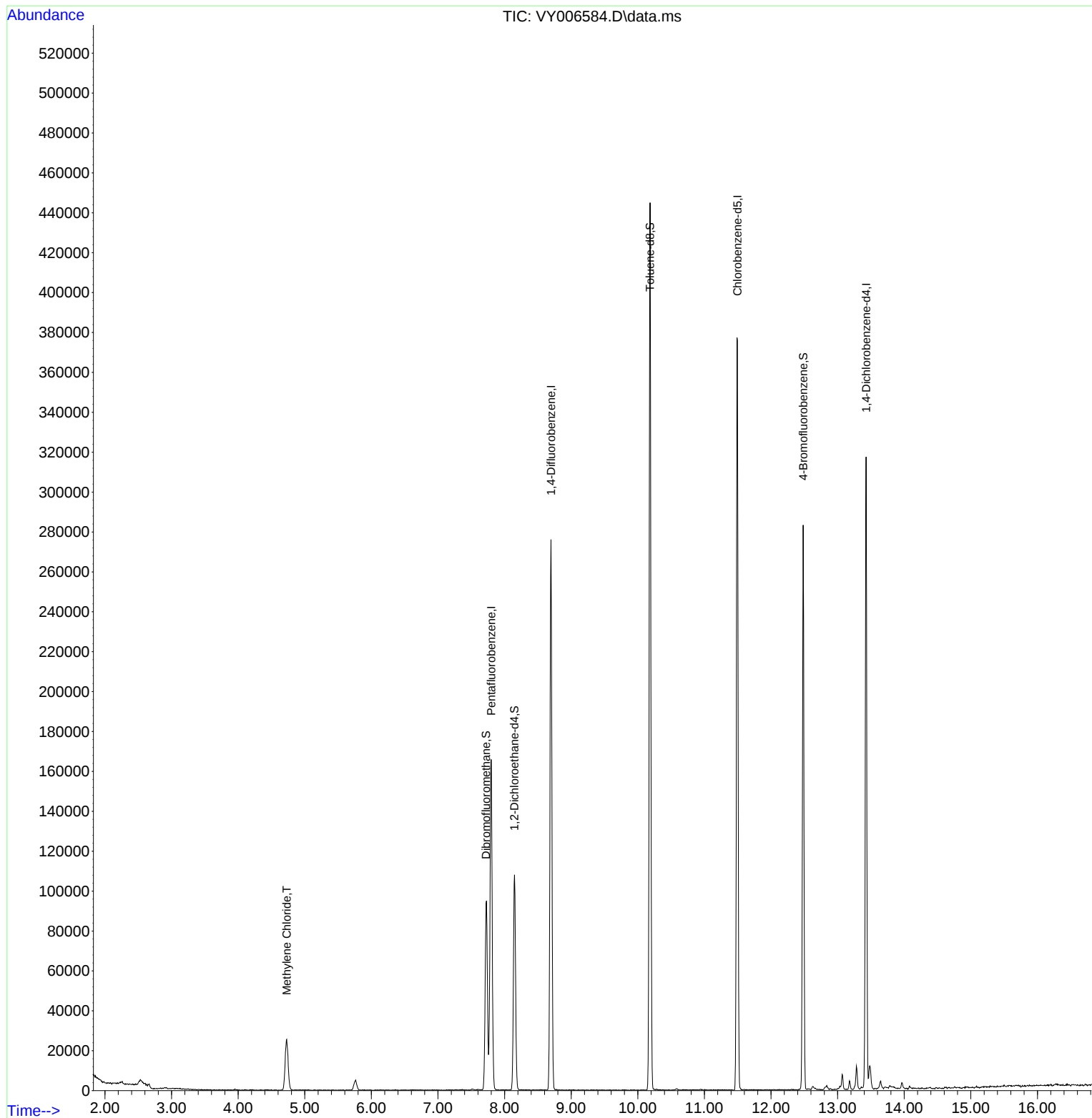
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|-------|-----------|
| -----                       |        |       |          |          |       |           |
| Internal Standards          |        |       |          |          |       |           |
| 1) Pentafluorobenzene       | 7.801  | 168   | 125139   | 50.000   | ug/l  | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.697  | 114   | 215679   | 50.000   | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 11.495 | 117   | 191303   | 50.000   | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.428 | 152   | 74848    | 50.000   | ug/l  | 0.00      |
| System Monitoring Compounds |        |       |          |          |       |           |
| 33) 1,2-Dichloroethane-d4   | 8.148  | 65    | 87208    | 56.632   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 113.260%  |
| 35) Dibromofluoromethane    | 7.722  | 113   | 65533    | 54.514   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 109.020%  |
| 50) Toluene-d8              | 10.185 | 98    | 275544   | 54.070   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =     | 108.140%  |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 78966    | 46.000   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =     | 92.000%   |
| Target Compounds            |        |       |          |          |       |           |
| 20) Methylene Chloride      | 4.728  | 84    | 17619    | 9.540    | ug/l  | Qvalue 93 |
| -----                       |        |       |          |          |       |           |

