

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY110422\  
 Data File : VY011300.D  
 Acq On : 04 Nov 2022 16:23  
 Operator : KP/MD  
 Sample : N5310-05RE  
 Misc : 5.10g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 BIN 1-2-(2840)-VOC-1RE

Quant Time: Nov 07 01:52:06 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y110122S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 01 11:56:18 2022  
 Response via : Initial Calibration

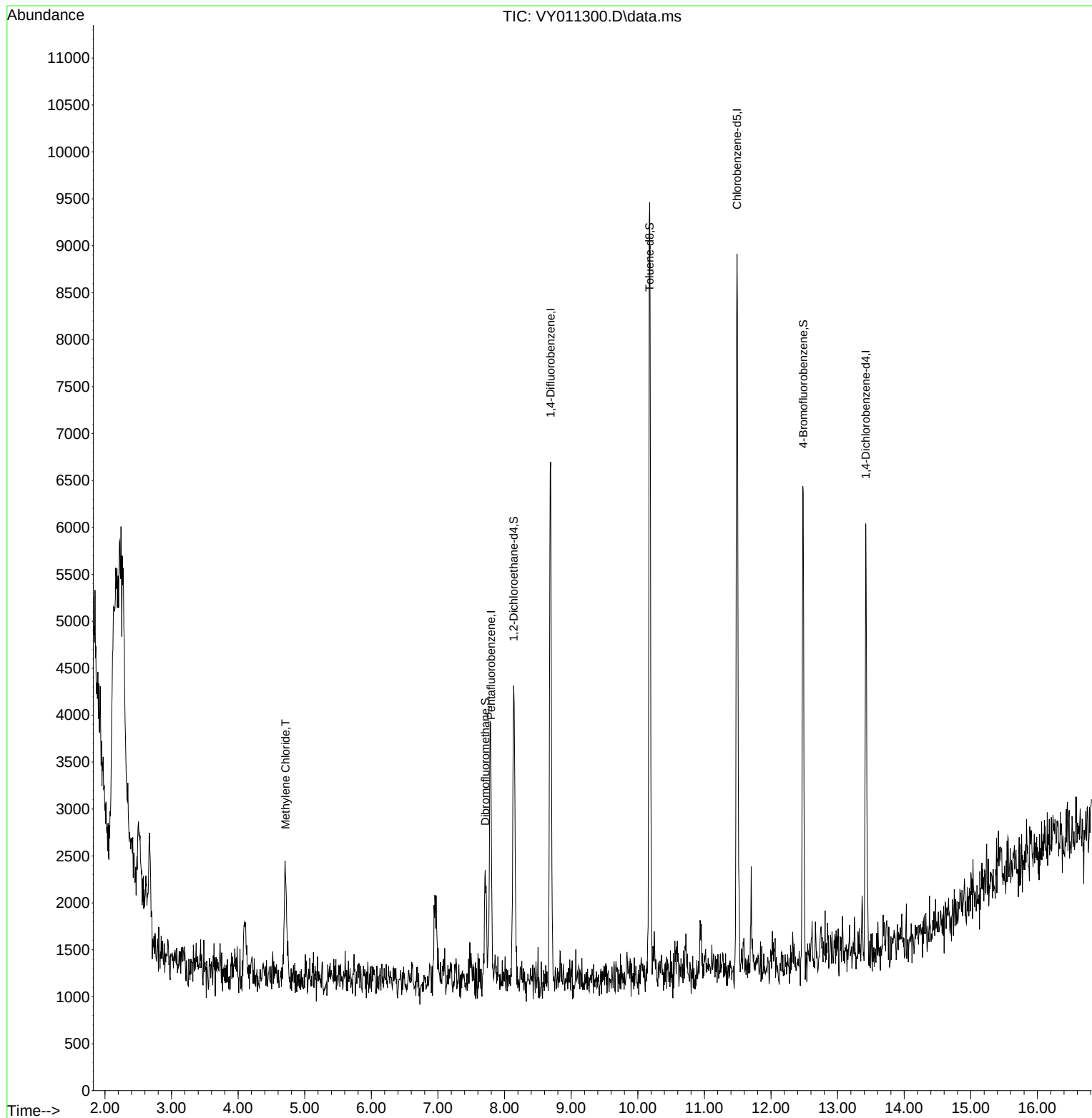
| Compound                    | R.T.   | QIon  | Response | Conc     | Units       | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------------|----------|
| -----                       |        |       |          |          |             |          |
| Internal Standards          |        |       |          |          |             |          |
| 1) Pentafluorobenzene       | 7.795  | 168   | 2391     | 50.000   | ug/l        | # 0.00   |
| 34) 1,4-Difluorobenzene     | 8.691  | 114   | 5241     | 50.000   | ug/l        | 0.00     |
| 63) Chlorobenzene-d5        | 11.490 | 117   | 4785     | 50.000   | ug/l        | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.422 | 152   | 1185     | 50.000   | ug/l        | 0.00     |
| System Monitoring Compounds |        |       |          |          |             |          |
| 33) 1,2-Dichloroethane-d4   | 8.137  | 65    | 2471     | 96.630   | ug/l        | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 193.260%# |          |
| 35) Dibromofluoromethane    | 7.710  | 113   | 931      | 27.648   | ug/l        | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 55.300%   |          |
| 50) Toluene-d8              | 10.179 | 98    | 5892     | 45.067   | ug/l        | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 90.140%   |          |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 1946     | 42.875   | ug/l        | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 85.760%   |          |
| Target Compounds            |        |       |          |          |             |          |
| 20) Methylene Chloride      | 4.710  | 84    | 984      | 29.065   | ug/l        | # 75     |
| -----                       |        |       |          |          |             |          |

