

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY103122\  
 Data File : VY011201.D  
 Acq On : 31 Oct 2022 16:49  
 Operator : KP/MD  
 Sample : N5262-02RE  
 Misc : 5.06g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VOCRE

Quant Time: Nov 01 02:45:06 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y102822S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Oct 28 23:42:14 2022  
 Response via : Initial Calibration

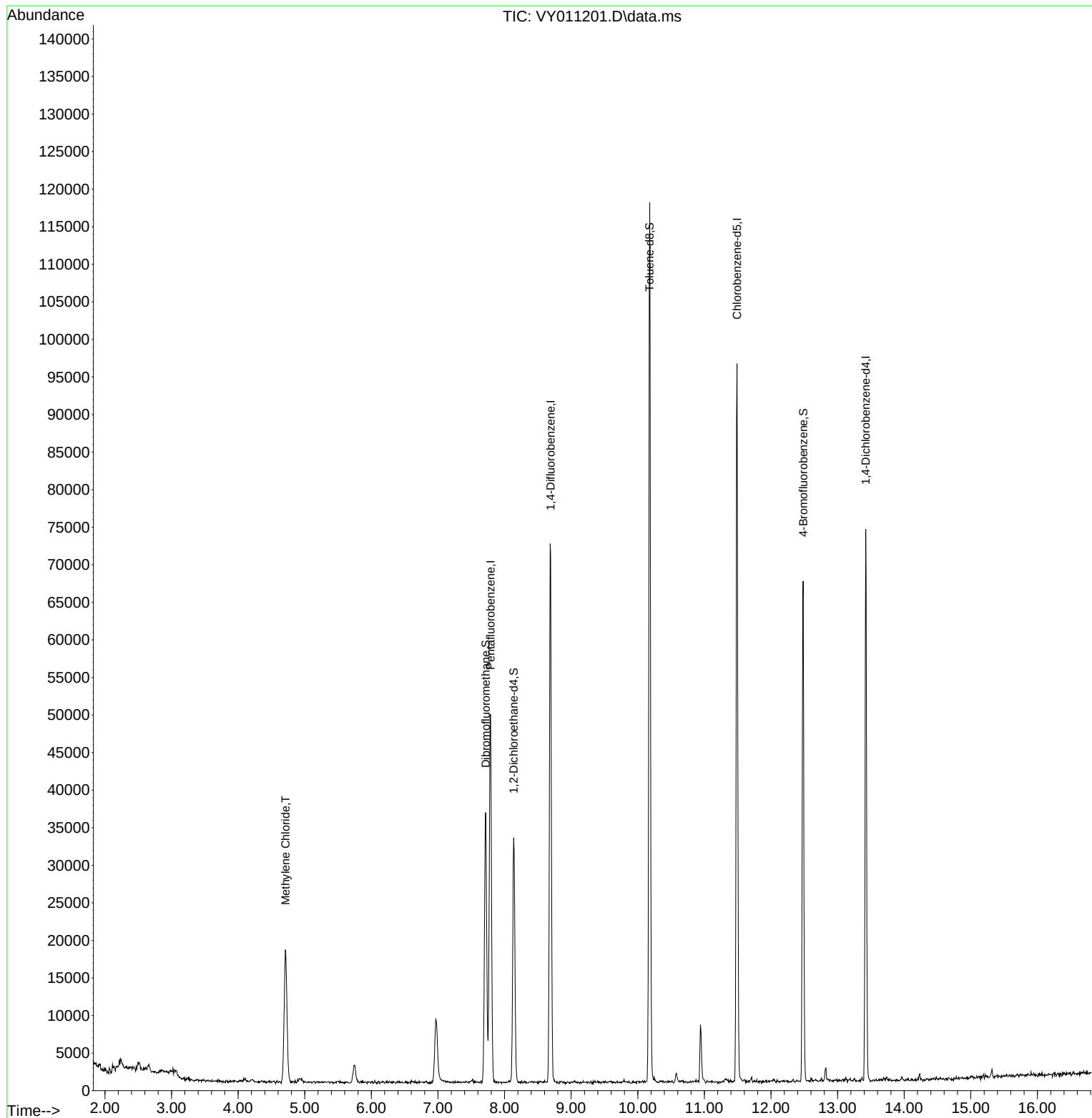
| Compound                    | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min)    |
|-----------------------------|--------|----------------|----------|--------|----------|-------------|
| -----                       |        |                |          |        |          |             |
| Internal Standards          |        |                |          |        |          |             |
| 1) Pentafluorobenzene       | 7.789  | 168            | 39431    | 50.000 | ug/l     | 0.00        |
| 34) 1,4-Difluorobenzene     | 8.691  | 114            | 63180    | 50.000 | ug/l     | 0.00        |
| 63) Chlorobenzene-d5        | 11.490 | 117            | 54242    | 50.000 | ug/l     | 0.00        |
| 72) 1,4-Dichlorobenzene-d4  | 13.422 | 152            | 19113    | 50.000 | ug/l     | 0.00        |
| System Monitoring Compounds |        |                |          |        |          |             |
| 33) 1,2-Dichloroethane-d4   | 8.137  | 65             | 25969    | 63.693 | ug/l     | 0.00        |
| Spiked Amount               | 50.000 | Range 50 - 163 | Recovery | =      | 127.380% |             |
| 35) Dibromofluoromethane    | 7.716  | 113            | 25859    | 66.556 | ug/l     | 0.00        |
| Spiked Amount               | 50.000 | Range 54 - 147 | Recovery | =      | 133.120% |             |
| 50) Toluene-d8              | 10.179 | 98             | 79497    | 51.647 | ug/l     | 0.00        |
| Spiked Amount               | 50.000 | Range 49 - 140 | Recovery | =      | 103.300% |             |
| 62) 4-Bromofluorobenzene    | 12.483 | 95             | 21844    | 43.371 | ug/l     | 0.00        |
| Spiked Amount               | 50.000 | Range 25 - 144 | Recovery | =      | 86.740%  |             |
| Target Compounds            |        |                |          |        |          |             |
| 20) Methylene Chloride      | 4.710  | 84             | 13335    | 29.635 | ug/l     | Qvalue # 79 |
| -----                       |        |                |          |        |          |             |