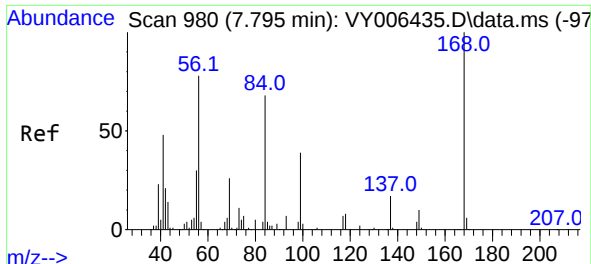
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY110221\  
Data File : VY006584.D  
Acq On : 02 Nov 2021 18:12  
Operator : SY/MD  
Sample : M4433-01  
Misc : 3.60G/5ML/MSVOA\_Y/SOIL  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
PSC-124055

Quant Time: Nov 03 02:02:37 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y102221S.M  
Quant Title : SW846 8260  
QLast Update : Sat Oct 23 06:59:04 2021  
Response via : Initial Calibration

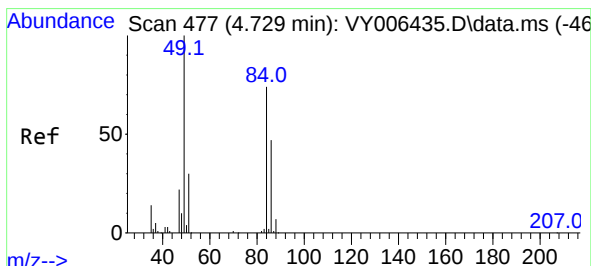
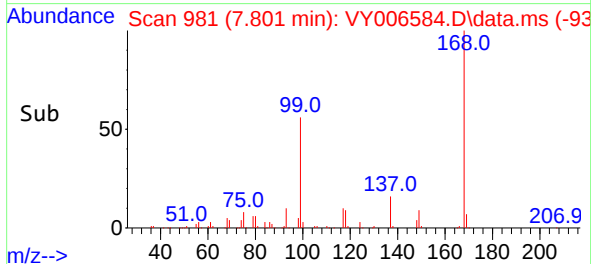
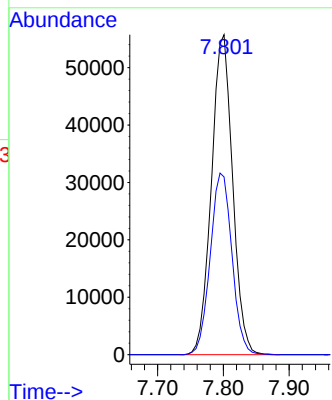
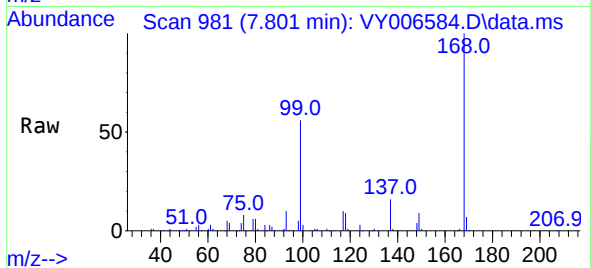




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.801 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY006584.D  
Acq: 02 Nov 2021 18:12