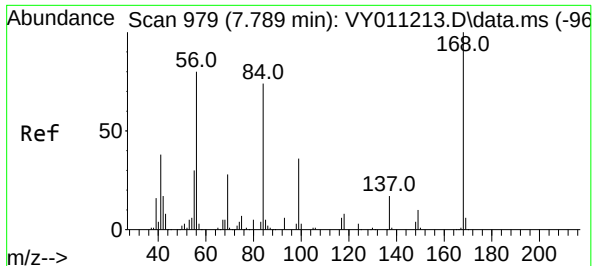
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BIN 1-2-(2840)-VOC-1RE

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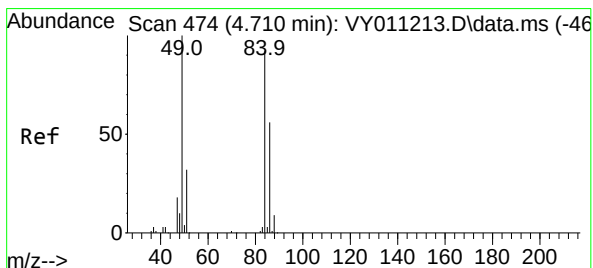
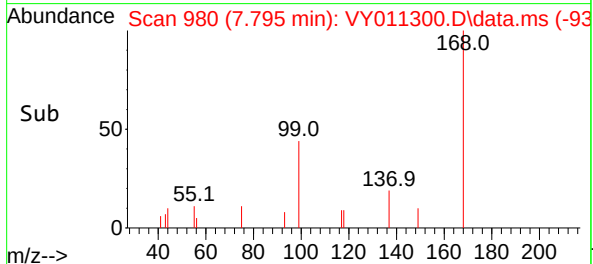
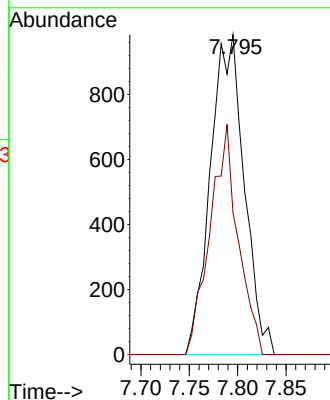
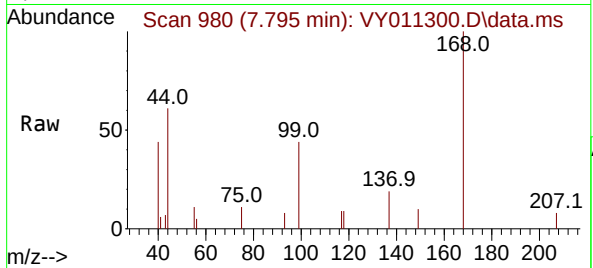




