

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY030322\  
 Data File : VY007713.D  
 Acq On : 03 Mar 2022 18:39  
 Operator : SY/MD  
 Sample : N1759-04  
 Misc : 6.63g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 DISP-4

Quant Time: Mar 04 00:43:17 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y022822S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 01 09:08:03 2022  
 Response via : Initial Calibration

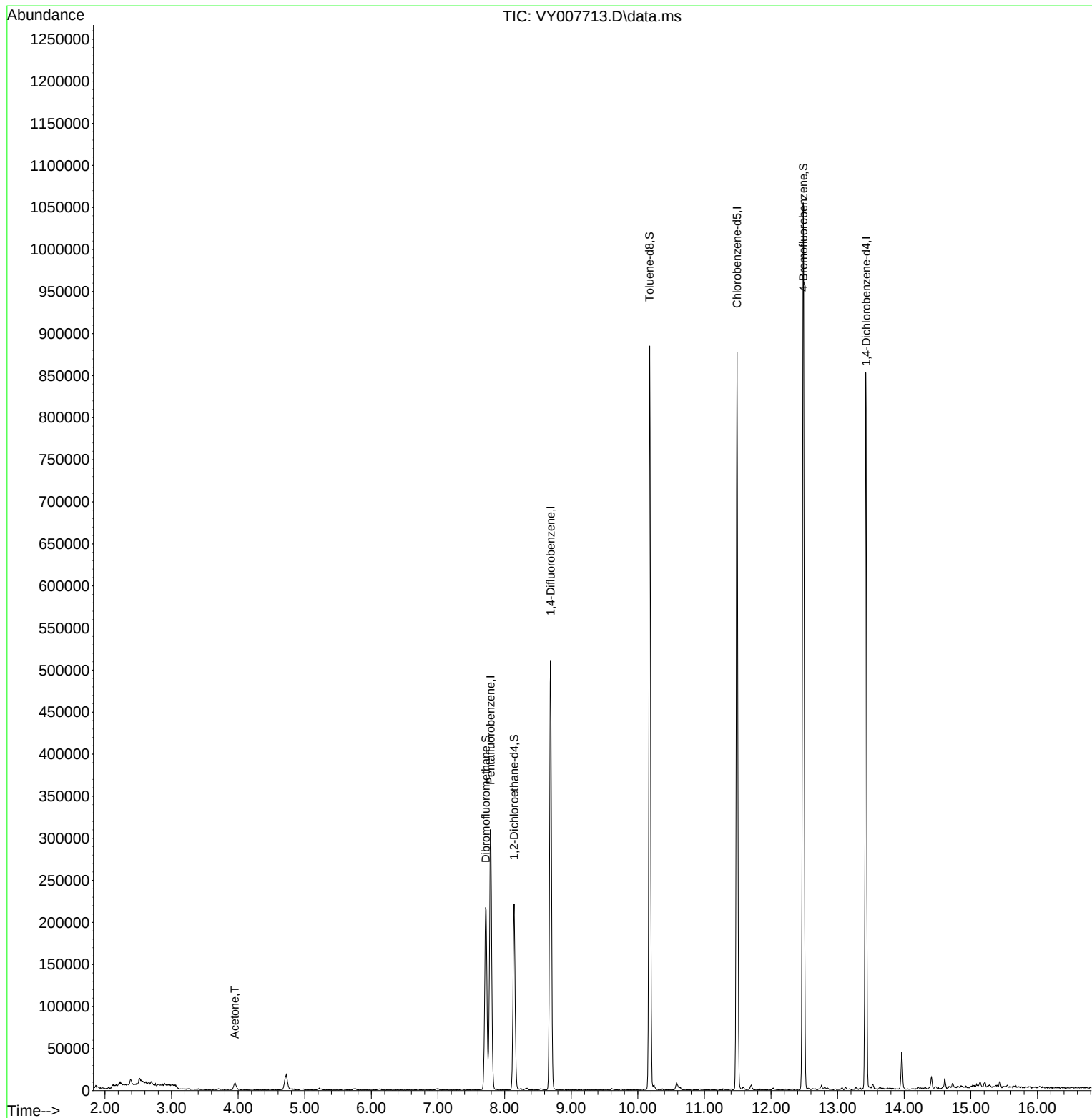
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|------------|-----------|
| -----                       |        |       |          |          |            |           |
| Internal Standards          |        |       |          |          |            |           |
| 1) Pentafluorobenzene       | 7.789  | 168   | 239821   | 50.000   | ug/l       | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.691  | 114   | 447590   | 50.000   | ug/l       | 0.00      |
| 63) Chlorobenzene-d5        | 11.490 | 117   | 454521   | 50.000   | ug/l       | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.428 | 152   | 208823   | 50.000   | ug/l       | 0.00      |
| System Monitoring Compounds |        |       |          |          |            |           |
| 33) 1,2-Dichloroethane-d4   | 8.143  | 65    | 164472   | 65.508   | ug/l       | 0.00      |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 131.020% |           |
| 35) Dibromofluoromethane    | 7.716  | 113   | 152221   | 53.195   | ug/l       | 0.00      |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 106.380% |           |
| 50) Toluene-d8              | 10.179 | 98    | 564482   | 53.588   | ug/l       | 0.00      |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 107.180% |           |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 188958   | 55.650   | ug/l       | 0.00      |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 111.300% |           |
| Target Compounds            |        |       |          |          |            |           |
| 16) Acetone                 | 3.948  | 43    | 14006    | 27.423   | ug/l       | Qvalue 97 |
| -----                       |        |       |          |          |            |           |