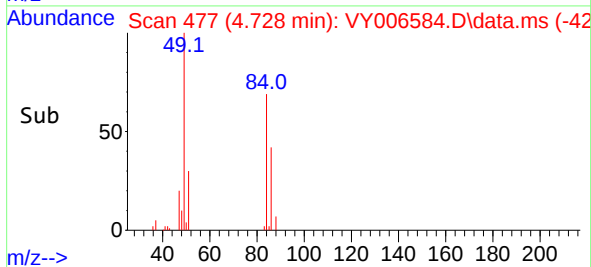
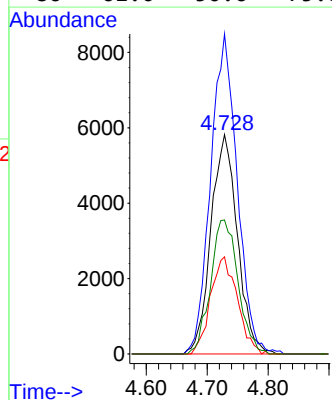
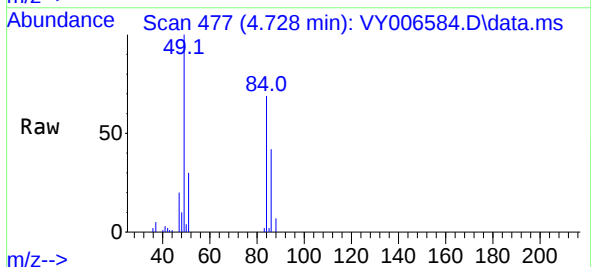
Instrument :  
MSVOA\_Y  
ClientSampleId :  
PSC-124055

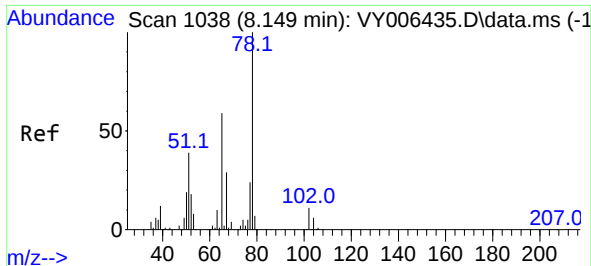
Tgt Ion:168 Resp: 125139  
Ion Ratio Lower Upper  
168 100  
99 55.5 44.8 67.2



#20  
Methylene Chloride  
Concen: 9.540 ug/l  
RT: 4.728 min Scan# 477  
Delta R.T. -0.001 min  
Lab File: VY006584.D  
Acq: 02 Nov 2021 18:12

Tgt Ion: 84 Resp: 17619  
Ion Ratio Lower Upper  
84 100  
49 145.9 107.8 161.8  
51 44.3 32.8 49.2  
86 61.0 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 56.632 ug/l

RT: 8.148 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY006584.D

Acq: 02 Nov 2021 18:12

Instrument :

MSVOA\_Y

ClientSampleId :

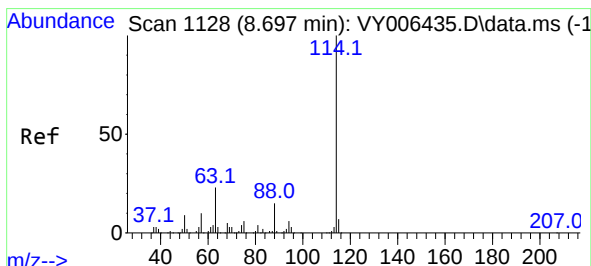
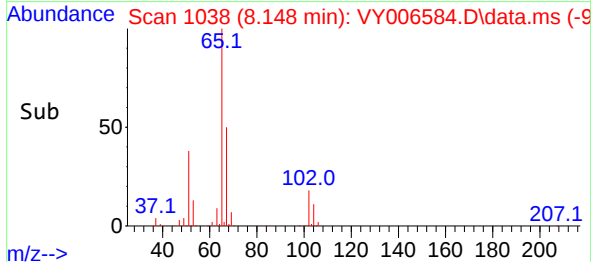
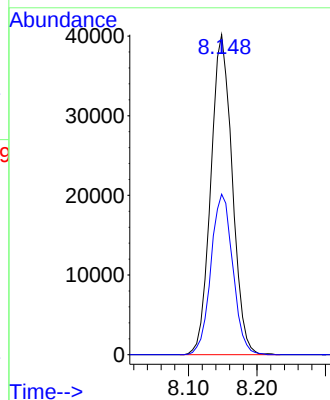
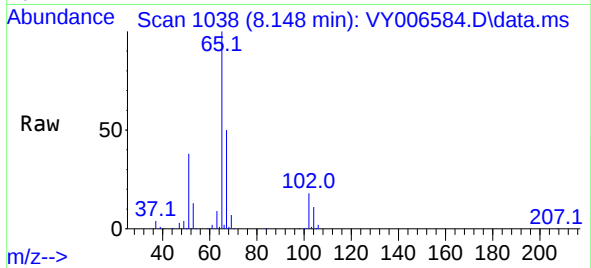
PSC-124055