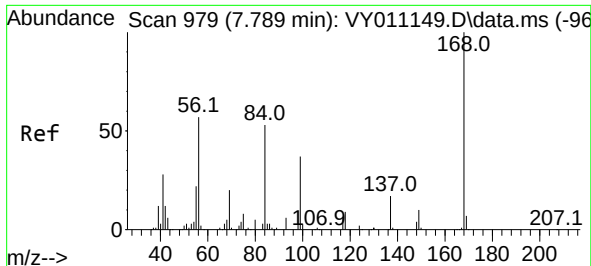
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY103122\  
Data File : VY011201.D  
Acq On : 31 Oct 2022 16:49  
Operator : KP/MD  
Sample : N5262-02RE  
Misc : 5.06g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VOCRE

Quant Time: Nov 01 02:45:06 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y102822S.M  
Quant Title : SW846 8260  
QLast Update : Fri Oct 28 23:42:14 2022  
Response via : Initial Calibration

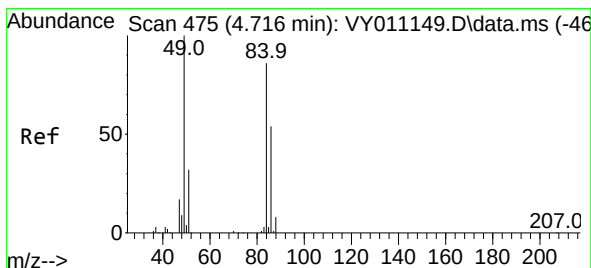
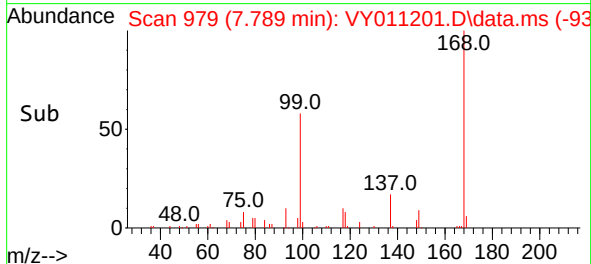
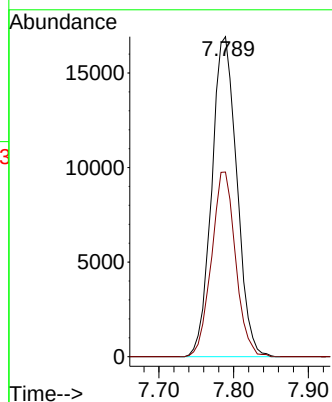
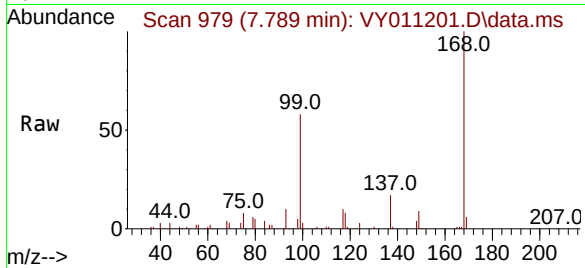




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY011201.D  
Acq: 31 Oct 2022 16:49

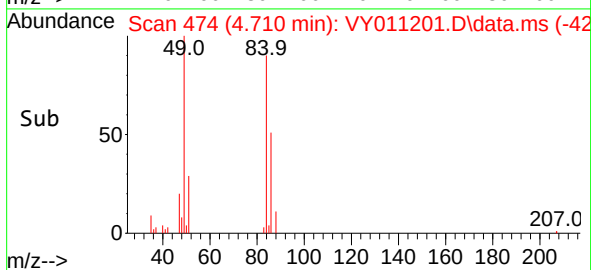
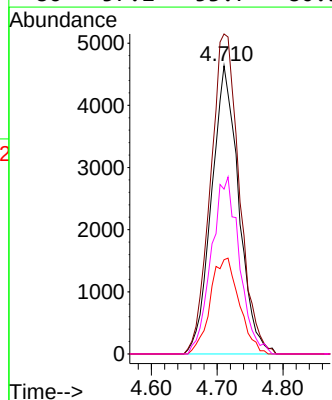
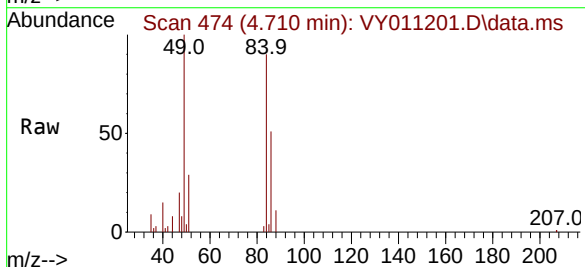
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VOCRE

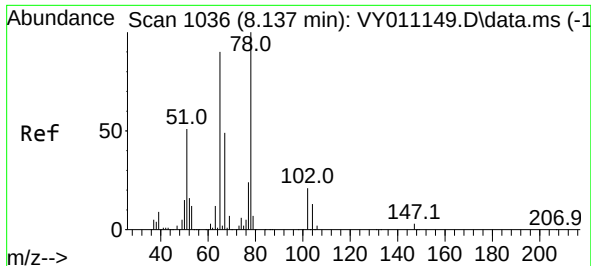
Tgt Ion:168 Resp: 39431  
Ion Ratio Lower Upper  
168 100  
99 57.7 46.9 70.3



#20  
Methylene Chloride  
Concen: 29.635 ug/l  
RT: 4.710 min Scan# 474  
Delta R.T. -0.006 min  
Lab File: VY011201.D  
Acq: 31 Oct 2022 16:49

