

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY042522\  
 Data File : VY008482.D  
 Acq On : 25 Apr 2022 15:17  
 Operator : KP/MD  
 Sample : VIBLK  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VIBLK

Quant Time: Apr 26 01:56:43 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y042122S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Apr 21 14:28:40 2022  
 Response via : Initial Calibration

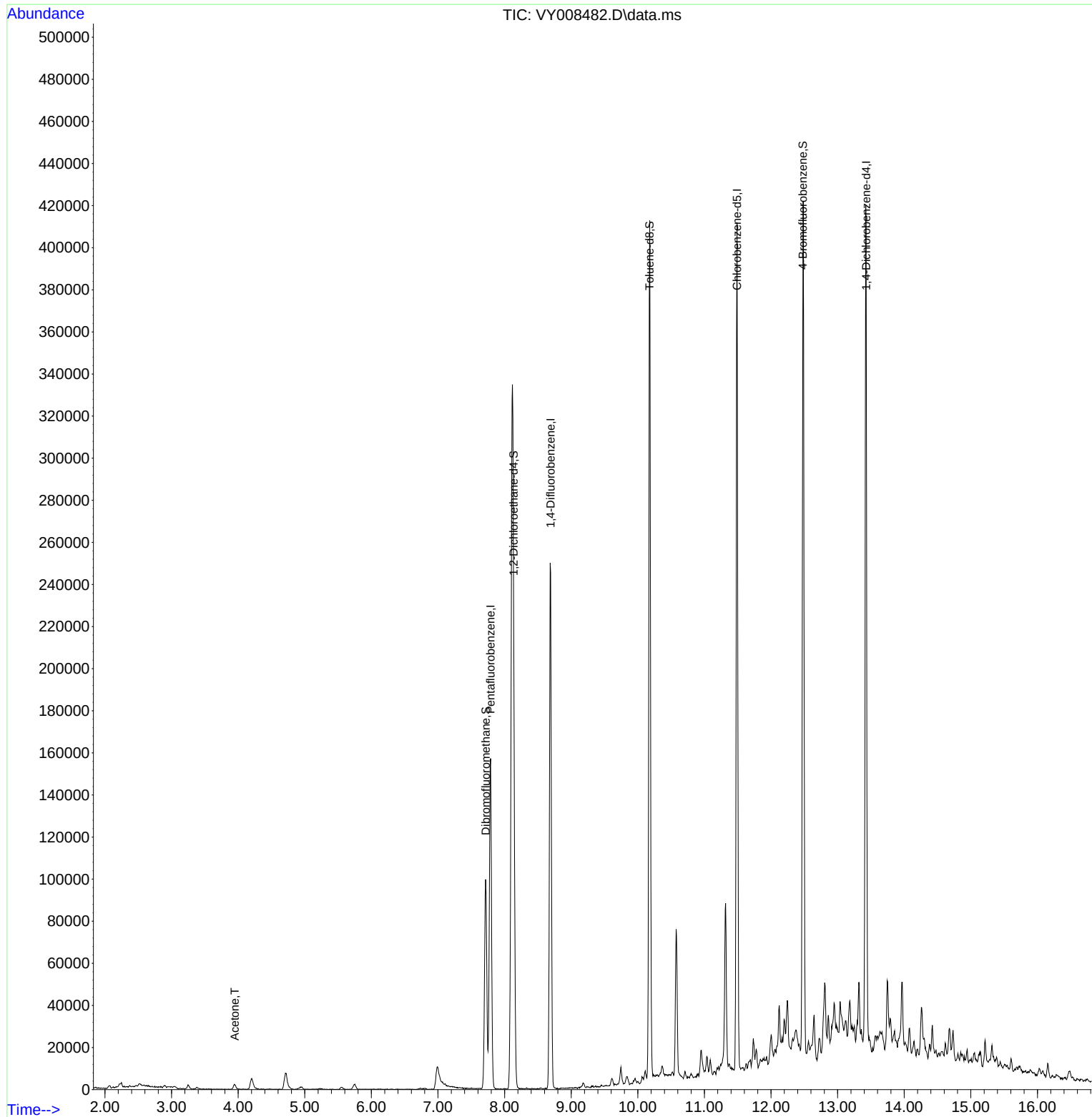
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 7.789  | 168   | 125727   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.691  | 114   | 227588   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.489 | 117   | 222942   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.428 | 152   | 105728   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.136  | 65    | 66025    | 44.632   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =      | 89.260%  |
| 35) Dibromofluoromethane    | 7.716  | 113   | 71176    | 48.458   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =      | 96.920%  |
| 50) Toluene-d8              | 10.179 | 98    | 273878   | 46.928   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =      | 93.860%  |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 100425   | 50.776   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =      | 101.560% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 3.948  | 43    | 4475     | 12.987   | ug/l   | 93       |
| -----                       |        |       |          |          |        |          |