Tgt Ion: 65 Resp: 87208

Ion Ratio Lower Upper

65 100

67 51.3 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY006584.D

Acq: 02 Nov 2021 18:12

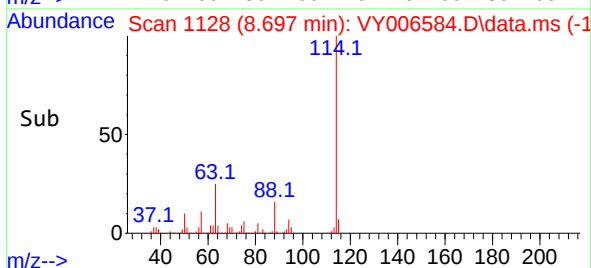
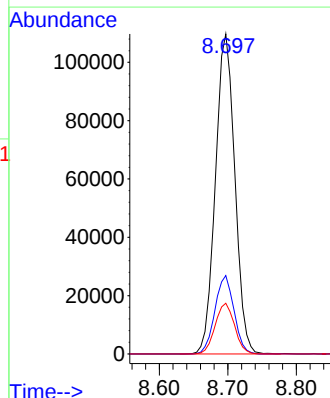
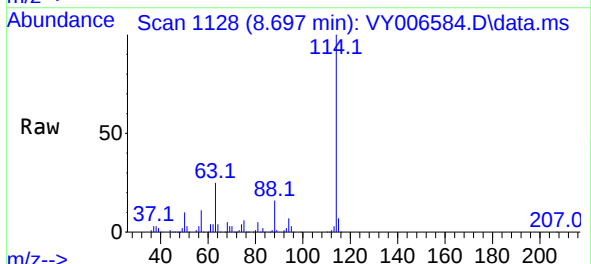
Tgt Ion: 114 Resp: 215679

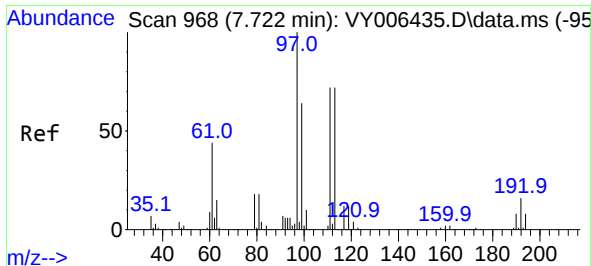
Ion Ratio Lower Upper

114 100

63 24.5 0.0 45.0

88 15.9 0.0 30.6

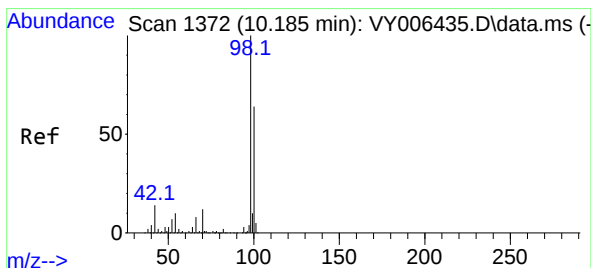
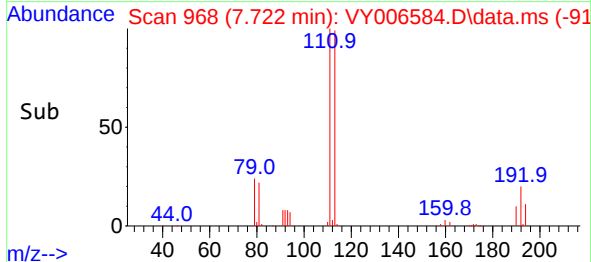
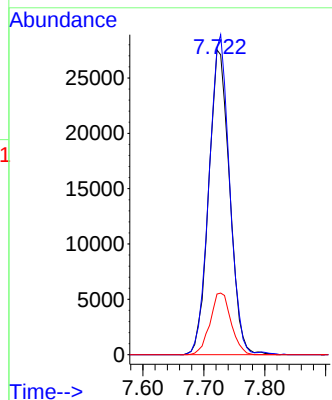
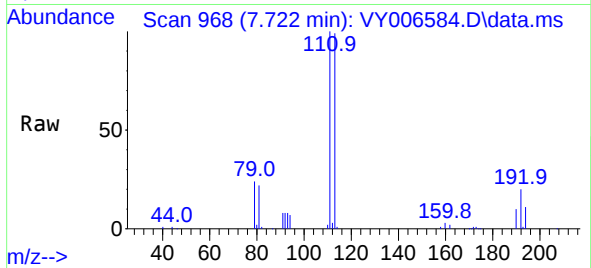




