

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY010622\  
 Data File : VY007039.D  
 Acq On : 06 Jan 2022 17:52  
 Operator : SY/MD  
 Sample : N1049-03  
 Misc : 5.01g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 7211979

Quant Time: Jan 07 11:48:48 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y010522S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 06 04:51:57 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.795  | 168  | 130803   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.691  | 114  | 244824   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.496 | 117  | 233200   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 110565   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.149  | 65    | 88242    | 57.151   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 114.300% |
| 35) Dibromofluoromethane    | 7.722  | 113   | 82535    | 51.285   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 102.580% |
| 50) Toluene-d8              | 10.185 | 98    | 300729   | 50.294   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 100.580% |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 116372   | 51.677   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 103.360% |

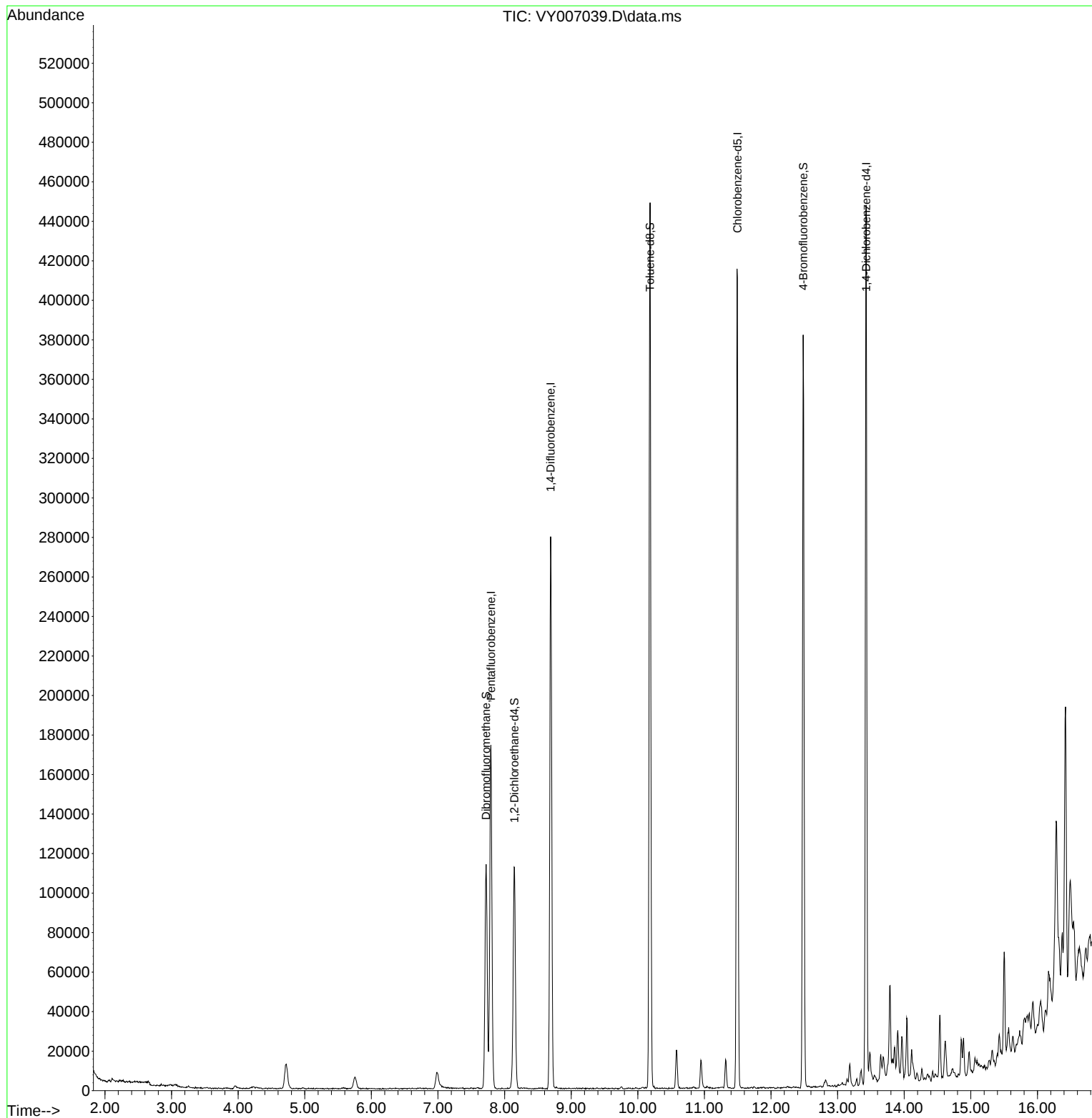
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