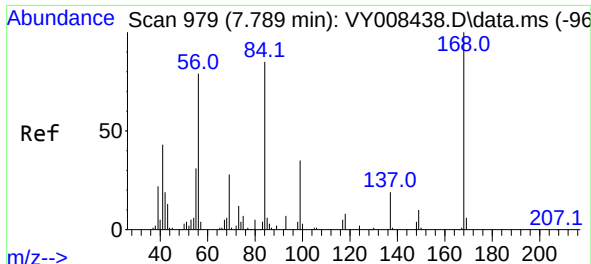
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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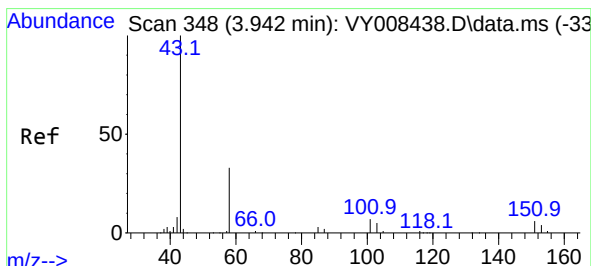
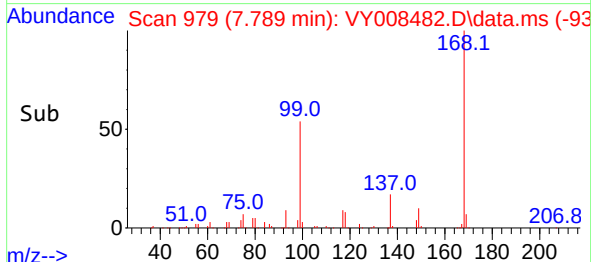
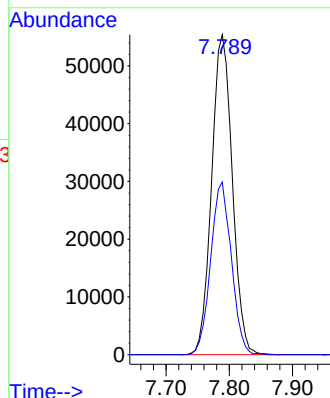
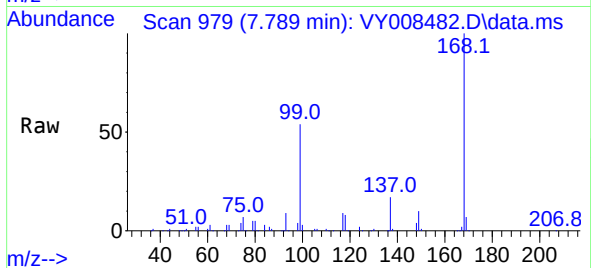




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY008482.D  
Acq: 25 Apr 2022 15:17

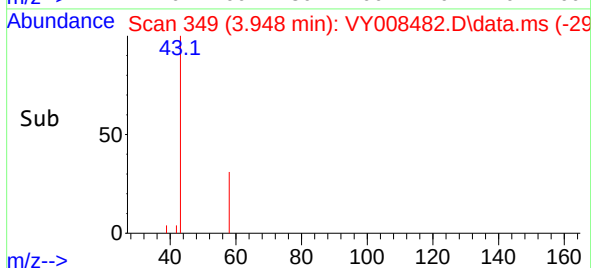
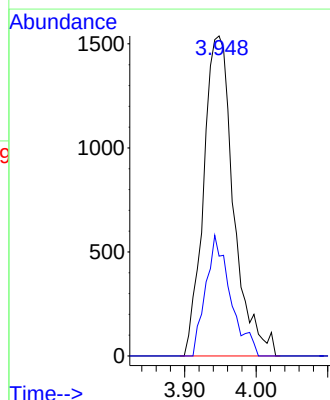
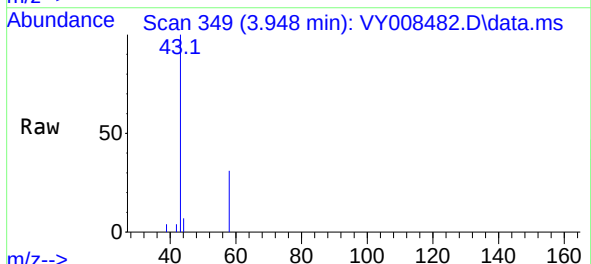
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VIBLK

