

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY062922\  
 Data File : VY009381.D  
 Acq On : 29 Jun 2022 18:28  
 Operator : KP/MD  
 Sample : N3488-01  
 Misc : 3.08g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SB-9-0-2-20220623

Quant Time: Jun 30 05:13:30 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y062822S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 29 17:35:34 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.783  | 168  | 153434   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.685  | 114  | 265745   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.489 | 117  | 258058   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.422 | 152  | 119776   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.136  | 65    | 67652    | 55.049   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 110.100% |
| 35) Dibromofluoromethane    | 7.710  | 113   | 61906    | 42.326   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 84.660%  |
| 50) Toluene-d8              | 10.173 | 98    | 248121   | 55.331   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 110.660% |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 86100    | 40.484   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 80.960%  |

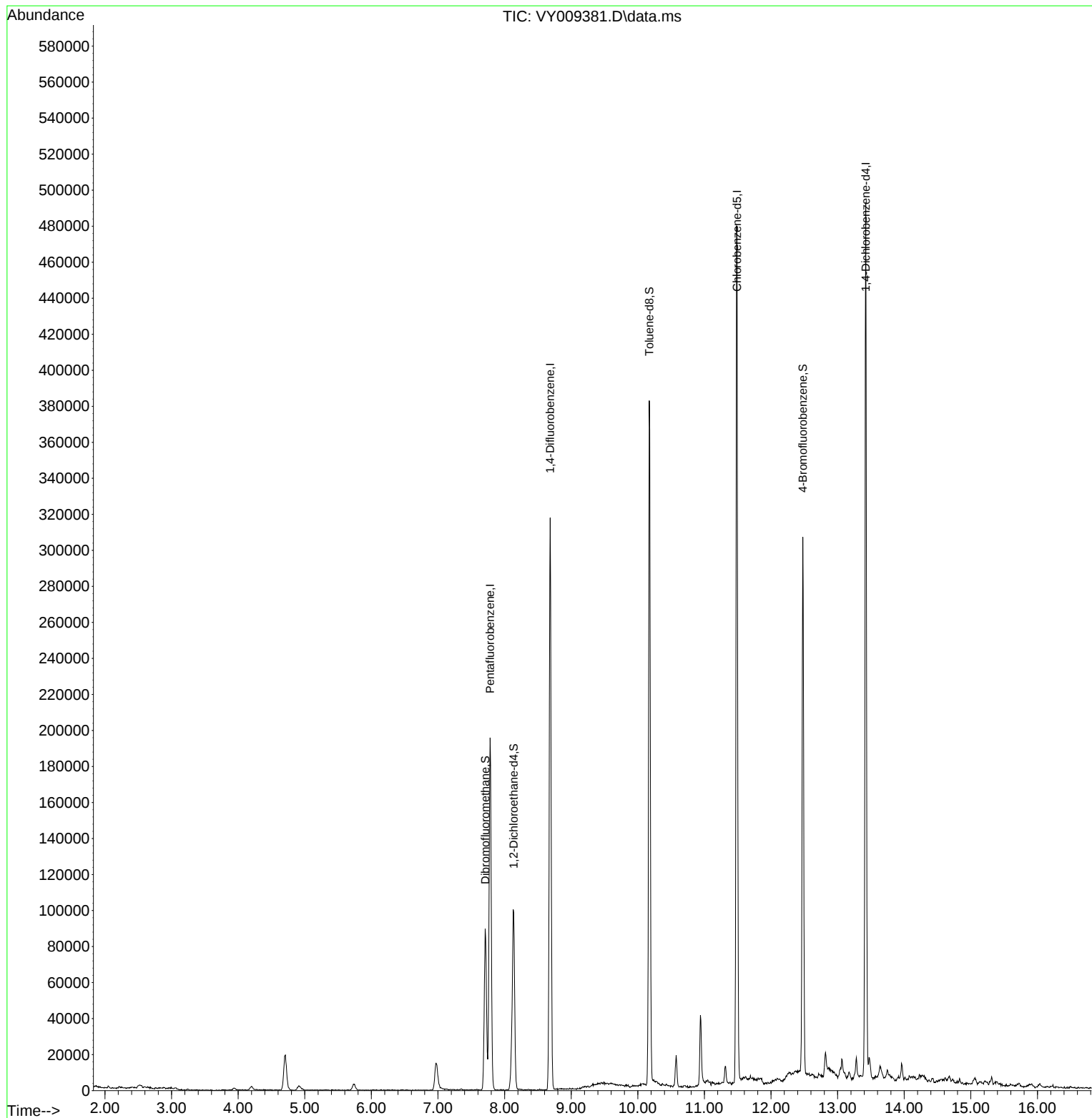
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