Tgt Ion: 84 Resp: 13335  
Ion Ratio Lower Upper  
84 100  
49 111.0 114.4 171.6#  
51 32.7 35.3 52.9#  
86 57.2 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 63.693 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY011201.D

Acq: 31 Oct 2022 16:49

Instrument :

MSVOA\_Y

ClientSampleId :

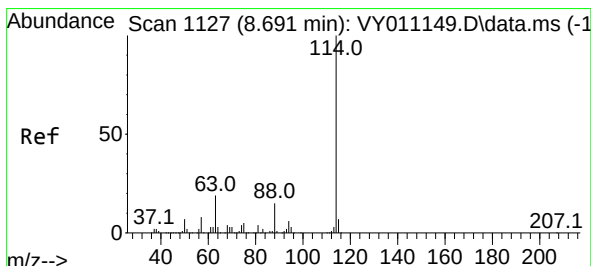
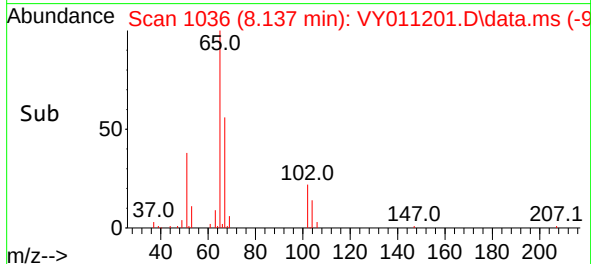
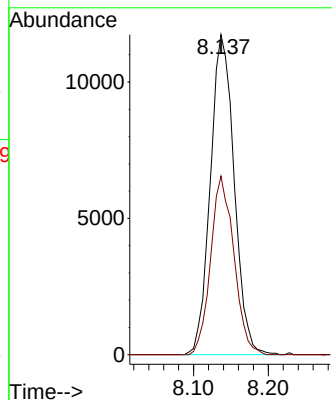
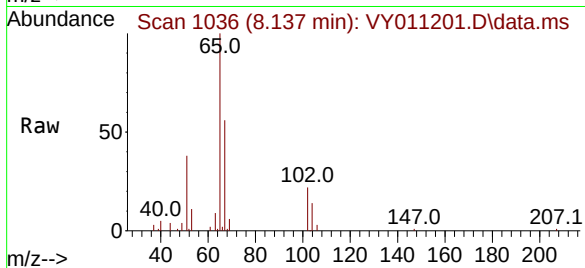
VOCRE

Tgt Ion: 65 Resp: 25969

Ion Ratio Lower Upper

65 100

67 54.5 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011201.D

Acq: 31 Oct 2022 16:49

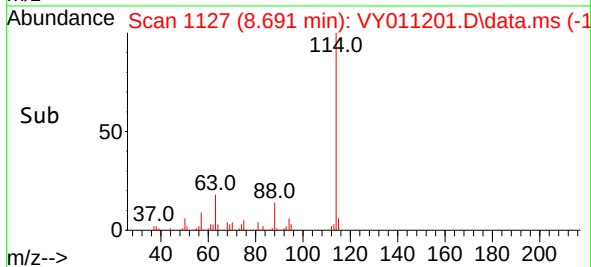
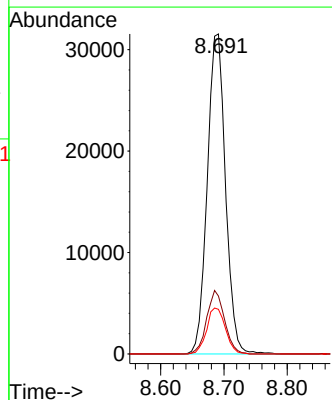
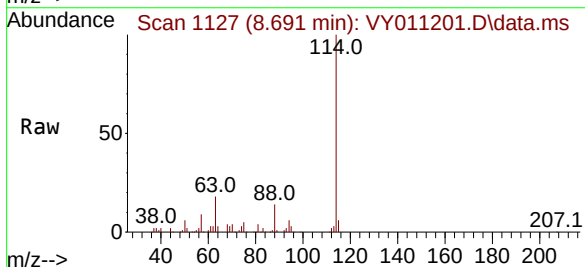
Tgt Ion: 114 Resp: 63180