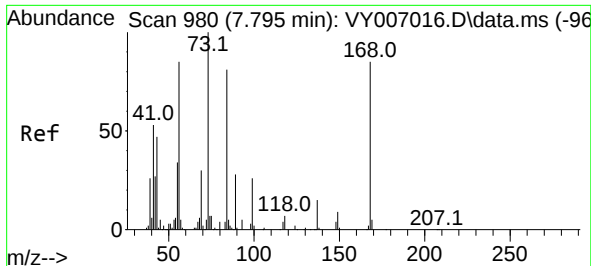
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY010622\  
Data File : VY007039.D  
Acq On : 06 Jan 2022 17:52  
Operator : SY/MD  
Sample : N1049-03  
Misc : 5.01g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
7211979

Quant Time: Jan 07 11:48:48 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y010522S.M  
Quant Title : SW846 8260  
QLast Update : Thu Jan 06 04:51:57 2022  
Response via : Initial Calibration

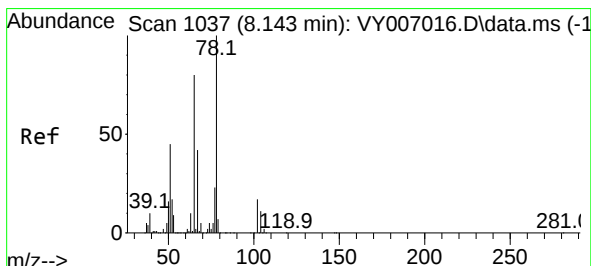
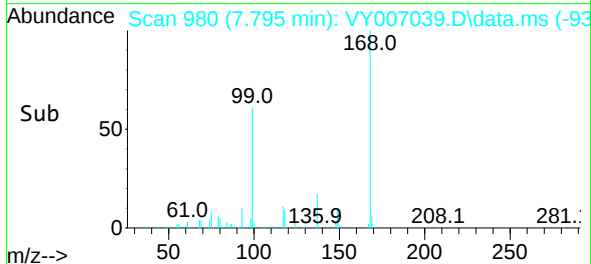
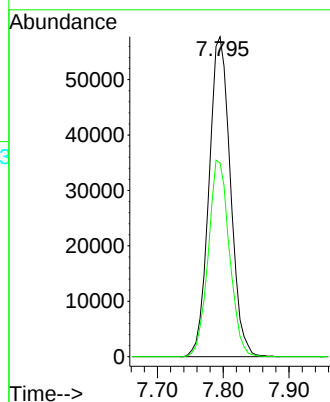
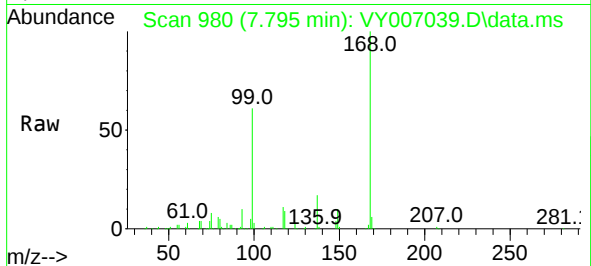




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY007039.D  
Acq: 06 Jan 2022 17:52