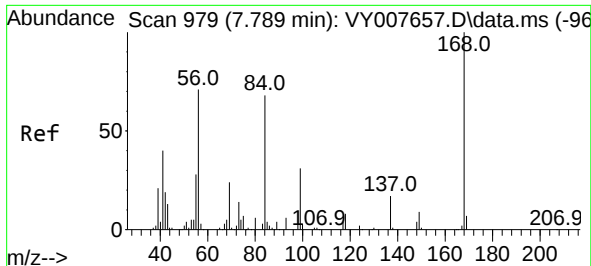
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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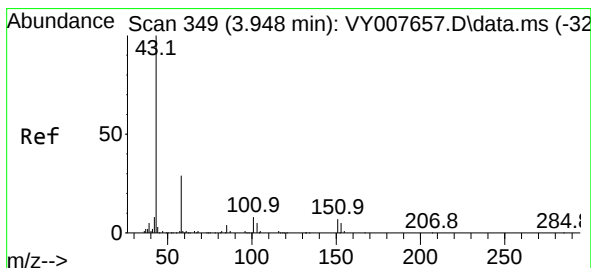
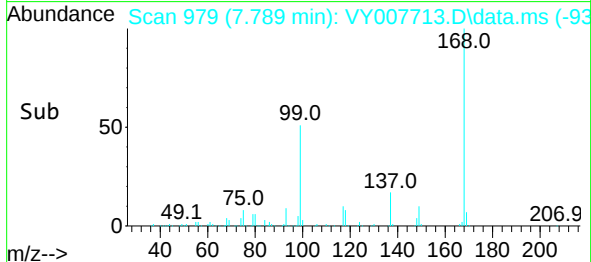
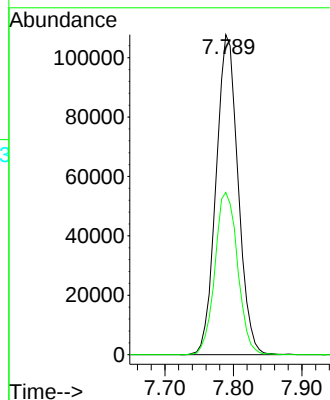
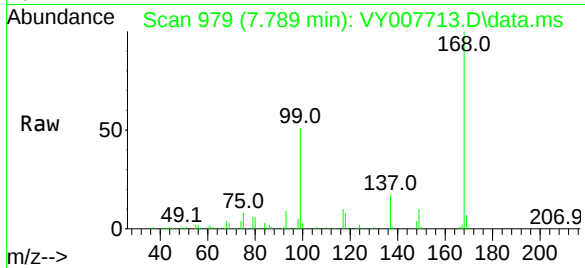




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY007713.D  
Acq: 03 Mar 2022 18:39