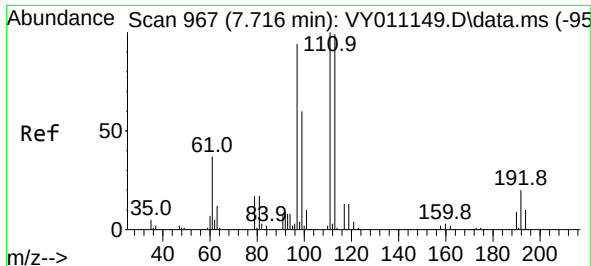
Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 13.9 0.0 31.8

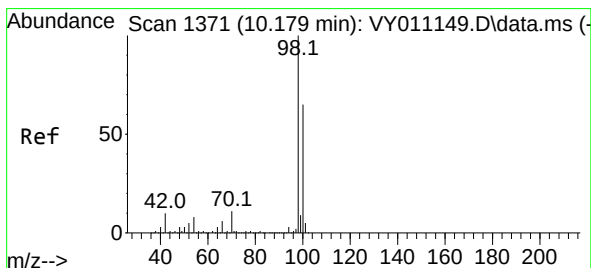
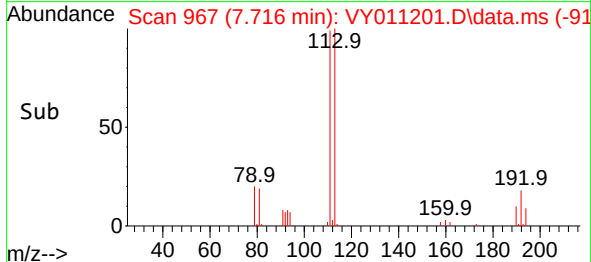
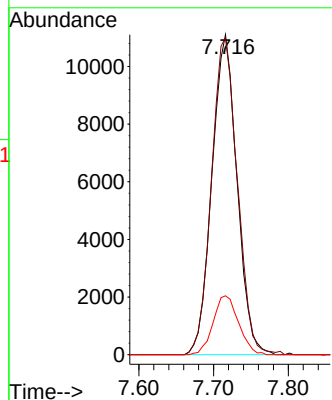
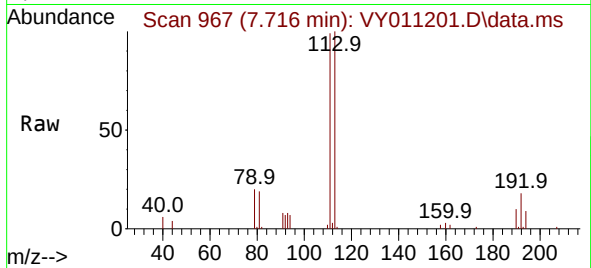




#35  
Dibromofluoromethane  
Concen: 66.556 ug/l  
RT: 7.716 min Scan# 90  
Delta R.T. -0.000 min  
Lab File: VY011201.D  
Acq: 31 Oct 2022 16:49