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 979  
Delta R.T. 0.006 min  
Lab File: VY011300.D  
Acq: 04 Nov 2022 16:23

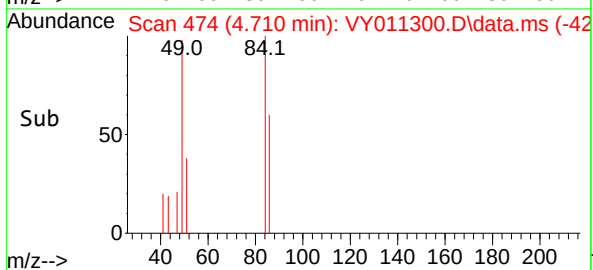
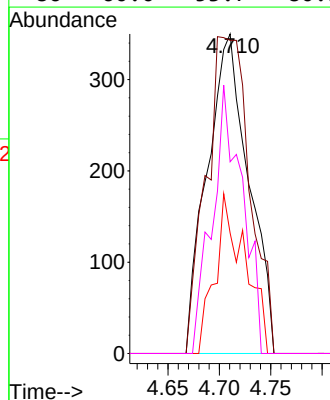
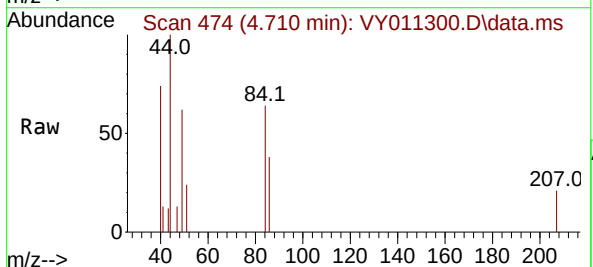
Instrument :  
MSVOA\_Y  
ClientSampleId :  
BIN 1-2-(2840)-VOC-1RE

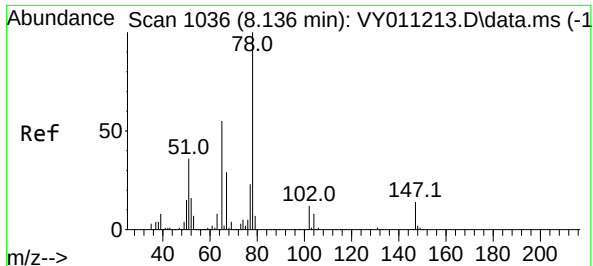
Tgt Ion:168 Resp: 2391  
Ion Ratio Lower Upper  
168 100  
99 44.3 46.9 70.3#



#20  
Methylene Chloride  
Concen: 29.065 ug/l  
RT: 4.710 min Scan# 474  
Delta R.T. 0.000 min  
Lab File: VY011300.D  
Acq: 04 Nov 2022 16:23

Tgt Ion: 84 Resp: 984  
Ion Ratio Lower Upper  
84 100  
49 98.0 114.4 171.6#  
51 37.7 35.3 52.9  
86 60.0 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 96.630 ug/l

RT: 8.137 min Scan# 1103

Delta R.T. 0.001 min

Lab File: VY011300.D

Acq: 04 Nov 2022 16:23

Instrument :

MSVOA\_Y

ClientSampleId :