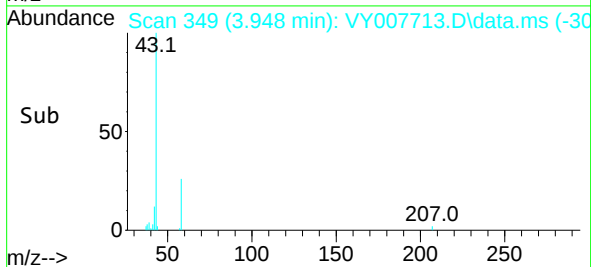
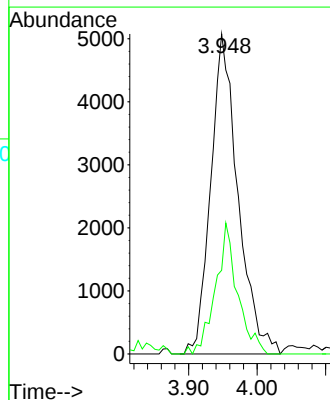
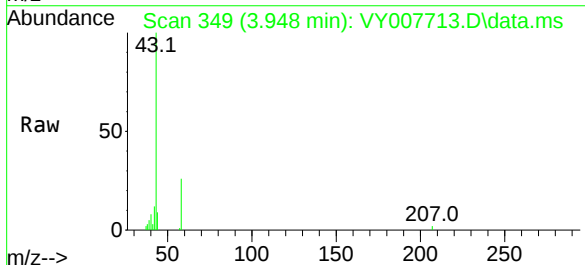
Instrument :  
MSVOA\_Y  
ClientSampleId :  
DISP-4

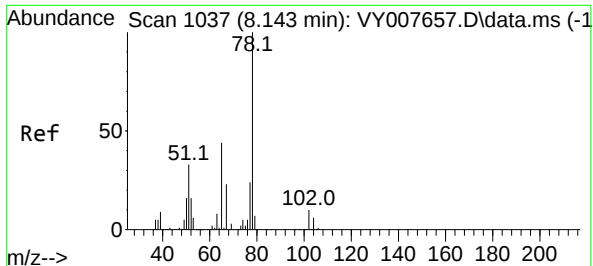
Tgt Ion:168 Resp: 239821  
Ion Ratio Lower Upper  
168 100  
99 50.7 46.9 70.3



#16  
Acetone  
Concen: 27.423 ug/l  
RT: 3.948 min Scan# 349  
Delta R.T. 0.000 min  
Lab File: VY007713.D  
Acq: 03 Mar 2022 18:39

Tgt Ion: 43 Resp: 14006  
Ion Ratio Lower Upper  
43 100  
58 26.1 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 65.508 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY007713.D

Acq: 03 Mar 2022 18:39

Instrument :

MSVOA\_Y

ClientSampleId :

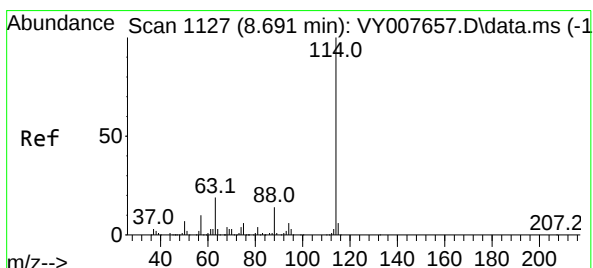
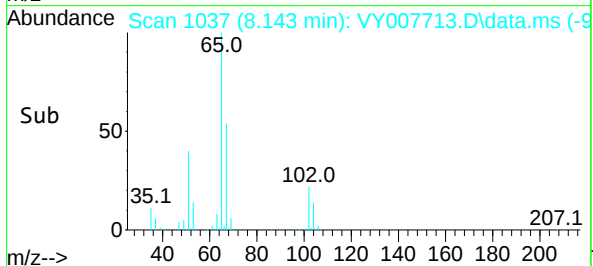
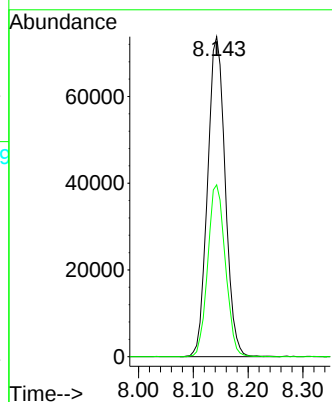
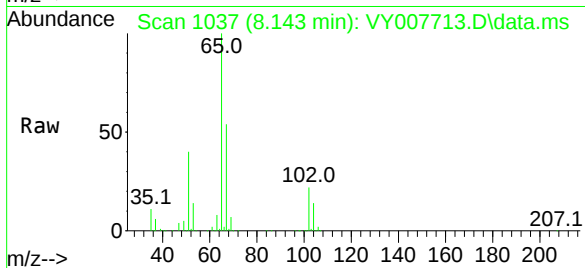
DISP-4