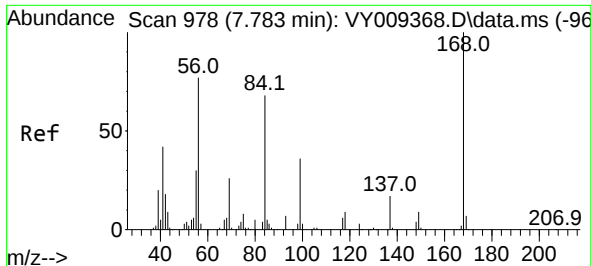
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 29 17:35:34 2022  
Response via : Initial Calibration

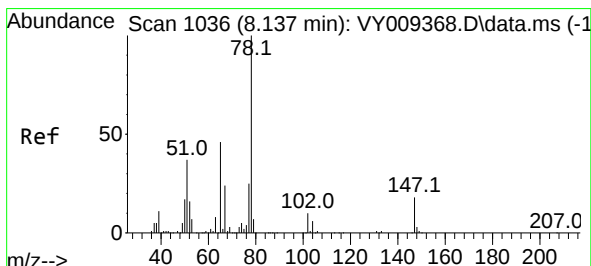
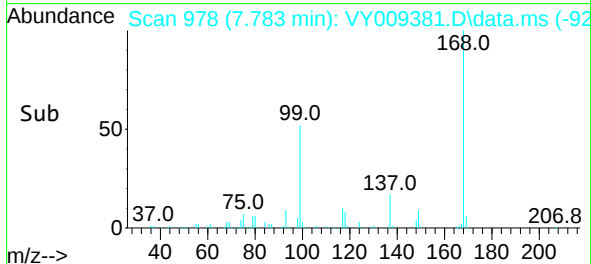
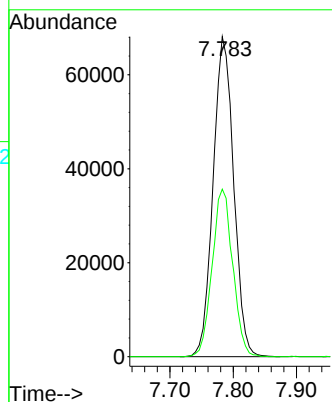
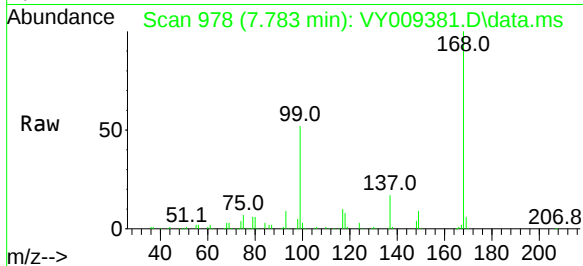




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY009381.D  
Acq: 29 Jun 2022 18:28

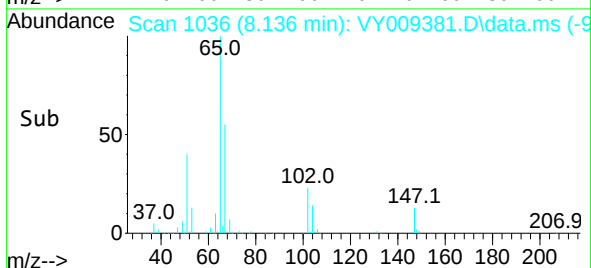
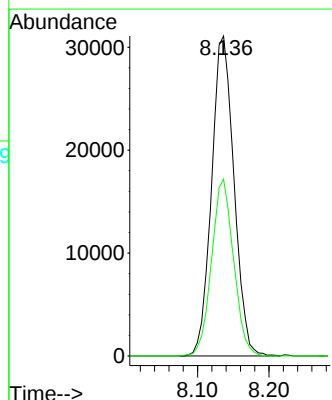
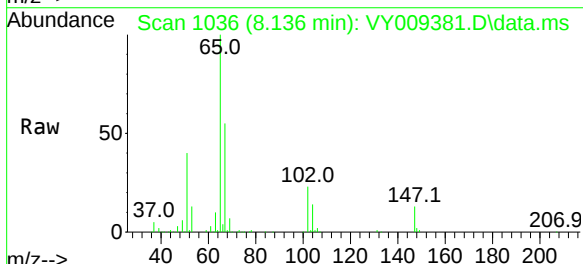
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-9-0-2-20220623

