

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY092322\  
 Data File : VY010660.D  
 Acq On : 23 Sep 2022 19:40  
 Operator : KP/MD  
 Sample : N4780-11  
 Misc : 5.01g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SP-2

Quant Time: Sep 24 01:24:39 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y091922S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 20 01:02:44 2022  
 Response via : Initial Calibration

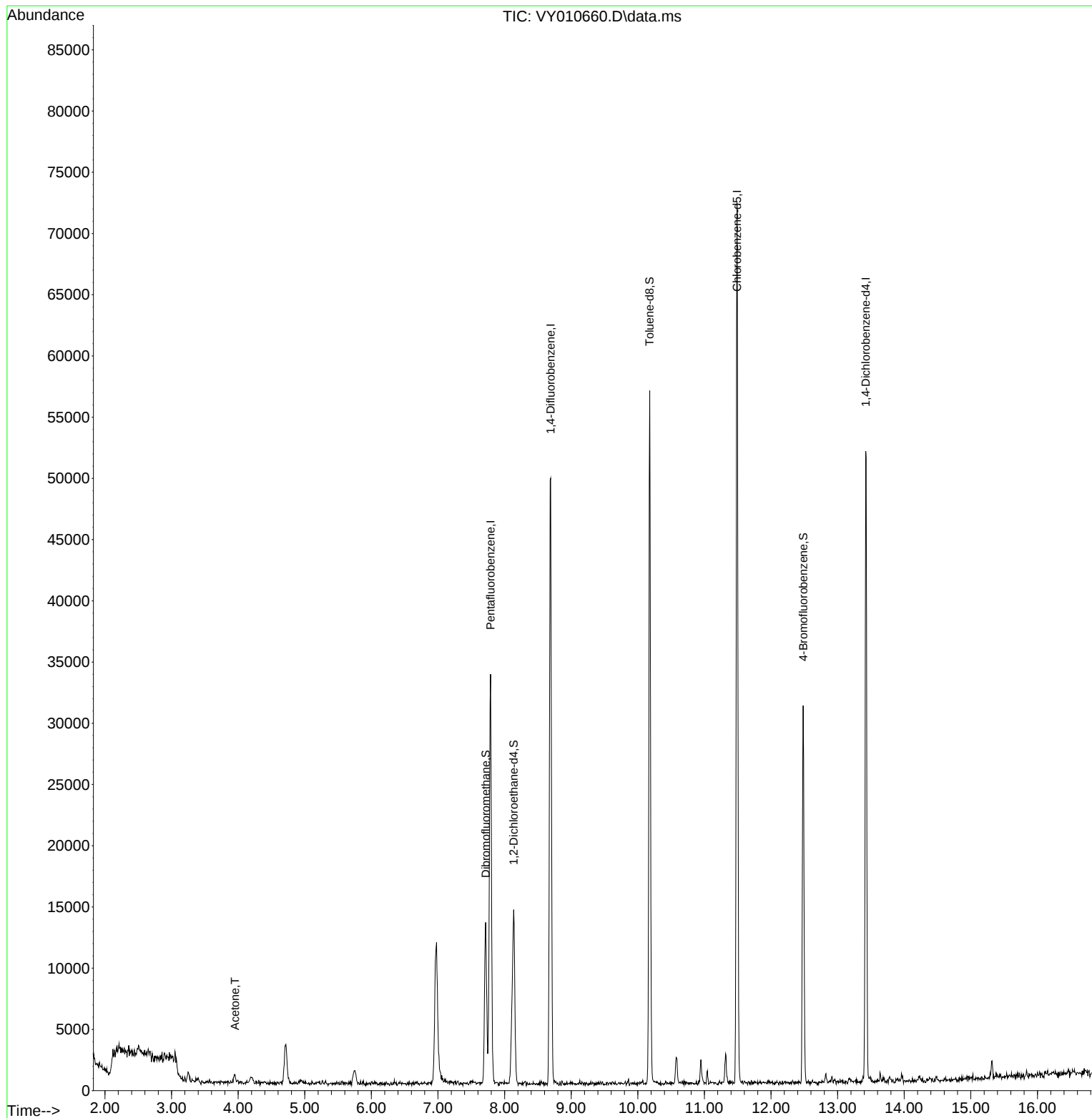
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)    |
|-----------------------------|--------|-------|----------|----------|-------|-------------|
| -----                       |        |       |          |          |       |             |
| Internal Standards          |        |       |          |          |       |             |
| 1) Pentafluorobenzene       | 7.789  | 168   | 25351    | 50.000   | ug/l  | 0.00        |
| 34) 1,4-Difluorobenzene     | 8.691  | 114   | 44499    | 50.000   | ug/l  | 0.00        |
| 63) Chlorobenzene-d5        | 11.490 | 117   | 40823    | 50.000   | ug/l  | 0.00        |
| 72) 1,4-Dichlorobenzene-d4  | 13.422 | 152   | 13870    | 50.000   | ug/l  | 0.00        |
| System Monitoring Compounds |        |       |          |          |       |             |
| 33) 1,2-Dichloroethane-d4   | 8.136  | 65    | 9713     | 40.058   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 80.120%     |
| 35) Dibromofluoromethane    | 7.716  | 113   | 9346     | 32.909   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 65.820%     |
| 50) Toluene-d8              | 10.179 | 98    | 36849    | 36.038   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =     | 72.080%     |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 8525     | 20.280   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =     | 40.560%     |
| Target Compounds            |        |       |          |          |       |             |
| 16) Acetone                 | 3.954  | 43    | 1213     | 24.531   | ug/l  | Qvalue # 82 |
| -----                       |        |       |          |          |       |             |

