

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY061722\  
 Data File : VY009231.D  
 Acq On : 17 Jun 2022 16:51  
 Operator : KP/MD  
 Sample : N3373-13  
 Misc : 5.03g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 DS-7WC

Quant Time: Jun 17 22:55:19 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y061522S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 16 02:54:06 2022  
 Response via : Initial Calibration

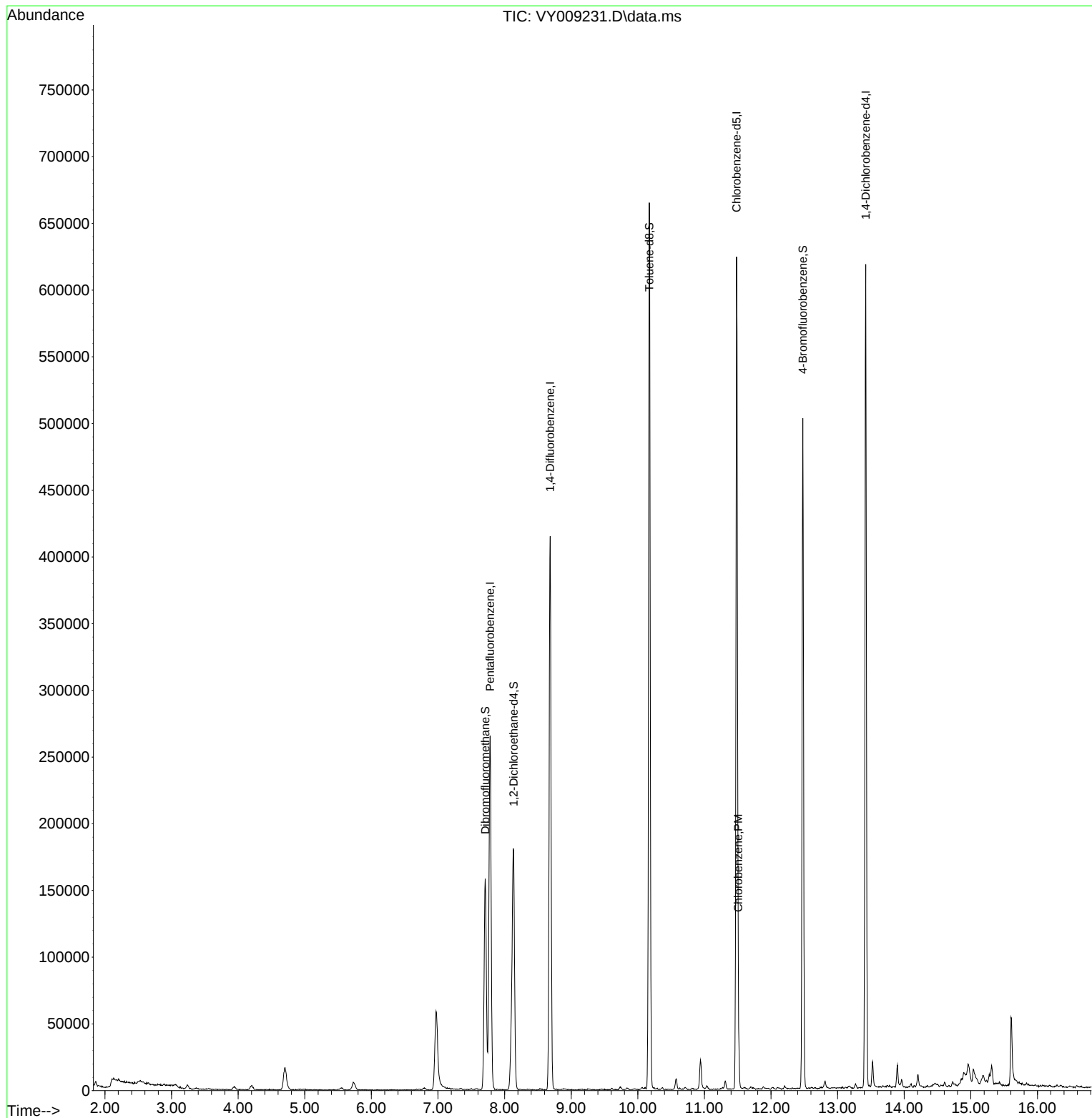
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 7.783  | 168   | 213615   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.685  | 114   | 361659   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.483 | 117   | 338037   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.422 | 152   | 152756   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.136  | 65    | 121118   | 54.278   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 108.560% |          |
| 35) Dibromofluoromethane    | 7.710  | 113   | 111939   | 49.367   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 98.740%  |          |
| 50) Toluene-d8              | 10.173 | 98    | 431984   | 50.048   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 100.100% |          |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 151439   | 49.373   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 98.740%  |          |
| Target Compounds            |        |       |          |          |            |          |
|                             |        |       |          |          | Qvalue     |          |
| 65) Chlorobenzene           | 11.508 | 112   | 15964    | 2.180    | ug/l       | 95       |
| -----                       |        |       |          |          |            |          |