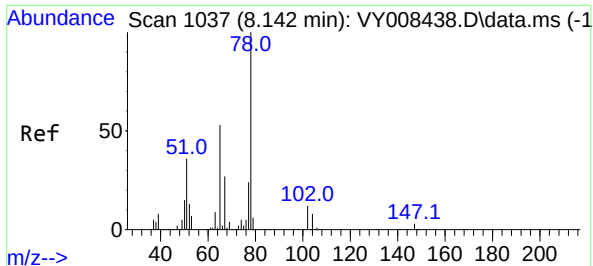
Tgt Ion:168 Resp: 125727  
Ion Ratio Lower Upper  
168 100  
99 54.0 46.9 70.3



#16  
Acetone  
Concen: 12.987 ug/l  
RT: 3.948 min Scan# 349  
Delta R.T. 0.006 min  
Lab File: VY008482.D  
Acq: 25 Apr 2022 15:17

Tgt Ion: 43 Resp: 4475  
Ion Ratio Lower Upper  
43 100  
58 31.2 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 44.632 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY008482.D

Acq: 25 Apr 2022 15:17

Instrument :

MSVOA\_Y

ClientSampleId :

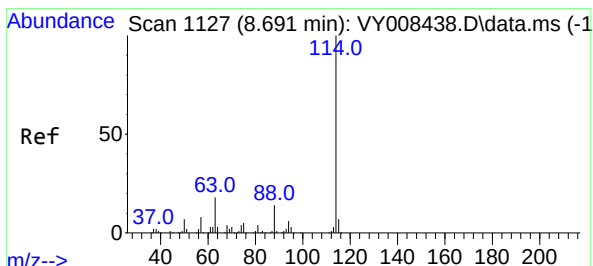
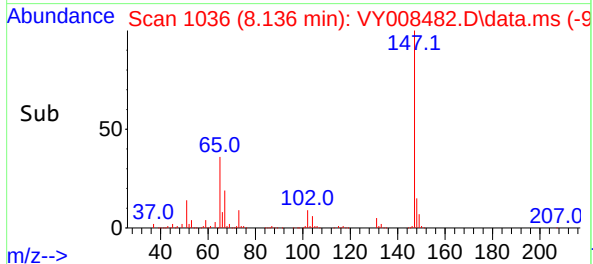
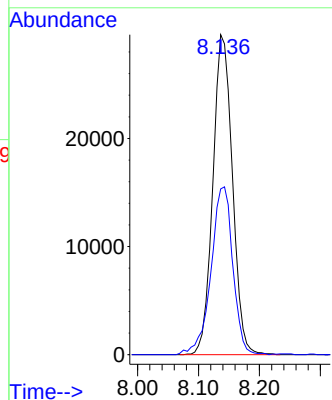
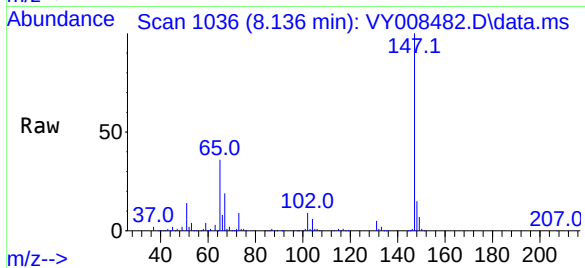
VIBLK