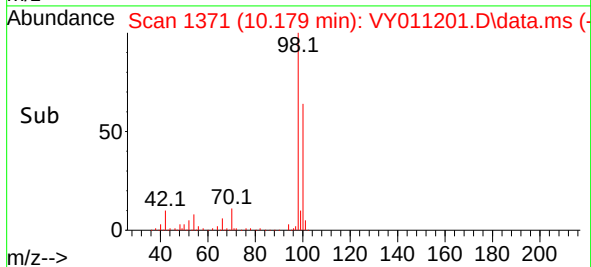
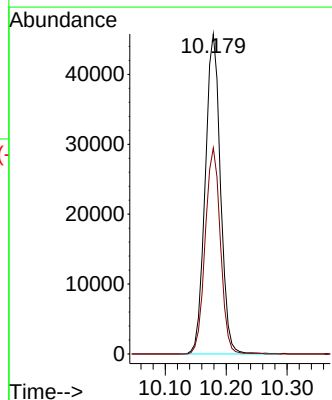
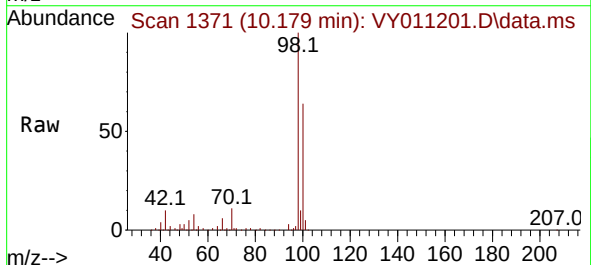
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VOCRE

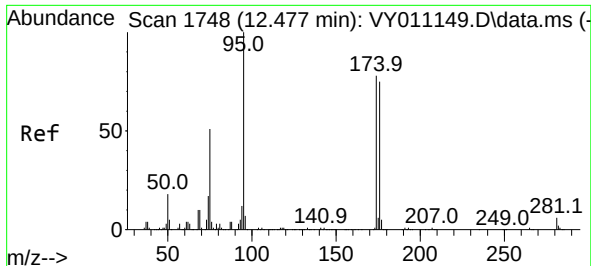
Tgt Ion:113 Resp: 25859  
Ion Ratio Lower Upper  
113 100  
111 102.3 82.6 124.0  
192 18.7 17.6 26.4



#50  
Toluene-d8  
Concen: 51.647 ug/l  
RT: 10.179 min Scan# 1371  
Delta R.T. -0.000 min  
Lab File: VY011201.D  
Acq: 31 Oct 2022 16:49

Tgt Ion: 98 Resp: 79497  
Ion Ratio Lower Upper  
98 100  
100 64.3 50.2 75.2

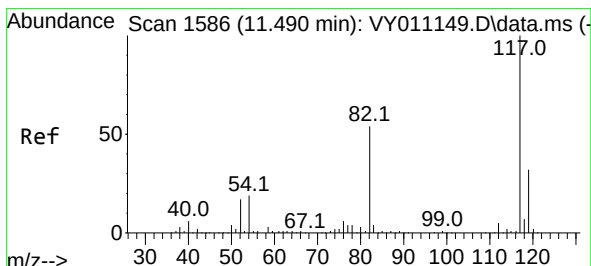
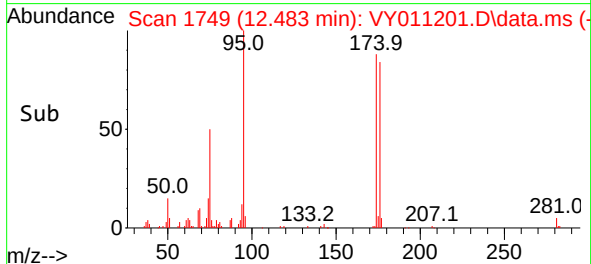
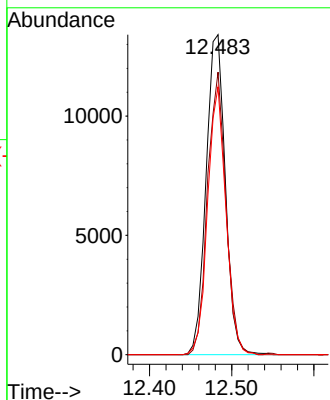
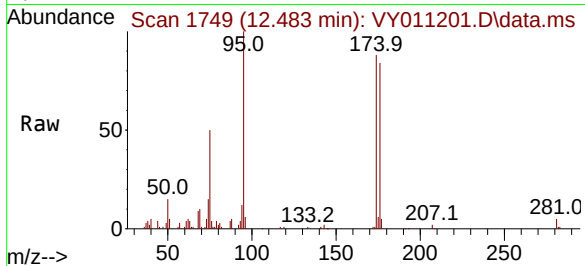