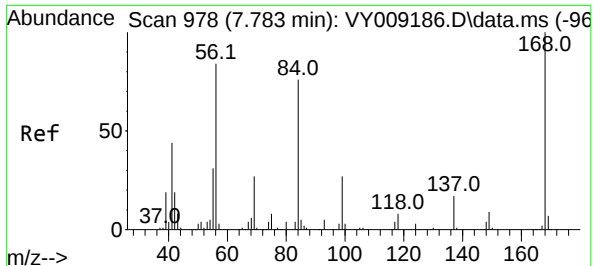
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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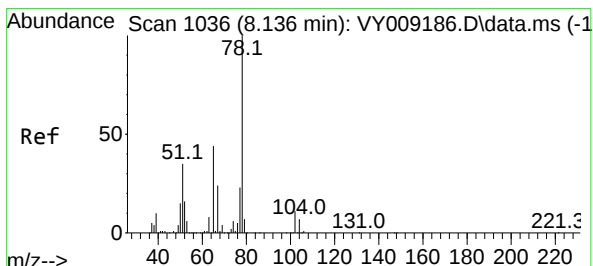
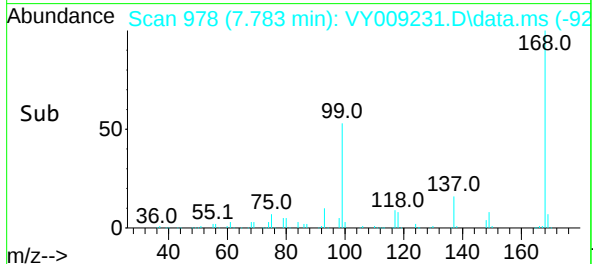
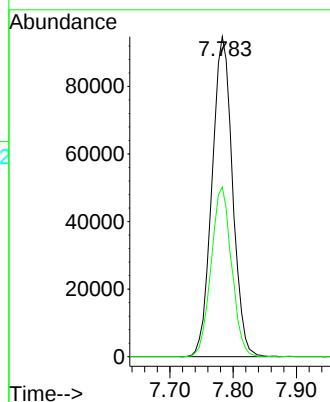
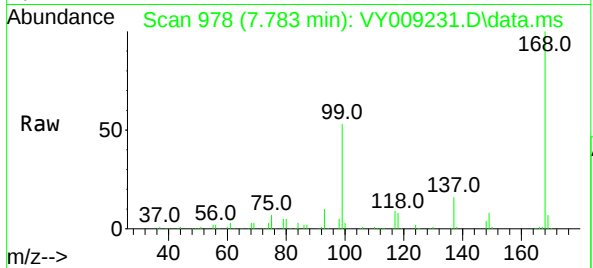




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY009231.D  
Acq: 17 Jun 2022 16:51