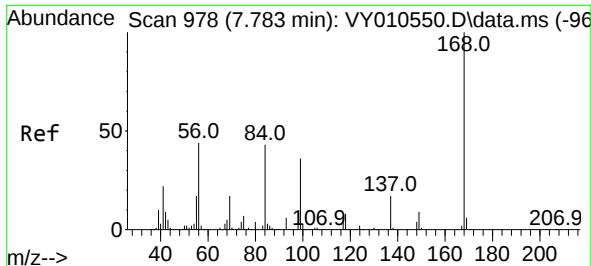
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 20 01:02:44 2022  
Response via : Initial Calibration

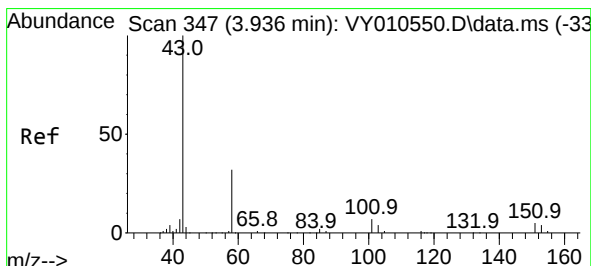
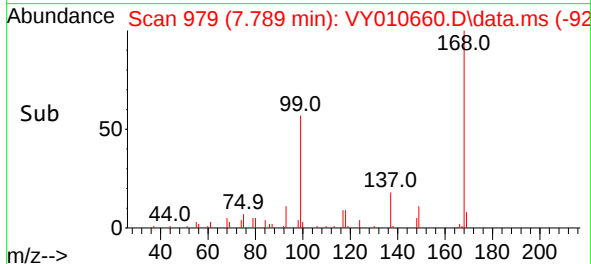
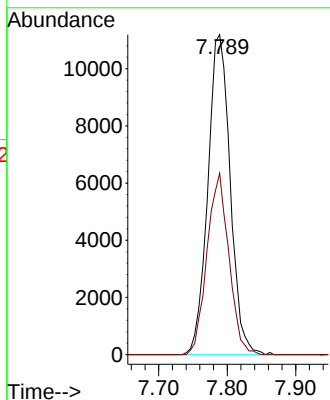
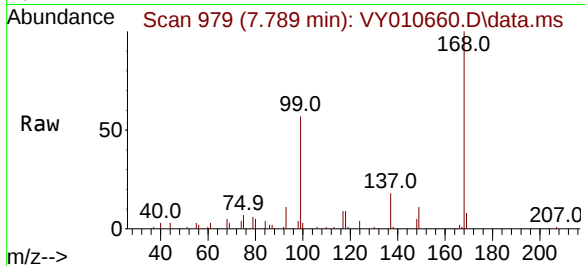




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY010660.D  
Acq: 23 Sep 2022 19:40