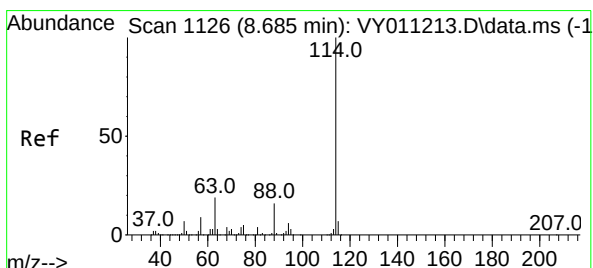
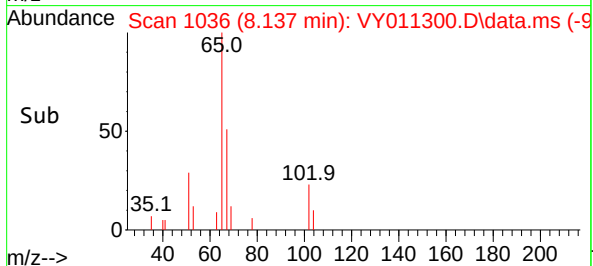
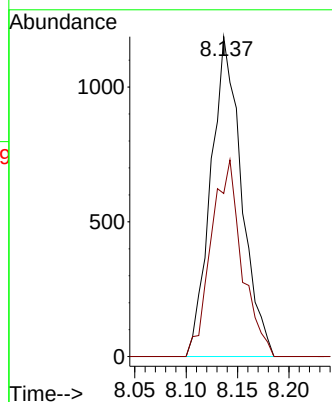
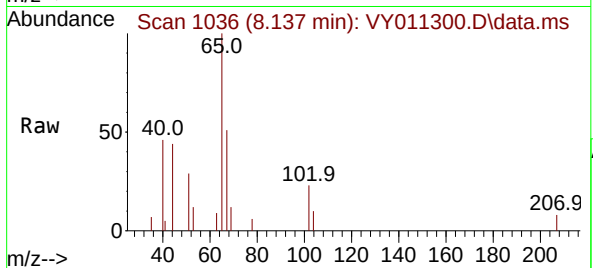
BIN 1-2-(2840)-VOC-1RE

Tgt Ion: 65 Resp: 2471

Ion Ratio Lower Upper

65 100

67 61.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY011300.D

Acq: 04 Nov 2022 16:23

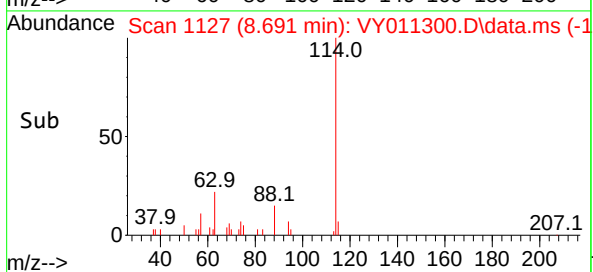
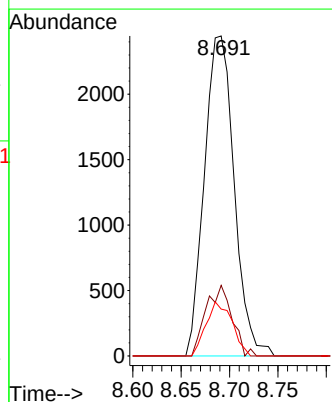
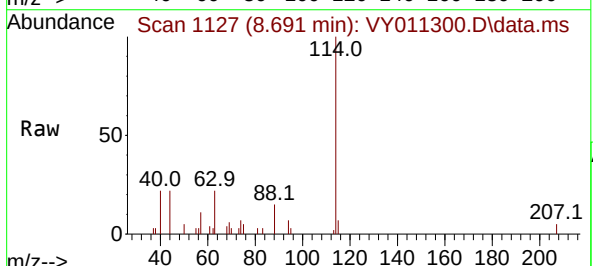
Tgt Ion: 114 Resp: 5241