Tgt Ion: 65 Resp: 66025

Ion Ratio Lower Upper

65 100

67 58.4 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: VY008482.D

Acq: 25 Apr 2022 15:17

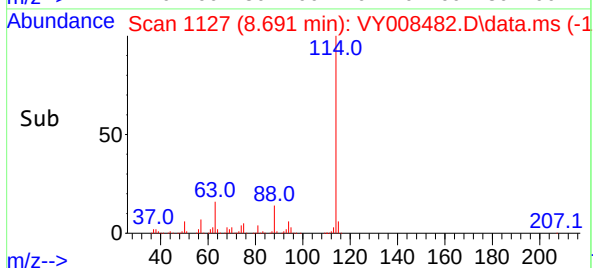
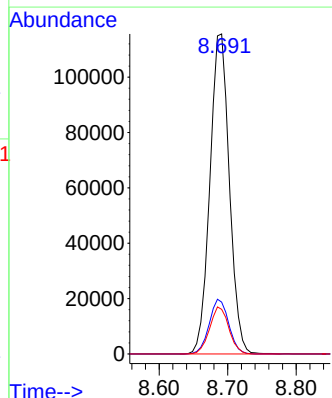
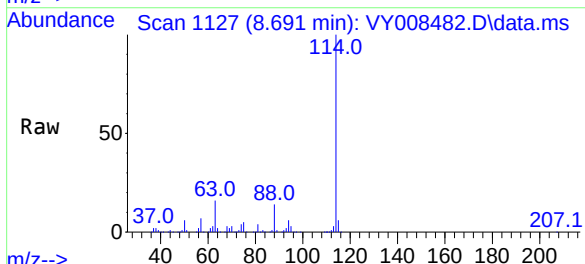
Tgt Ion:114 Resp: 227588

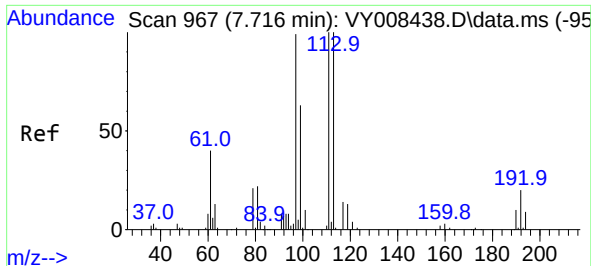
Ion Ratio Lower Upper

114 100

63 16.2 0.0 43.2

88 14.0 0.0 31.8

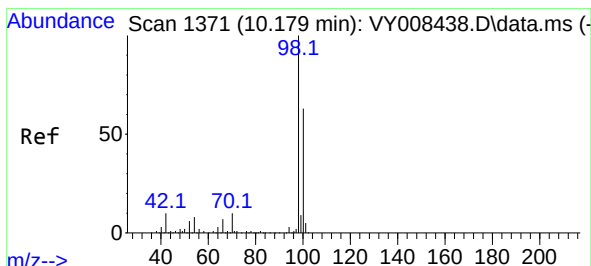
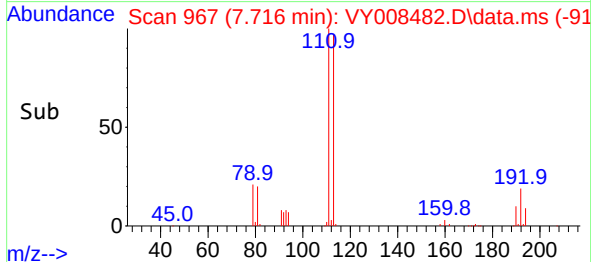
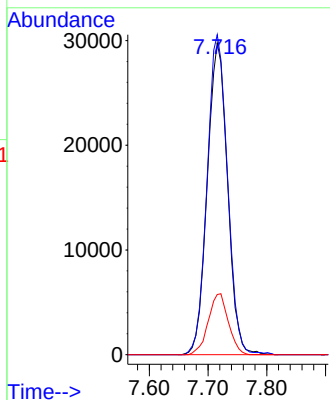
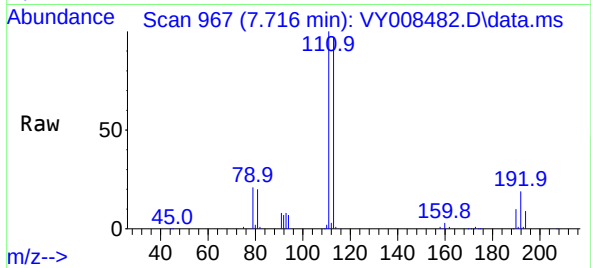




#35  
Dibromofluoromethane  
Concen: 48.458 ug/l  
RT: 7.716 min Scan# 90  
Delta R.T. -0.000 min  
Lab File: VY008482.D  
Acq: 25 Apr 2022 15:17