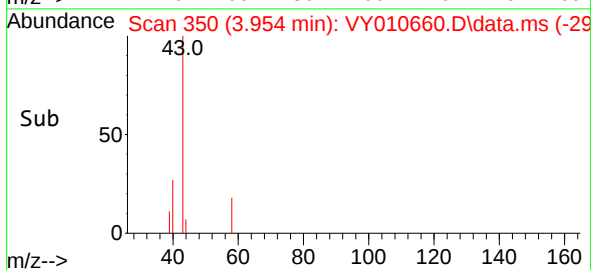
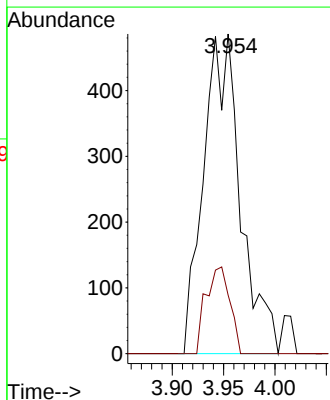
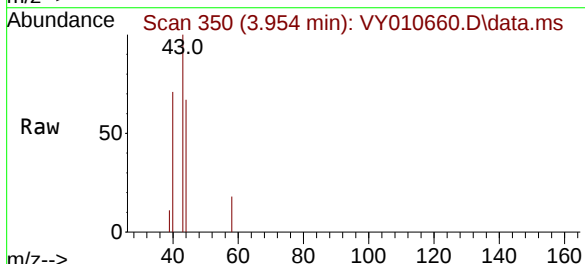
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SP-2

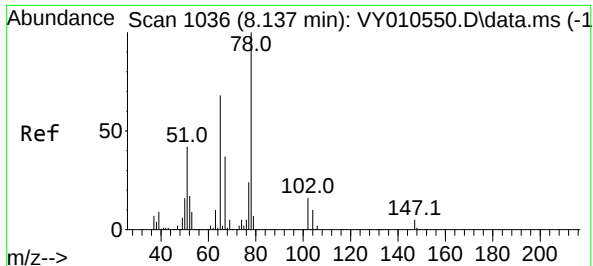
Tgt Ion:168 Resp: 25351  
Ion Ratio Lower Upper  
168 100  
99 56.7 46.9 70.3



#16  
Acetone  
Concen: 24.531 ug/l  
RT: 3.954 min Scan# 350  
Delta R.T. 0.018 min  
Lab File: VY010660.D  
Acq: 23 Sep 2022 19:40

Tgt Ion: 43 Resp: 1213  
Ion Ratio Lower Upper  
43 100  
58 18.3 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 40.058 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.001 min

Lab File: VY010660.D

Acq: 23 Sep 2022 19:40

Instrument :

MSVOA\_Y

ClientSampleId :

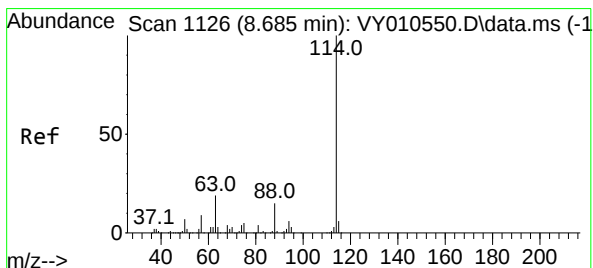
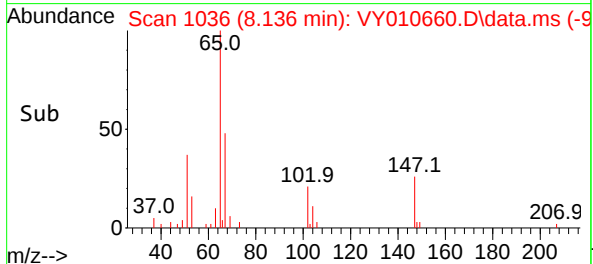
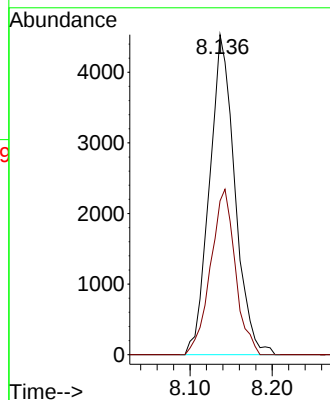
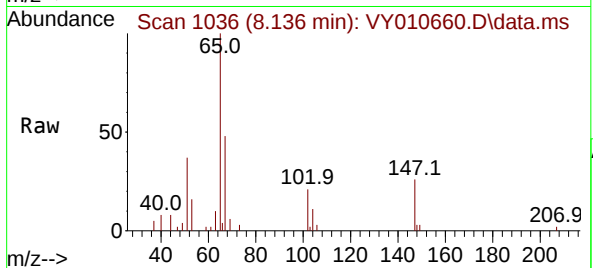
SP-2