Tgt Ion: 65 Resp: 164472

Ion Ratio Lower Upper

65 100

67 53.7 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: VY007713.D

Acq: 03 Mar 2022 18:39

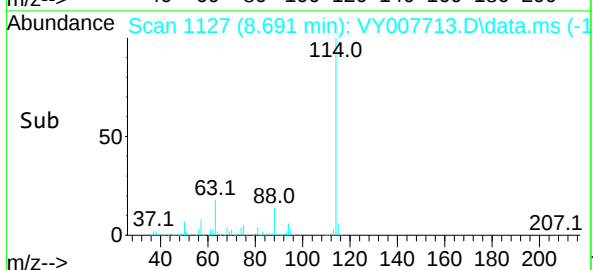
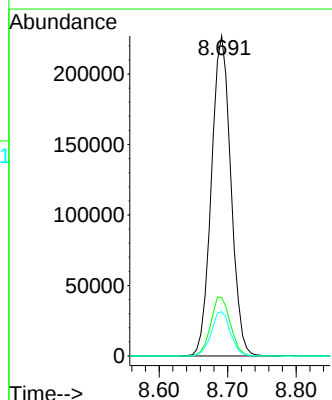
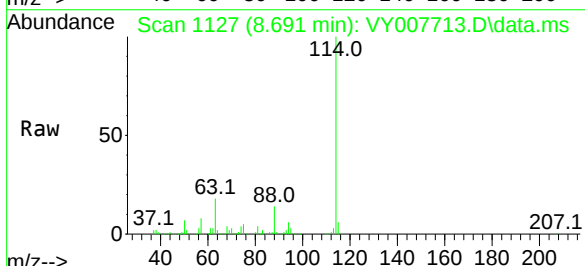
Tgt Ion: 114 Resp: 447590

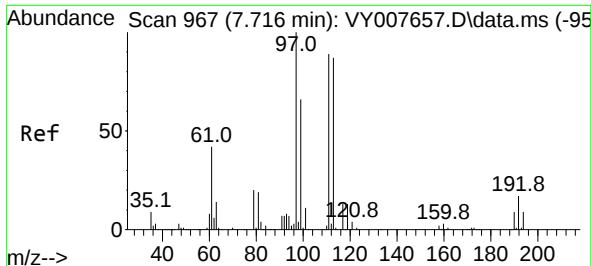
Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

88 13.8 0.0 31.8

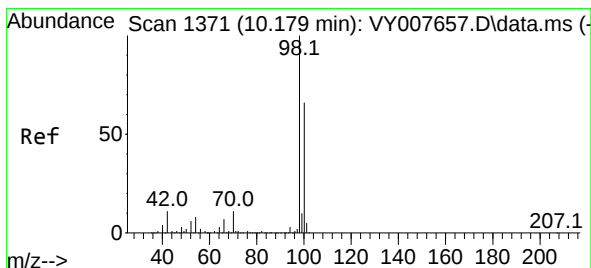
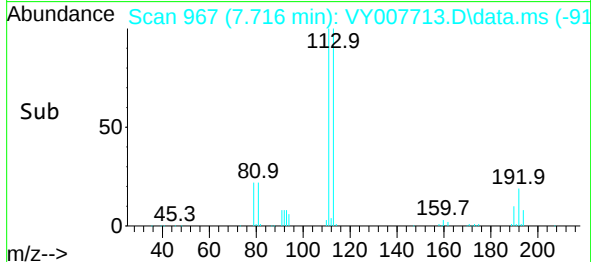
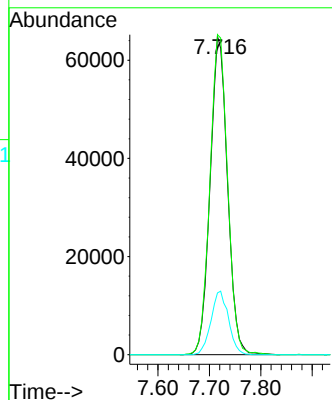
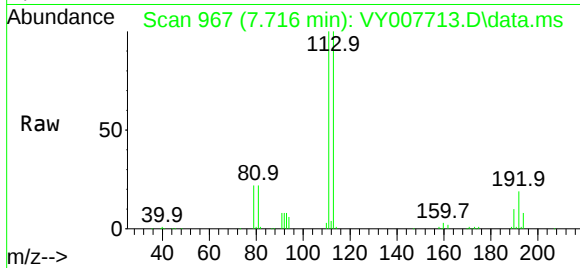