#35  
Dibromofluoromethane  
Concen: 54.514 ug/l  
RT: 7.722 min Scan# 90  
Delta R.T. -0.000 min  
Lab File: VY006584.D  
Acq: 02 Nov 2021 18:12

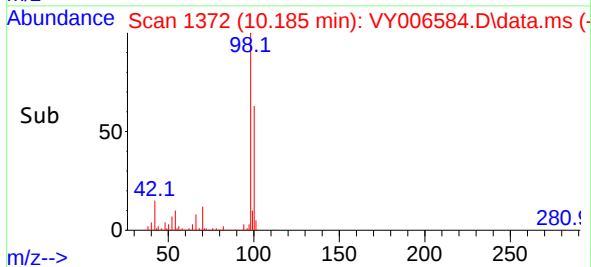
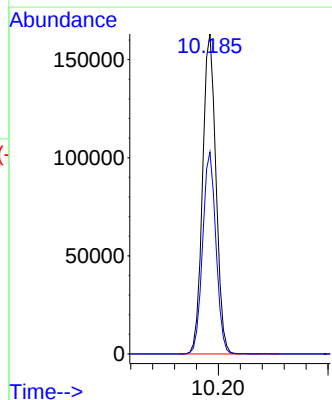
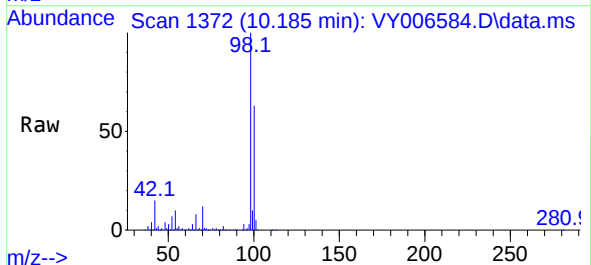
Instrument :  
MSVOA\_Y  
ClientSampleId :  
PSC-124055

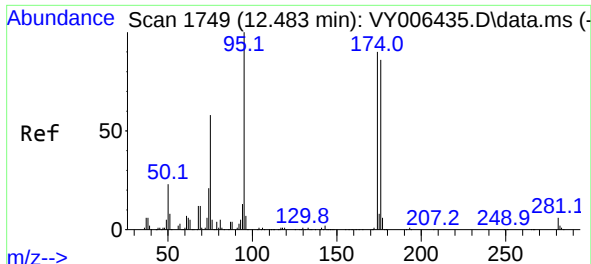
Tgt Ion:113 Resp: 65533  
Ion Ratio Lower Upper  
113 100  
111 102.6 82.3 123.5  
192 20.3 17.4 26.2



#50  
Toluene-d8  
Concen: 54.070 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. -0.000 min  
Lab File: VY006584.D  
Acq: 02 Nov 2021 18:12

Tgt Ion: 98 Resp: 275544  
Ion Ratio Lower Upper  
98 100  
100 62.8 50.9 76.3

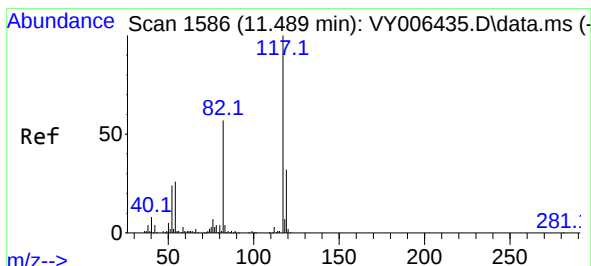
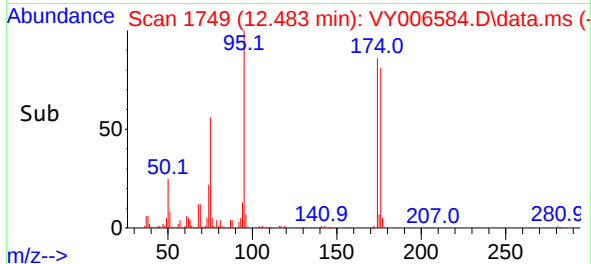
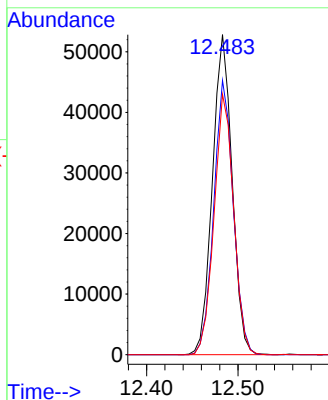
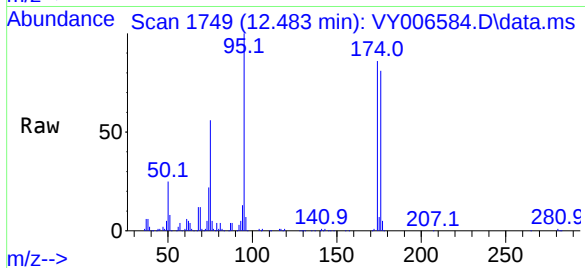