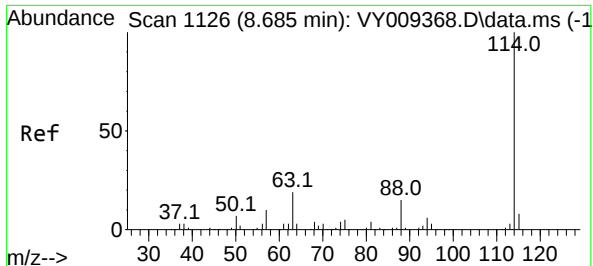
Tgt Ion:168 Resp: 153434  
Ion Ratio Lower Upper  
168 100  
99 52.4 46.9 70.3



#33  
1,2-Dichloroethane-d4  
Concen: 55.049 ug/l  
RT: 8.136 min Scan# 1036  
Delta R.T. 0.000 min  
Lab File: VY009381.D  
Acq: 29 Jun 2022 18:28

Tgt Ion: 65 Resp: 67652  
Ion Ratio Lower Upper  
65 100  
67 54.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009381.D

Acq: 29 Jun 2022 18:28

Instrument :

MSVOA\_Y

ClientSampleId :

SB-9-0-2-20220623

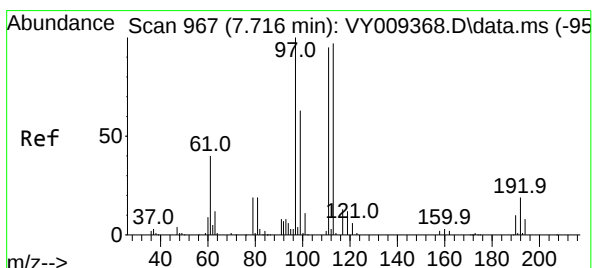
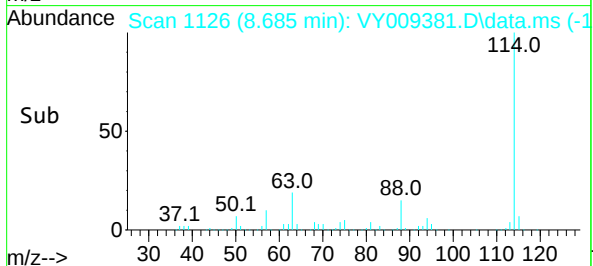
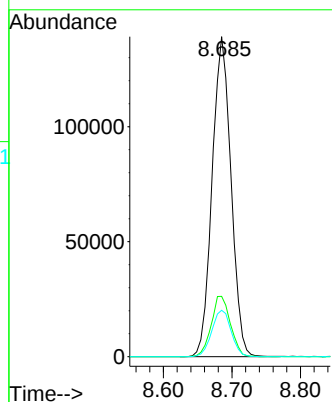
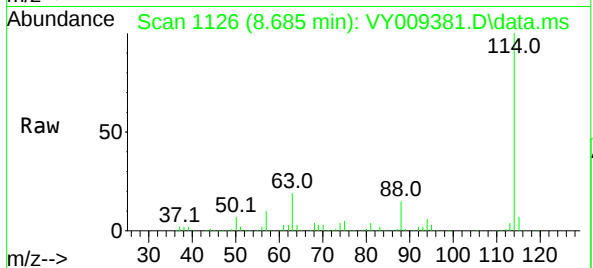
Tgt Ion:114 Resp: 265745

Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 14.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 42.326 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009381.D

Acq: 29 Jun 2022 18:28

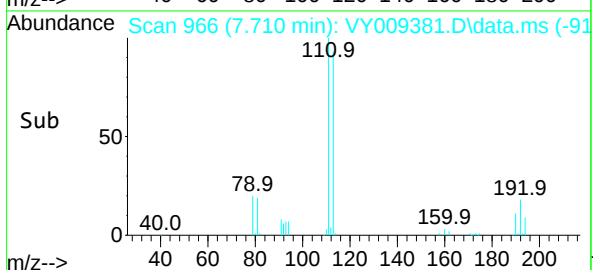
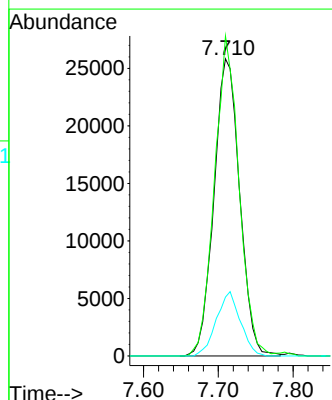
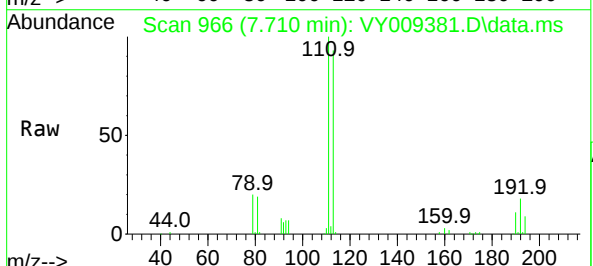
Tgt Ion:113 Resp: 61906