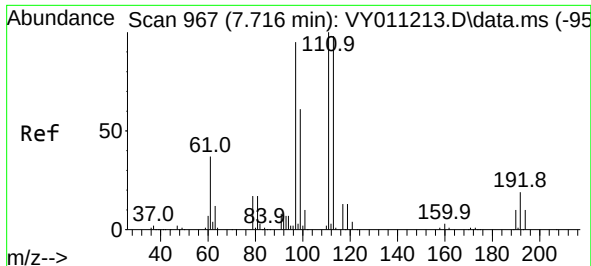
Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.2

88 14.6 0.0 31.8

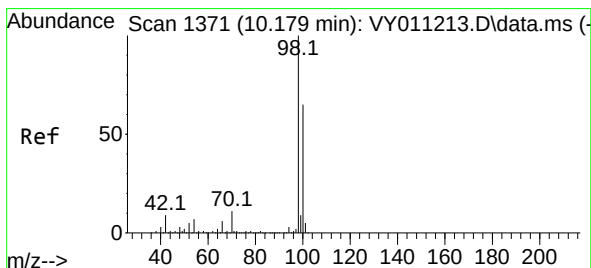
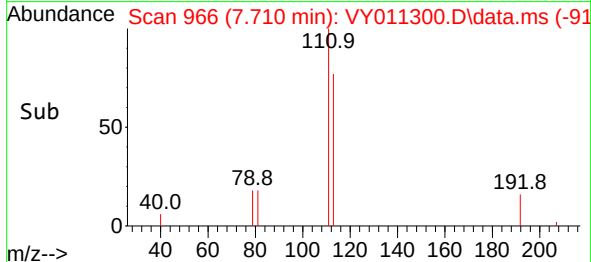
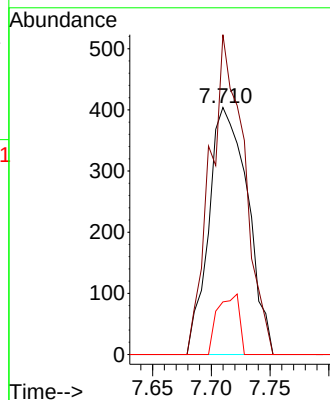
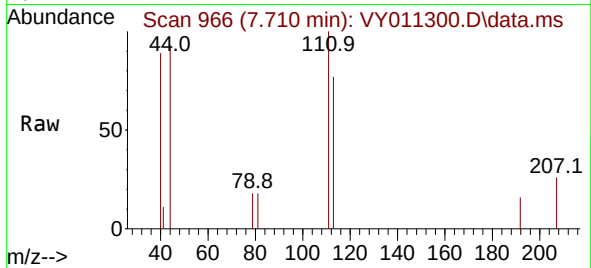




#35  
Dibromofluoromethane  
Concen: 27.648 ug/l  
RT: 7.710 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY011300.D  
Acq: 04 Nov 2022 16:23