#62  
4-Bromofluorobenzene  
Concen: 46.000 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VY006584.D  
Acq: 02 Nov 2021 18:12

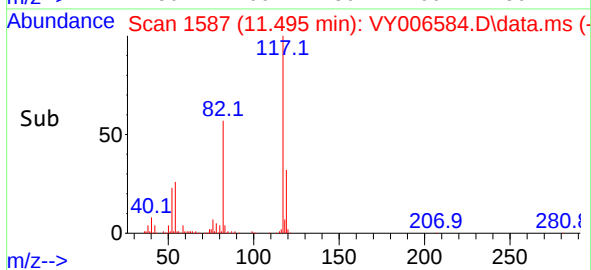
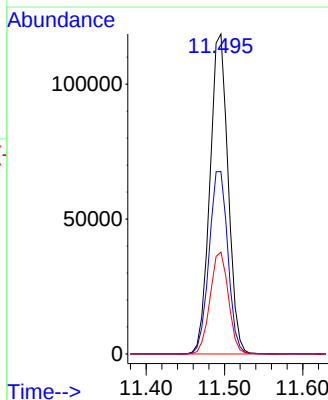
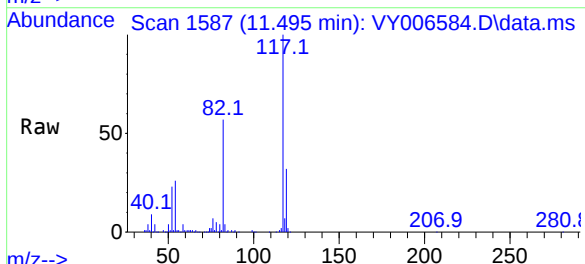
Instrument :  
MSVOA\_Y  
ClientSampleId :  
PSC-124055

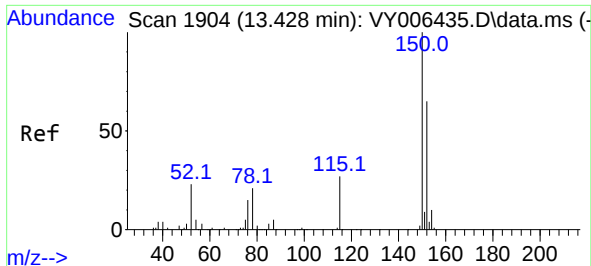
Tgt Ion: 95 Resp: 78966  
Ion Ratio Lower Upper  
95 100  
174 84.9 0.0 177.0  
176 81.1 0.0 169.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.495 min Scan# 1587  
Delta R.T. 0.006 min  
Lab File: VY006584.D  
Acq: 02 Nov 2021 18:12

Tgt Ion: 117 Resp: 191303  
Ion Ratio Lower Upper  
117 100  
82 57.0 45.7 68.5  
119 31.9 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY006584.D

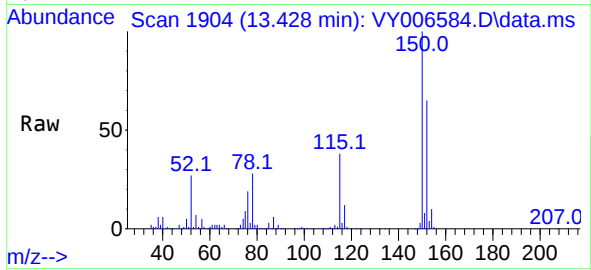
Acq: 02 Nov 2021 18:12

Instrument :

MSVOA\_Y

ClientSampleId :

PSC-124055



Tgt Ion:152 Resp: 74848

Ion Ratio Lower Upper

152 100

115 57.8 28.5 85.5

150 156.1 0.0 348.2