Tgt Ion: 65 Resp: 9713

Ion Ratio Lower Upper

65 100

67 50.4 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: VY010660.D

Acq: 23 Sep 2022 19:40

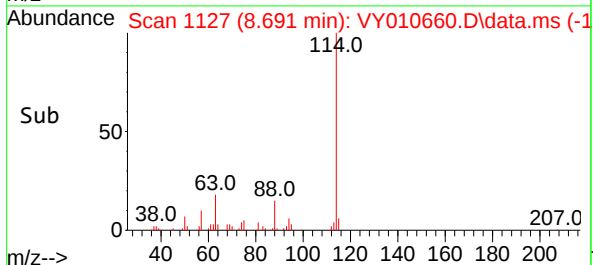
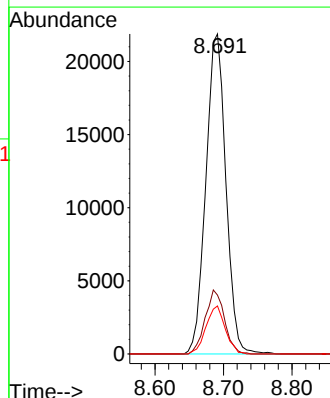
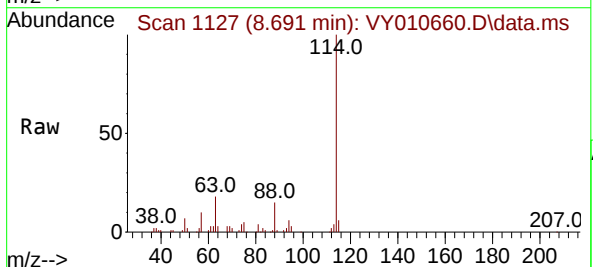
Tgt Ion: 114 Resp: 44499

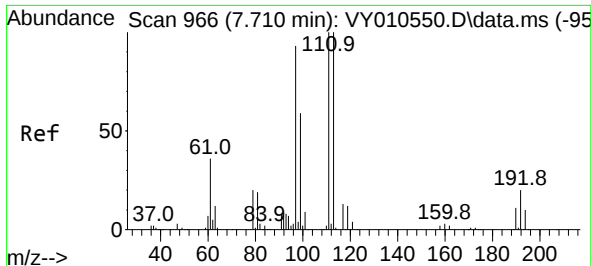
Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 15.0 0.0 31.8

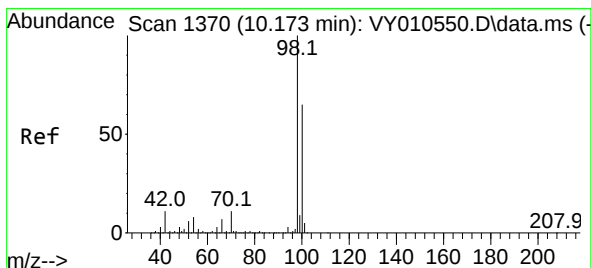
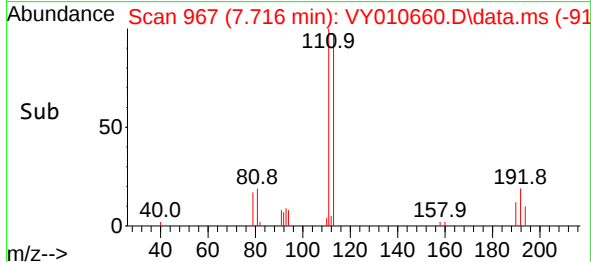
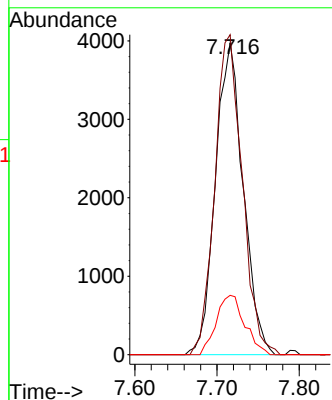
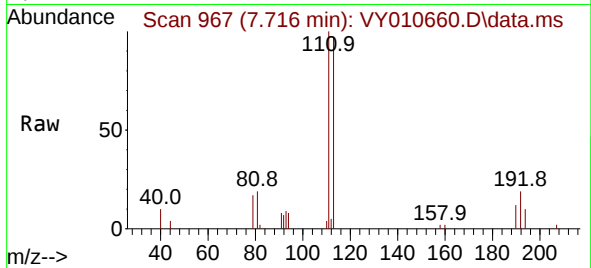