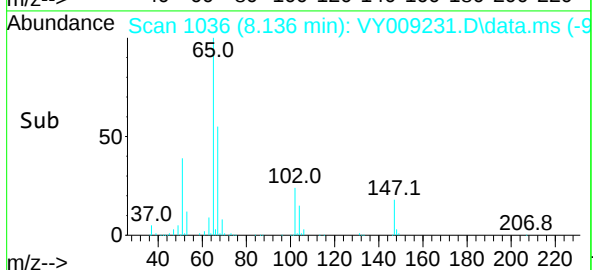
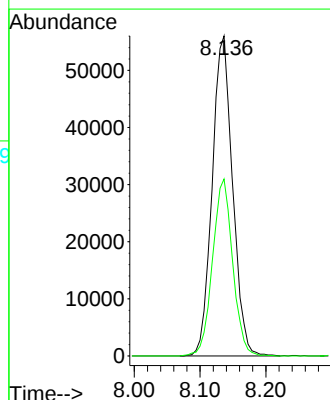
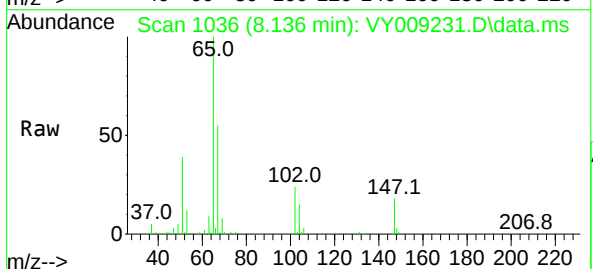
Instrument :  
MSVOA\_Y  
ClientSampleId :  
DS-7WC

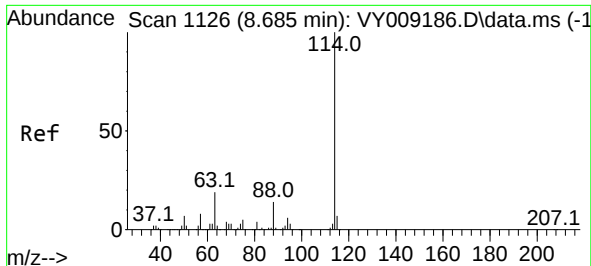
Tgt Ion:168 Resp: 213615  
Ion Ratio Lower Upper  
168 100  
99 53.0 46.9 70.3



#33  
1,2-Dichloroethane-d4  
Concen: 54.278 ug/l  
RT: 8.136 min Scan# 1036  
Delta R.T. -0.000 min  
Lab File: VY009231.D  
Acq: 17 Jun 2022 16:51

Tgt Ion: 65 Resp: 121118  
Ion Ratio Lower Upper  
65 100  
67 54.5 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: VY009231.D

Acq: 17 Jun 2022 16:51

Instrument :

MSVOA\_Y

ClientSampleId :

DS-7WC

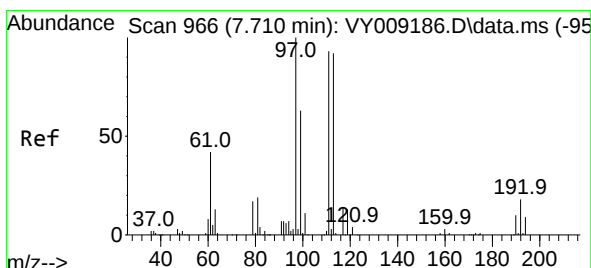
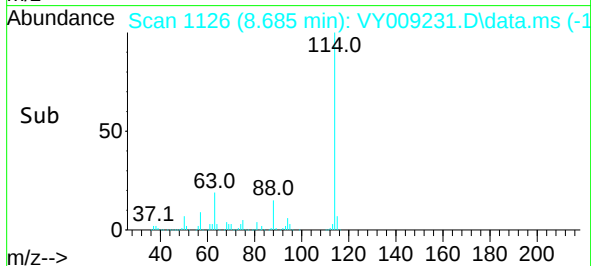
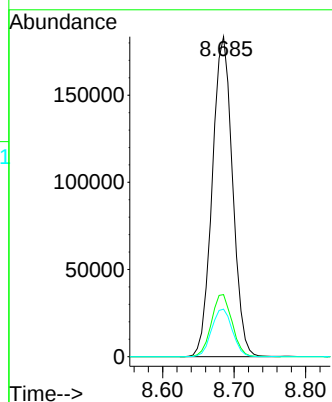
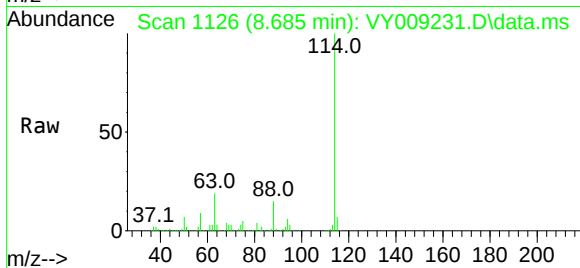
Tgt Ion:114 Resp: 361659

Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.2

88 14.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.367 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009231.D