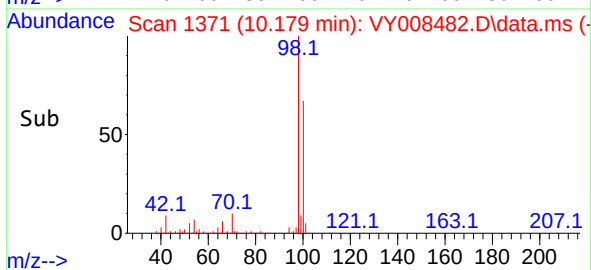
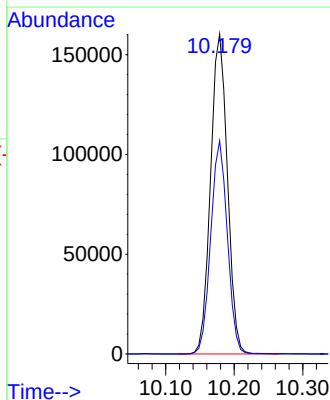
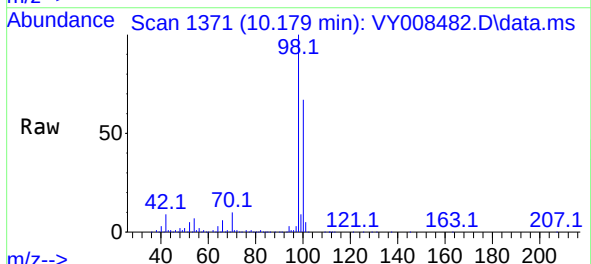
Instrument :  
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ClientSampleId :  
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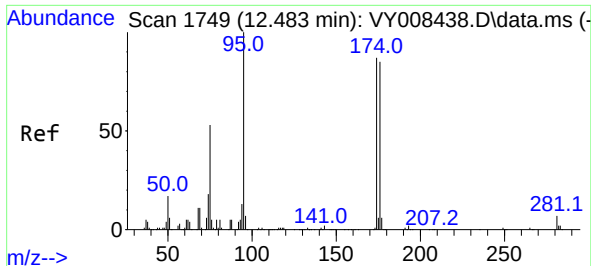
Tgt Ion:113 Resp: 71176  
Ion Ratio Lower Upper  
113 100  
111 103.5 82.6 124.0  
192 19.4 17.6 26.4



#50  
Toluene-d8  
Concen: 46.928 ug/l  
RT: 10.179 min Scan# 1371  
Delta R.T. -0.000 min  
Lab File: VY008482.D  
Acq: 25 Apr 2022 15:17

Tgt Ion: 98 Resp: 273878  
Ion Ratio Lower Upper  
98 100  
100 65.6 50.2 75.2

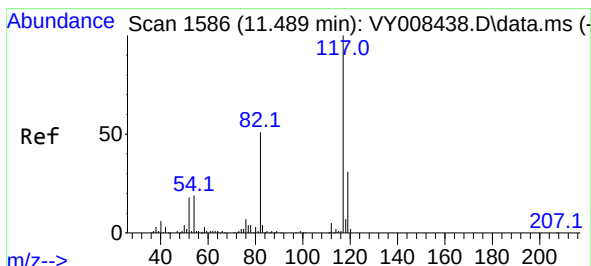
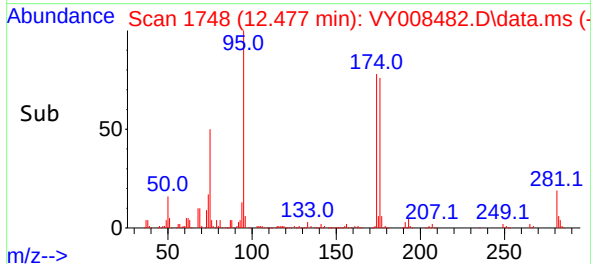
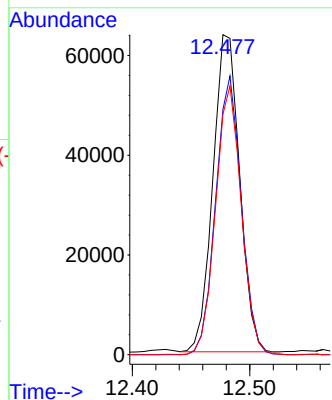
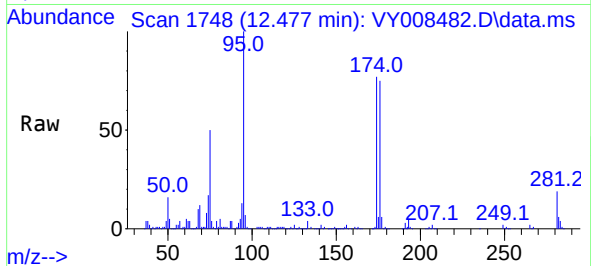