#35  
Dibromofluoromethane  
Concen: 32.909 ug/l  
RT: 7.716 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY010660.D  
Acq: 23 Sep 2022 19:40

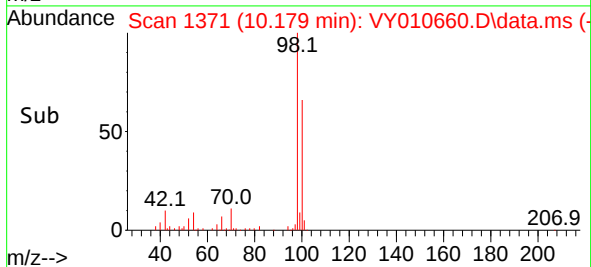
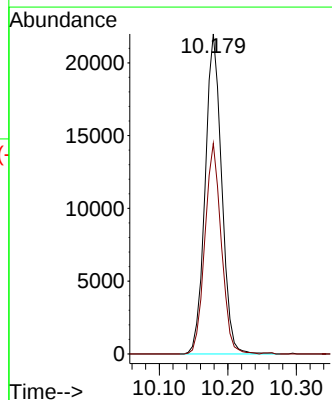
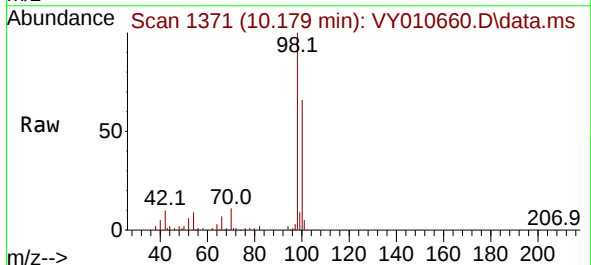
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SP-2

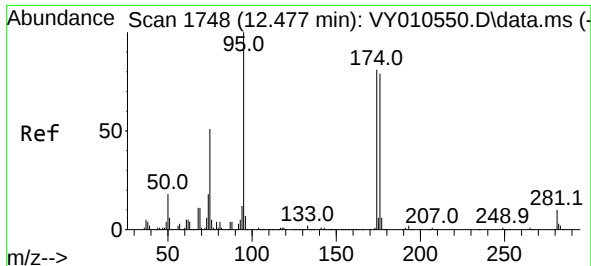
Tgt Ion:113 Resp: 9346  
Ion Ratio Lower Upper  
113 100  
111 101.1 82.6 124.0  
192 19.5 17.6 26.4



#50  
Toluene-d8  
Concen: 36.038 ug/l  
RT: 10.179 min Scan# 1371  
Delta R.T. 0.006 min  
Lab File: VY010660.D  
Acq: 23 Sep 2022 19:40

Tgt Ion: 98 Resp: 36849  
Ion Ratio Lower Upper  
98 100  
100 65.3 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 20.280 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY010660.D

Acq: 23 Sep 2022 19:40

Instrument :

MSVOA\_Y

ClientSampleId :

SP-2

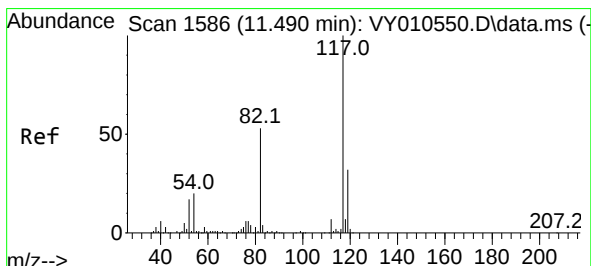
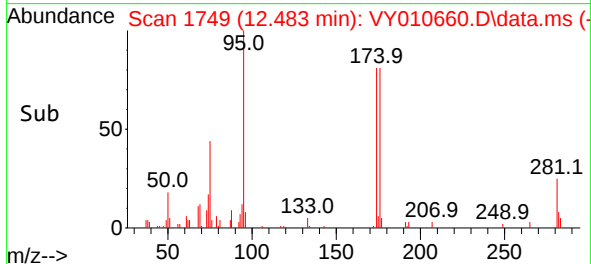
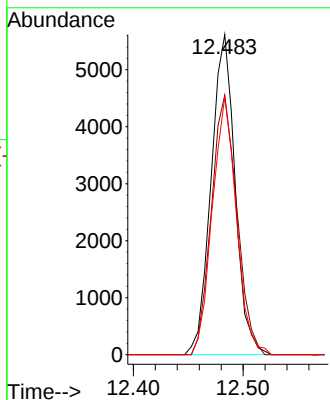
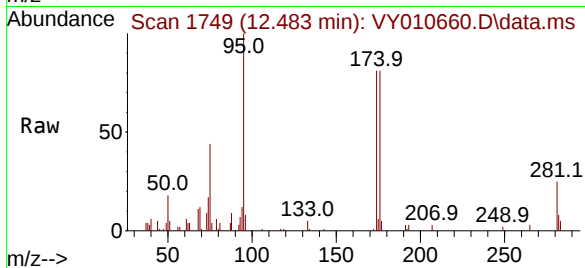
Tgt Ion: 95 Resp: 8525