#62  
4-Bromofluorobenzene  
Concen: 43.371 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.006 min  
Lab File: VY011201.D  
Acq: 31 Oct 2022 16:49

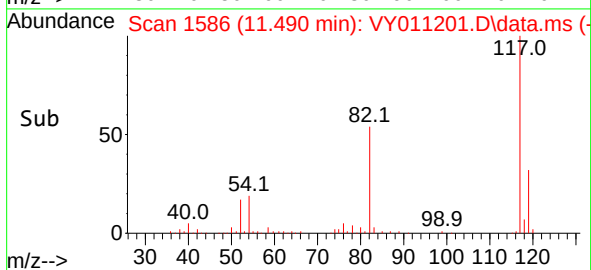
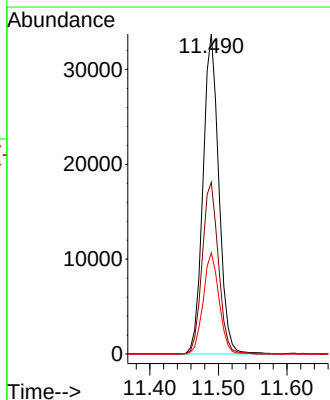
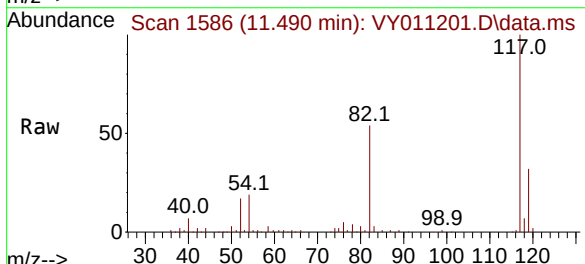
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VOCRE

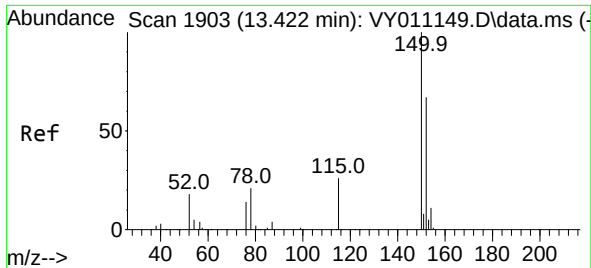
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 95    | Resp: | 21844 |
| Ion      | Ratio | Lower | Upper |
| 95       | 100   |       |       |
| 174      | 84.4  | 0.0   | 177.0 |
| 176      | 79.3  | 0.0   | 175.8 |



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.490 min Scan# 1586  
Delta R.T. -0.000 min  
Lab File: VY011201.D  
Acq: 31 Oct 2022 16:49

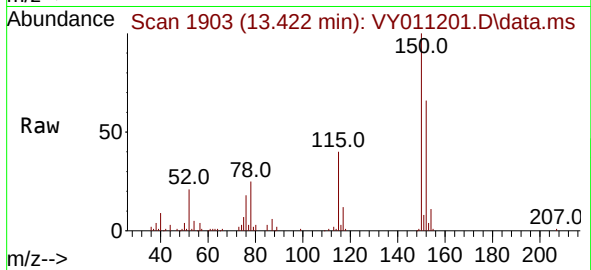
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 54242 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 82       | 53.6  | 43.0  | 64.4  |
| 119      | 31.6  | 25.4  | 38.0  |





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.422 min Scan# 1903  
 Delta R.T. 0.000 min  
 Lab File: VY011201.D  
 Acq: 31 Oct 2022 16:49

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VOCRE



Tgt Ion:152 Resp: 19113  
 Ion Ratio Lower Upper  
 152 100  
 115 59.4 28.2 84.7  
 150 158.9 0.0 347.6