#62  
4-Bromofluorobenzene  
Concen: 50.776 ug/l  
RT: 12.477 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY008482.D  
Acq: 25 Apr 2022 15:17

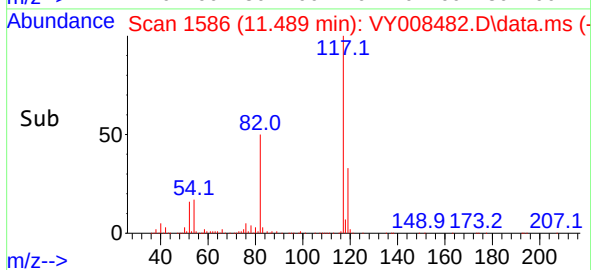
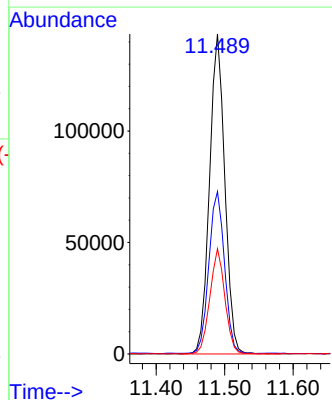
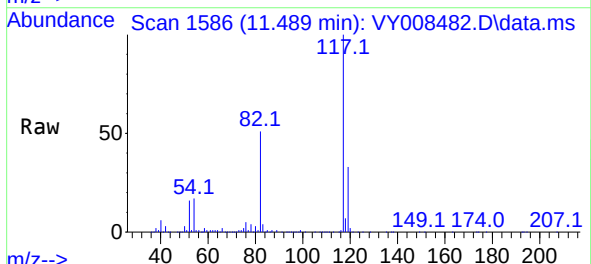
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VIBLK

Tgt Ion: 95 Resp: 100425  
Ion Ratio Lower Upper  
95 100  
174 84.4 0.0 177.0  
176 81.6 0.0 175.8

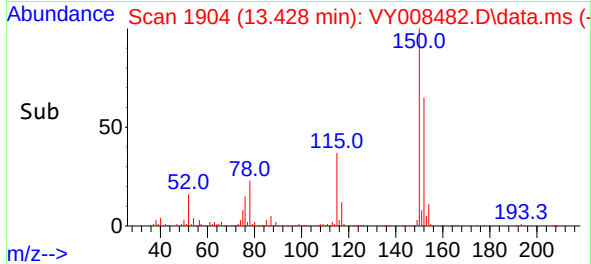
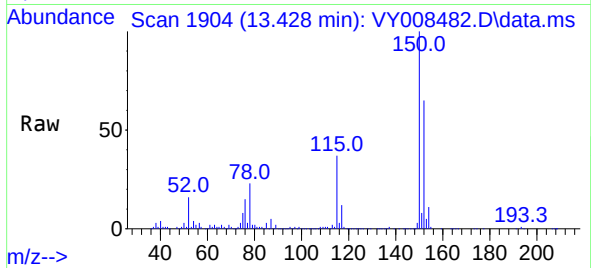
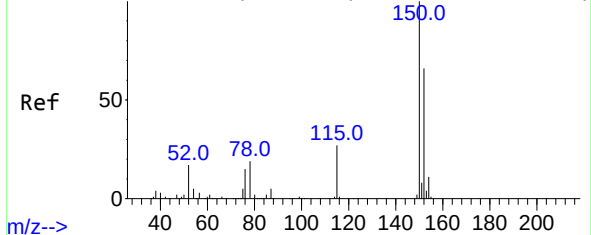


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 1586  
Delta R.T. 0.000 min  
Lab File: VY008482.D  
Acq: 25 Apr 2022 15:17

Tgt Ion: 117 Resp: 222942  
Ion Ratio Lower Upper  
117 100  
82 50.6 43.0 64.4  
119 32.8 25.4 38.0



Abundance Scan 1904 (13.428 min): VY008438.D\data.ms (-



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. 0.000 min  
Lab File: VY008482.D  
Acq: 25 Apr 2022 15:17

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VIBLK

Tgt Ion:152 Resp: 105728  
Ion Ratio Lower Upper  
152 100  
115 56.6 28.2 84.7  
150 155.6 0.0 347.6