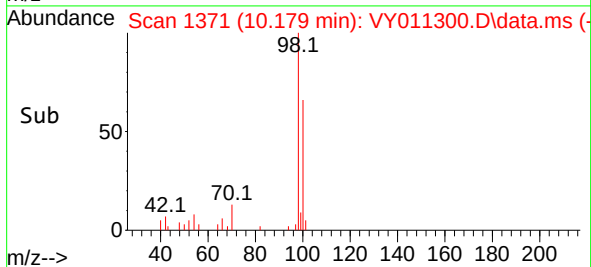
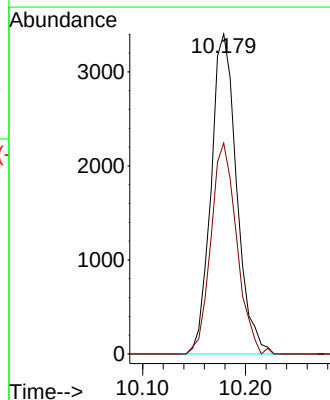
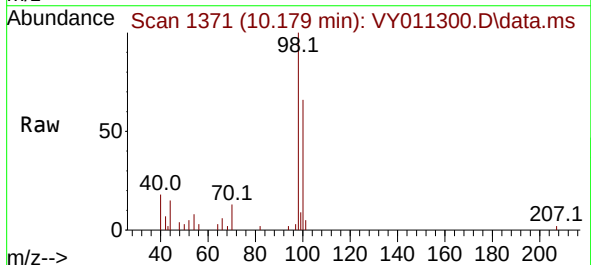
Instrument :  
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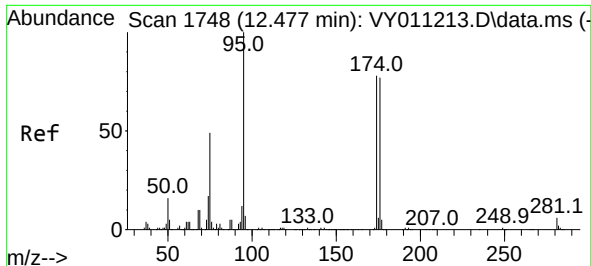
Tgt Ion:113 Resp: 931  
Ion Ratio Lower Upper  
113 100  
111 113.9 82.6 124.0  
192 13.5 17.6 26.4#



#50  
Toluene-d8  
Concen: 45.067 ug/l  
RT: 10.179 min Scan# 1371  
Delta R.T. -0.000 min  
Lab File: VY011300.D  
Acq: 04 Nov 2022 16:23

Tgt Ion: 98 Resp: 5892  
Ion Ratio Lower Upper  
98 100  
100 66.3 50.2 75.2

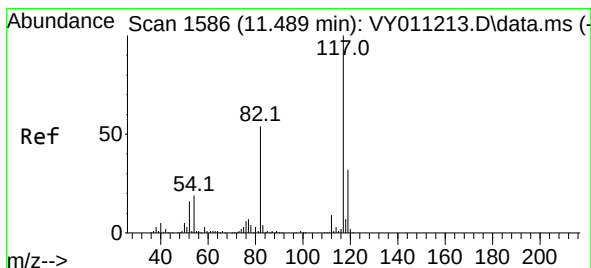
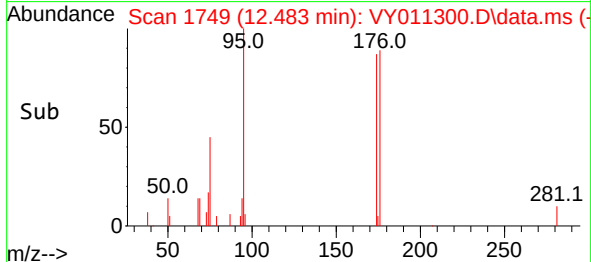
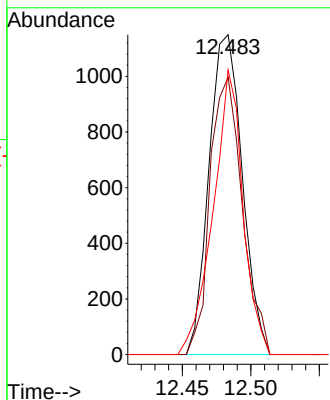
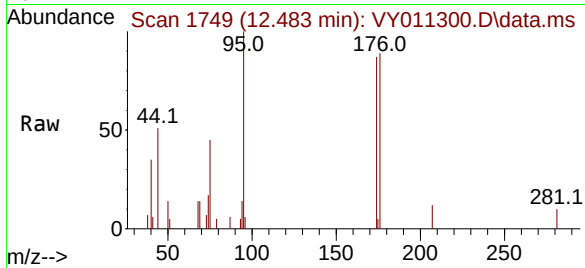