Ion Ratio Lower Upper

95 100

174 86.5 0.0 177.0

176 81.0 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: VY010660.D

Acq: 23 Sep 2022 19:40

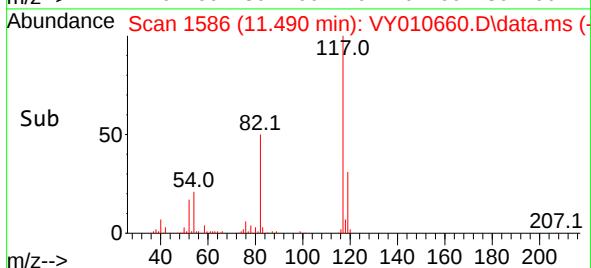
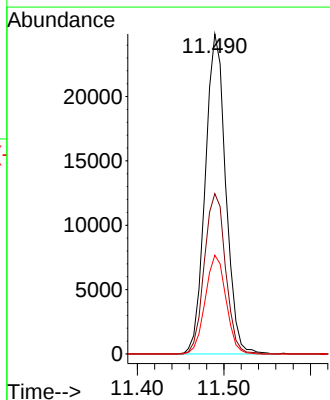
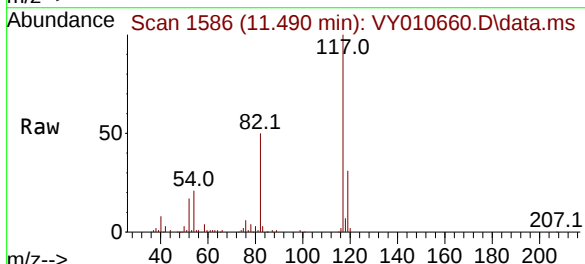
Tgt Ion: 117 Resp: 40823

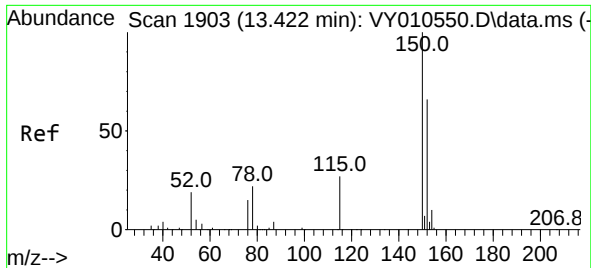
Ion Ratio Lower Upper

117 100

82 50.1 43.0 64.4

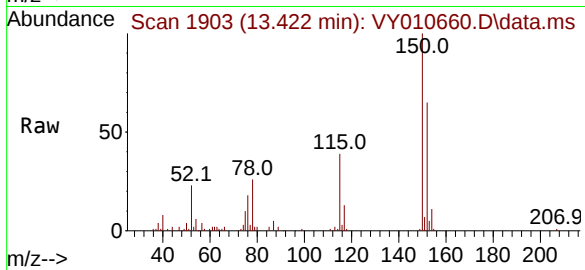
119 30.9 25.4 38.0





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.422 min Scan# 1903  
 Delta R.T. 0.000 min  
 Lab File: VY010660.D  
 Acq: 23 Sep 2022 19:40

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SP-2



Tgt Ion:152 Resp: 13870  
 Ion Ratio Lower Upper  
 152 100  
 115 56.7 28.2 84.7  
 150 157.1 0.0 347.6