Acq: 17 Jun 2022 16:51

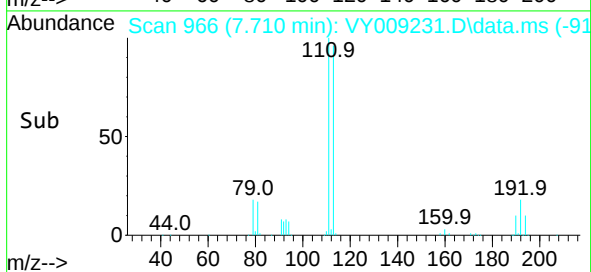
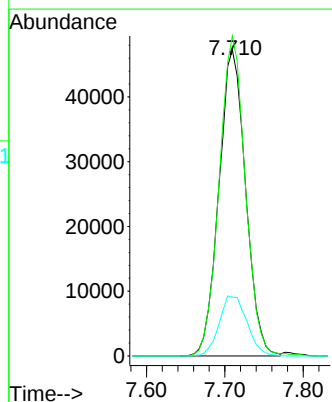
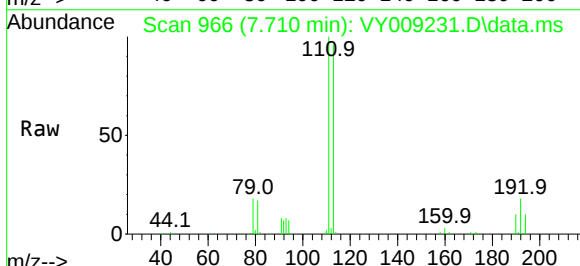
Tgt Ion:113 Resp: 111939

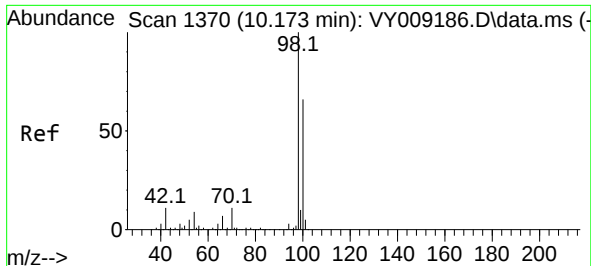
Ion Ratio Lower Upper

113 100

111 102.5 82.6 124.0

192 20.4 17.6 26.4

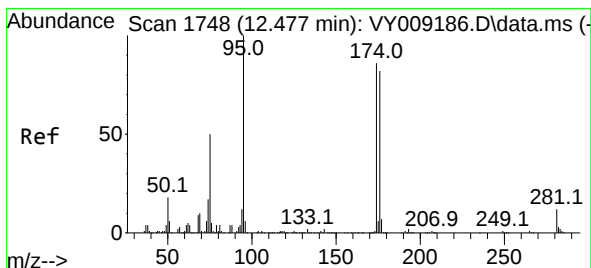
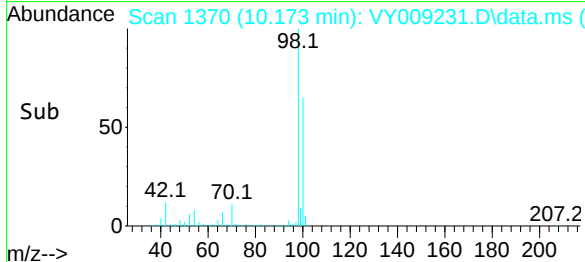
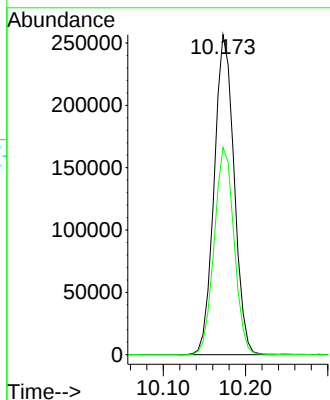
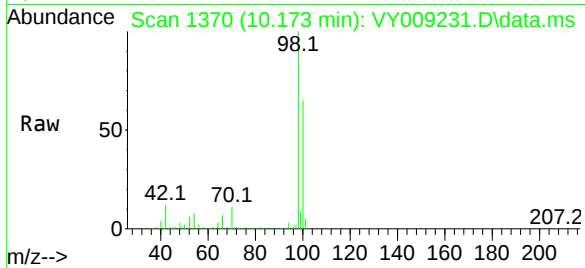