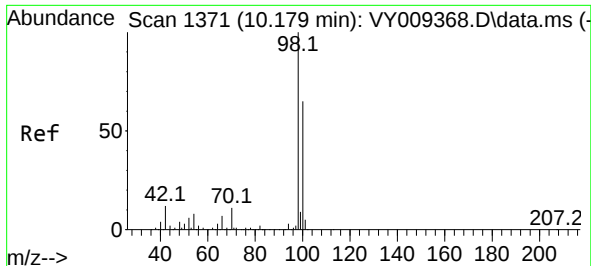
Ion Ratio Lower Upper

113 100

111 102.5 82.6 124.0

192 20.2 17.6 26.4

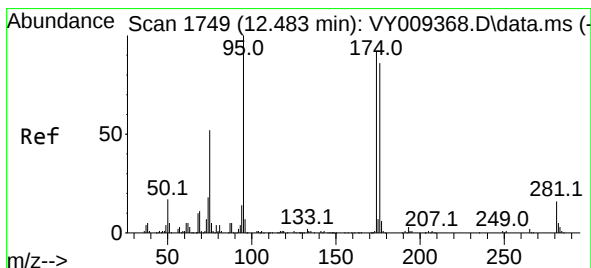
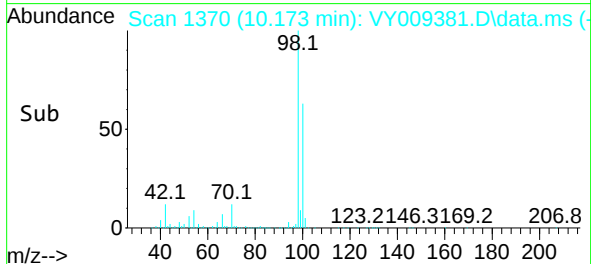
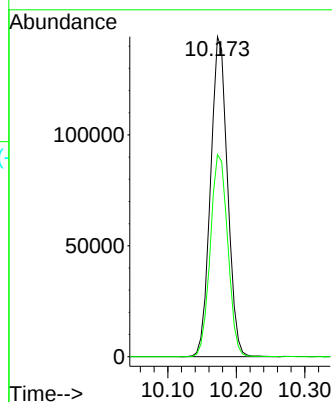
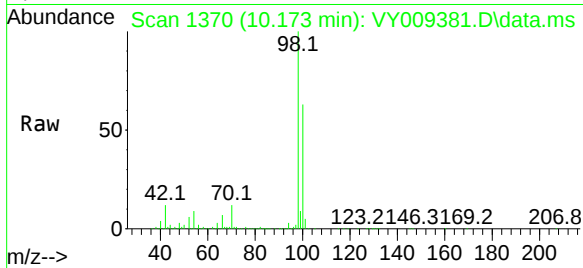




#50  
Toluene-d8  
Concen: 55.331 ug/l  
RT: 10.173 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY009381.D  
Acq: 29 Jun 2022 18:28