#62  
4-Bromofluorobenzene  
Concen: 42.875 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY011300.D  
Acq: 04 Nov 2022 16:23

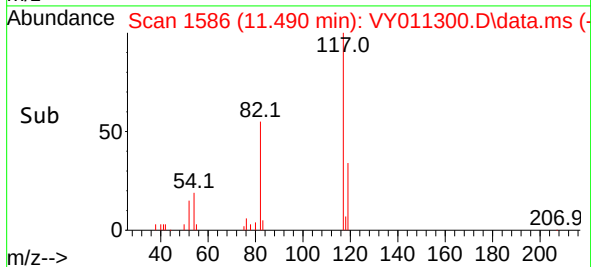
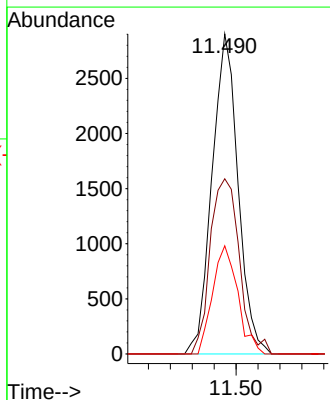
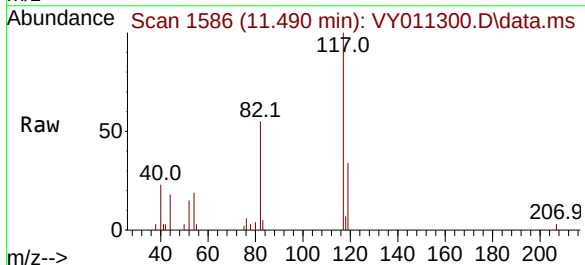
Instrument :  
MSVOA\_Y  
ClientSampleId :  
BIN 1-2-(2840)-VOC-1RE

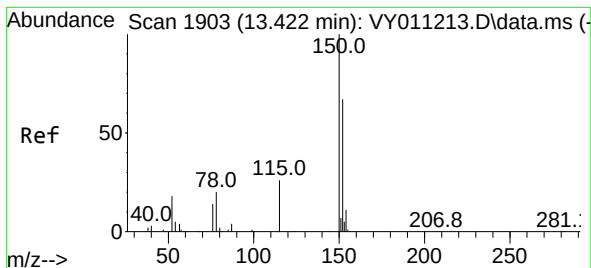
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 95    | Resp: | 1946  |
| Ion Ratio | Lower | Upper |       |
| 95        | 100   |       |       |
| 174       | 83.9  | 0.0   | 177.0 |
| 176       | 79.5  | 0.0   | 175.8 |



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.490 min Scan# 1586  
Delta R.T. -0.000 min  
Lab File: VY011300.D  
Acq: 04 Nov 2022 16:23

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 117   | Resp: | 4785 |
| Ion Ratio | Lower | Upper |      |
| 117       | 100   |       |      |
| 82        | 54.8  | 43.0  | 64.4 |
| 119       | 33.8  | 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: VY011300.D

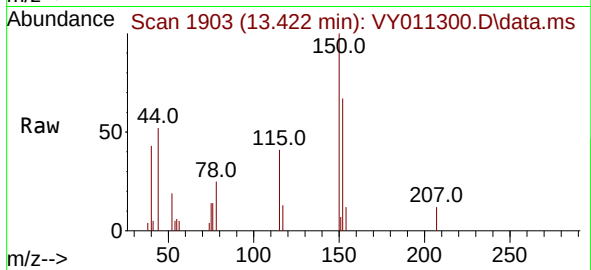
Acq: 04 Nov 2022 16:23

Instrument :

MSVOA\_Y

ClientSampleId :

BIN 1-2-(2840)-VOC-1RE



Tgt Ion:152 Resp: 1185

Ion Ratio Lower Upper

152 100

115 68.4 28.2 84.7

150 173.9 0.0 347.6