#50  
Toluene-d8  
Concen: 50.048 ug/l  
RT: 10.173 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY009231.D  
Acq: 17 Jun 2022 16:51

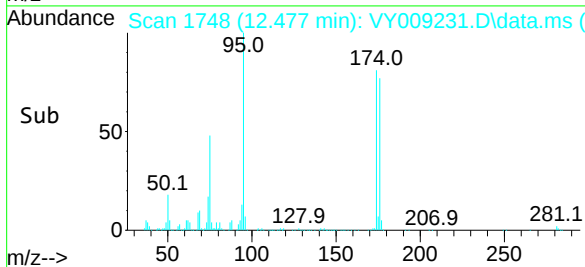
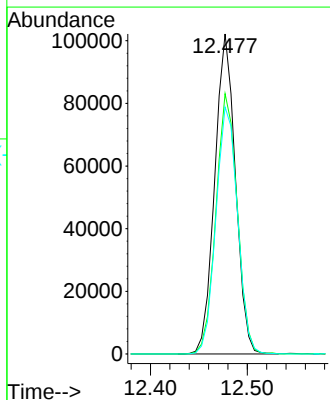
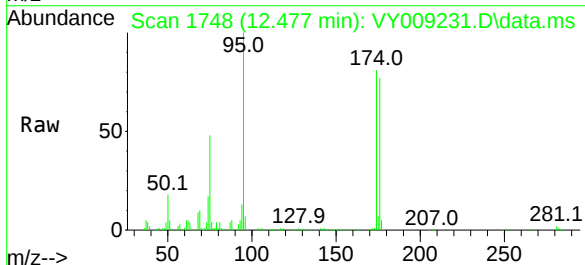
Instrument :  
MSVOA\_Y  
ClientSampleId :  
DS-7WC

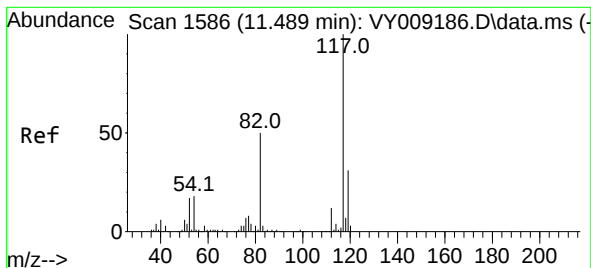
Tgt Ion: 98 Resp: 431984  
Ion Ratio Lower Upper  
98 100  
100 64.8 50.2 75.2



#62  
4-Bromofluorobenzene  
Concen: 49.373 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. -0.000 min  
Lab File: VY009231.D  
Acq: 17 Jun 2022 16:51

Tgt Ion: 95 Resp: 151439  
Ion Ratio Lower Upper  
95 100  
174 83.8 0.0 177.0  
176 80.6 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY009231.D

Acq: 17 Jun 2022 16:51

Instrument :

MSVOA\_Y

ClientSampleId :

DS-7WC

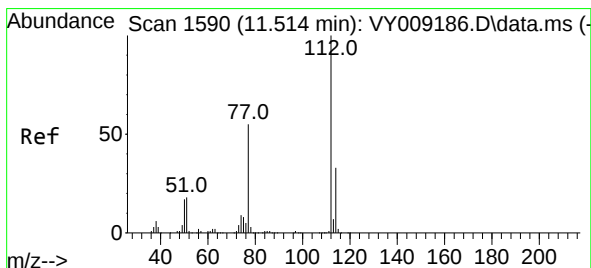
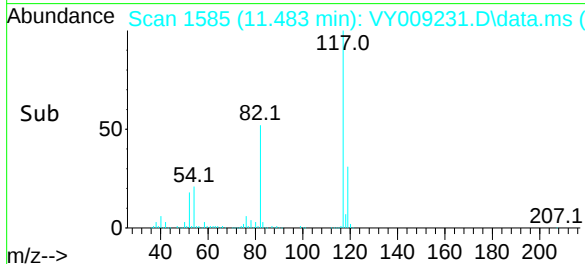
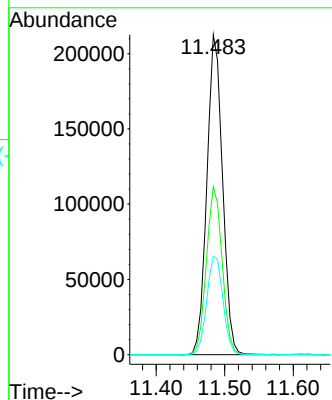
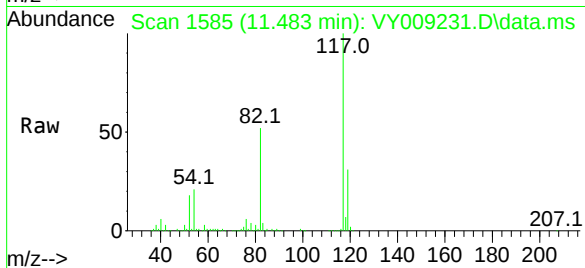
Tgt Ion:117 Resp: 338037