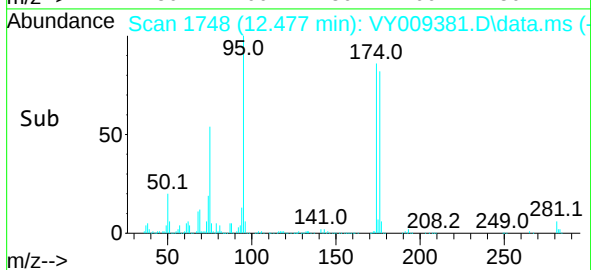
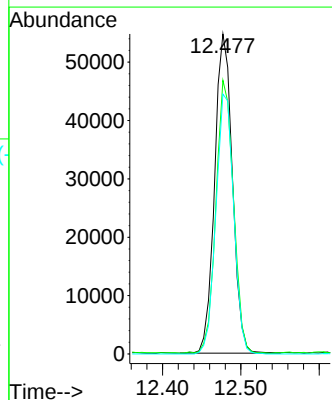
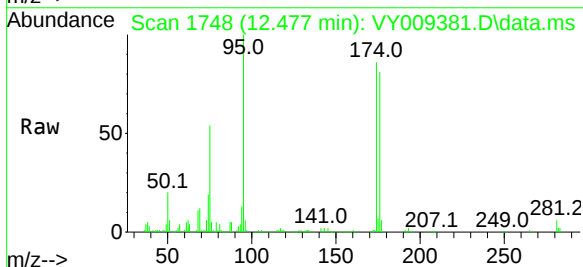
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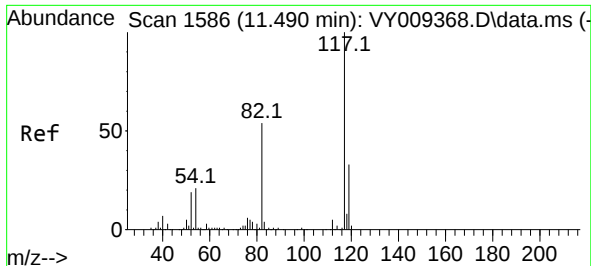
Tgt Ion: 98 Resp: 248121  
Ion Ratio Lower Upper  
98 100  
100 64.9 50.2 75.2



#62  
4-Bromofluorobenzene  
Concen: 40.484 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. -0.000 min  
Lab File: VY009381.D  
Acq: 29 Jun 2022 18:28

Tgt Ion: 95 Resp: 86100  
Ion Ratio Lower Upper  
95 100  
174 84.8 0.0 177.0  
176 81.4 0.0 175.8

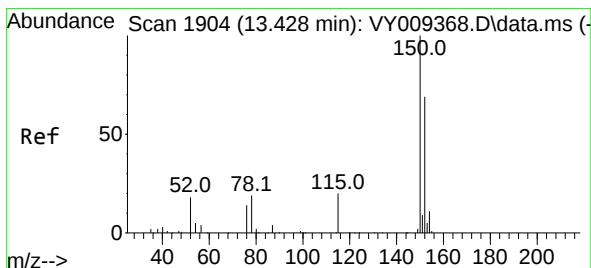
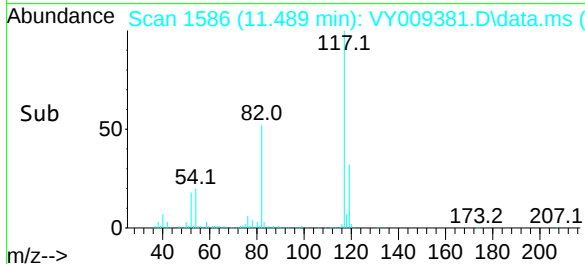
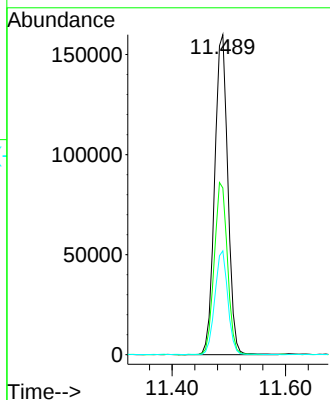
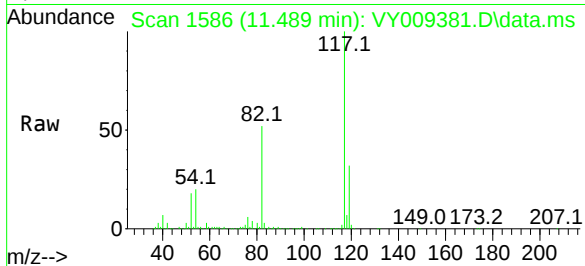




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VY009381.D  
Acq: 29 Jun 2022 18:28

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-9-0-2-20220623

Tgt Ion:117 Resp: 258058  
Ion Ratio Lower Upper  
117 100  
82 52.1 43.0 64.4  
119 32.4 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: VY009381.D  
Acq: 29 Jun 2022 18:28

Tgt Ion:152 Resp: 119776  
Ion Ratio Lower Upper  
152 100  
115 56.5 28.2 84.7  
150 156.7 0.0 347.6