#35  
Dibromofluoromethane  
Concen: 53.195 ug/l  
RT: 7.716 min Scan# 90  
Delta R.T. -0.000 min  
Lab File: VY007713.D  
Acq: 03 Mar 2022 18:39

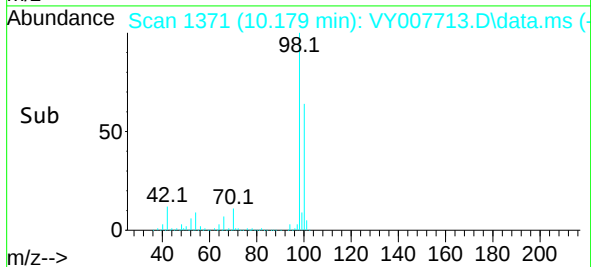
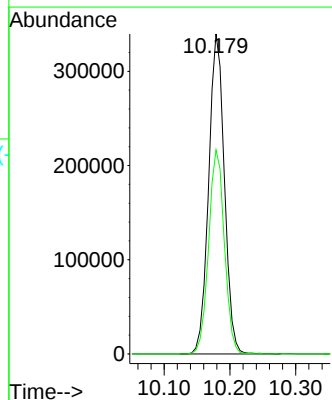
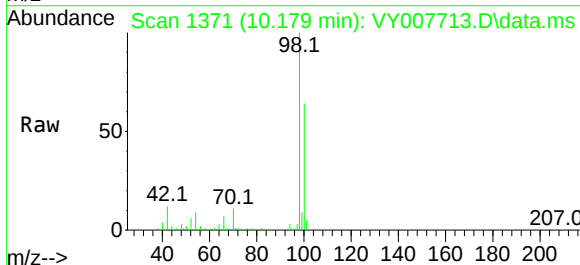
Instrument :  
MSVOA\_Y  
ClientSampleId :  
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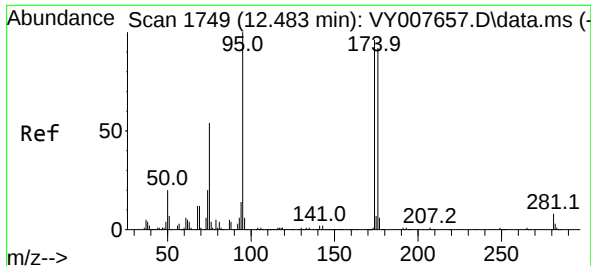
Tgt Ion:113 Resp: 152221  
Ion Ratio Lower Upper  
113 100  
111 102.1 82.6 124.0  
192 20.1 17.6 26.4



#50  
Toluene-d8  
Concen: 53.588 ug/l  
RT: 10.179 min Scan# 1371  
Delta R.T. -0.000 min  
Lab File: VY007713.D  
Acq: 03 Mar 2022 18:39

Tgt Ion: 98 Resp: 564482  
Ion Ratio Lower Upper  
98 100  
100 63.7 50.2 75.2

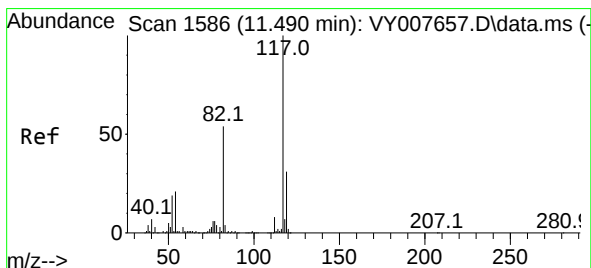
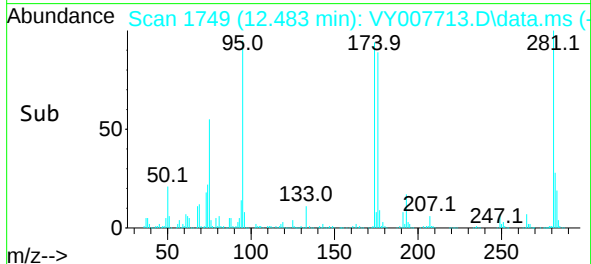
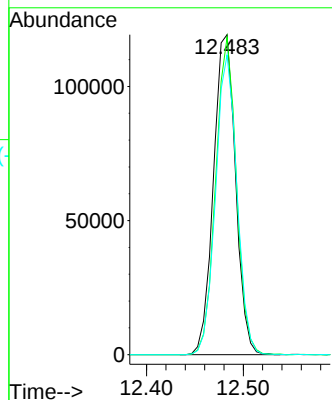
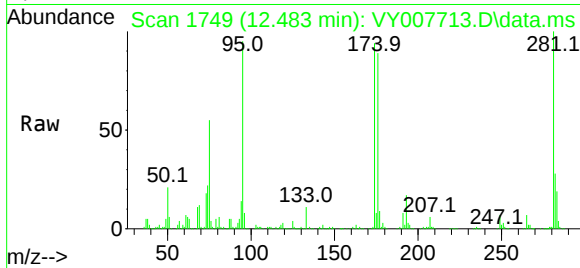