Ion Ratio Lower Upper

117 100

82 52.5 43.0 64.4

119 30.8 25.4 38.0



#65

Chlorobenzene

Concen: 2.180 ug/l

RT: 11.508 min Scan# 1589

Delta R.T. -0.006 min

Lab File: VY009231.D

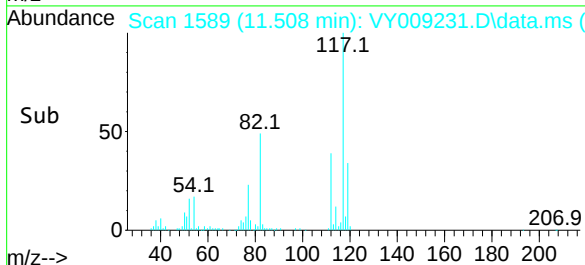
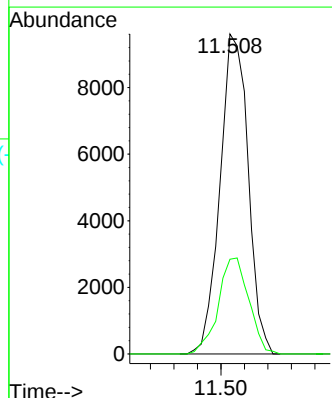
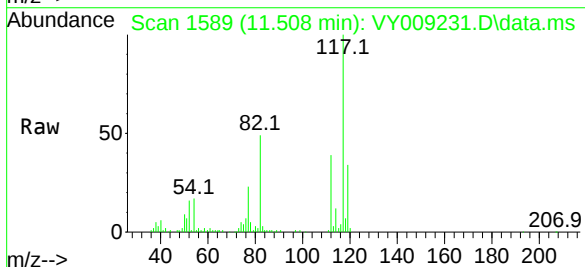
Acq: 17 Jun 2022 16:51

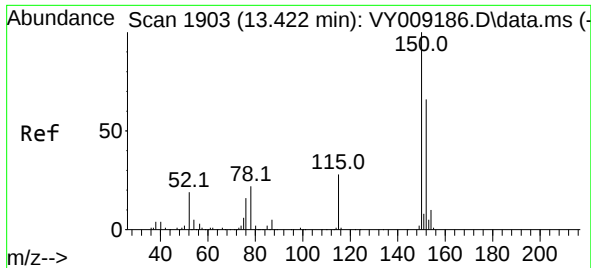
Tgt Ion:112 Resp: 15964

Ion Ratio Lower Upper

112 100

114 29.6 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY009231.D

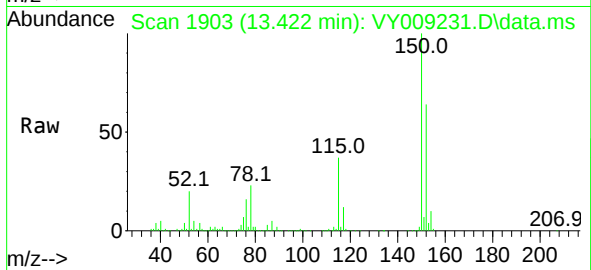
Acq: 17 Jun 2022 16:51

Instrument :

MSVOA\_Y

ClientSampleId :

DS-7WC



Tgt Ion:152 Resp: 152756

Ion Ratio Lower Upper

152 100

115 58.8 28.2 84.7

150 158.9 0.0 347.6