#62  
4-Bromofluorobenzene  
Concen: 55.650 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY007713.D  
Acq: 03 Mar 2022 18:39

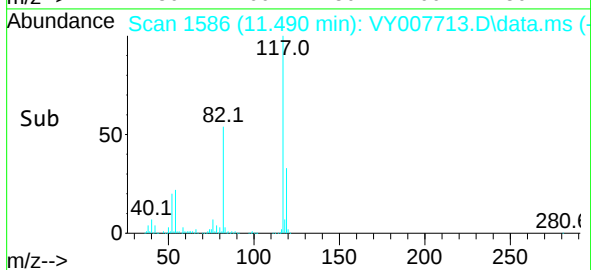
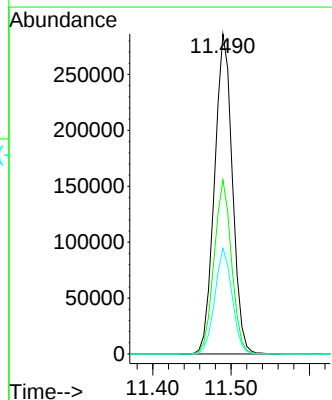
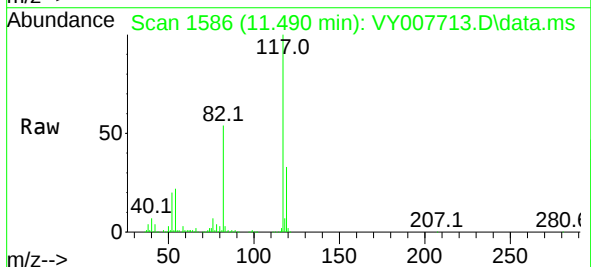
Instrument :  
MSVOA\_Y  
ClientSampleId :  
DISP-4

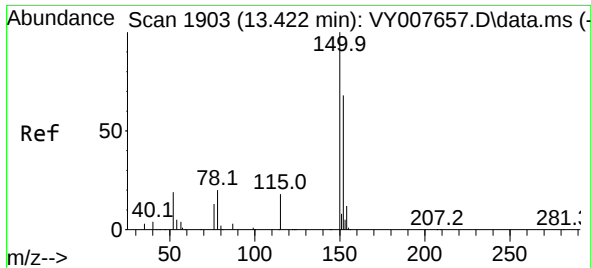
Tgt Ion: 95 Resp: 188958  
Ion Ratio Lower Upper  
95 100  
174 93.3 0.0 177.0  
176 90.6 0.0 175.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.490 min Scan# 1586  
Delta R.T. -0.001 min  
Lab File: VY007713.D  
Acq: 03 Mar 2022 18:39

Tgt Ion: 117 Resp: 454521  
Ion Ratio Lower Upper  
117 100  
82 54.4 43.0 64.4  
119 33.1 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY007713.D

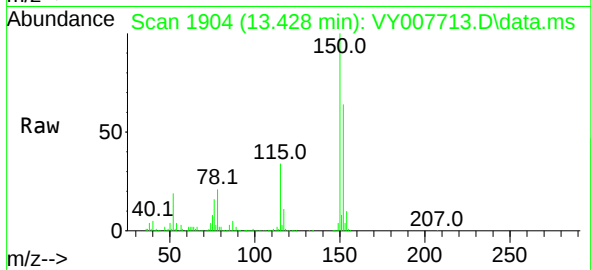
Acq: 03 Mar 2022 18:39

Instrument :

MSVOA\_Y

ClientSampleId :

DISP-4



Tgt Ion:152 Resp: 208823

Ion Ratio Lower Upper

152 100

115 56.0 28.2 84.7

150 158.6 0.0 347.6