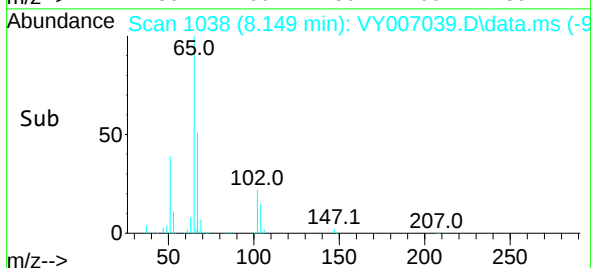
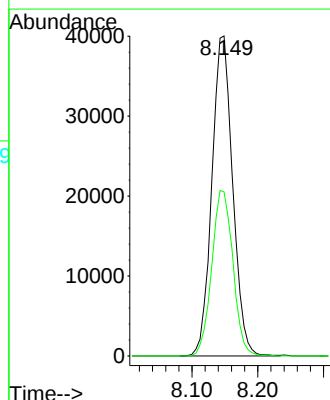
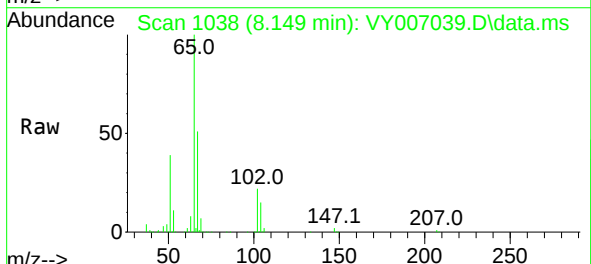
Instrument :  
MSVOA\_Y  
ClientSampleId :  
7211979

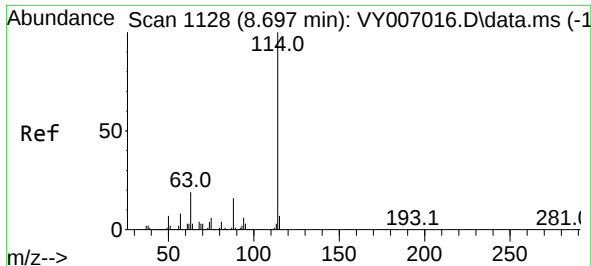
Tgt Ion:168 Resp: 130803  
Ion Ratio Lower Upper  
168 100  
99 60.5 48.9 73.3



#33  
1,2-Dichloroethane-d4  
Concen: 57.151 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. 0.006 min  
Lab File: VY007039.D  
Acq: 06 Jan 2022 17:52

Tgt Ion: 65 Resp: 88242  
Ion Ratio Lower Upper  
65 100  
67 52.6 0.0 105.8

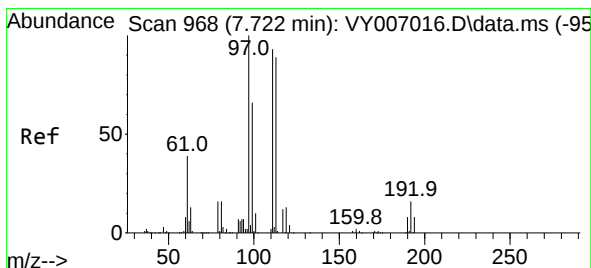
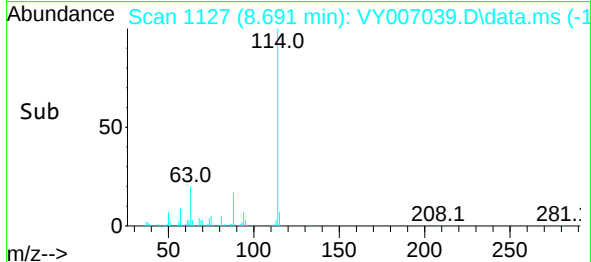
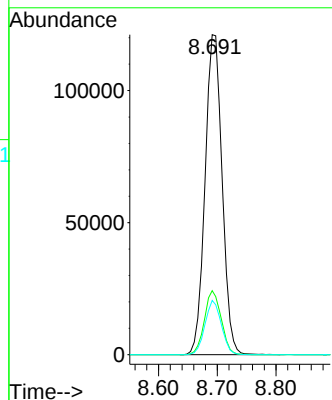
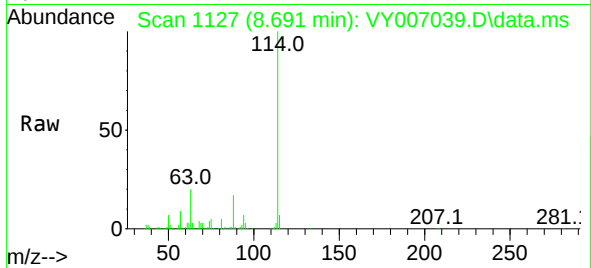




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.691 min Scan# 1127  
Delta R.T. -0.006 min  
Lab File: VY007039.D  
Acq: 06 Jan 2022 17:52

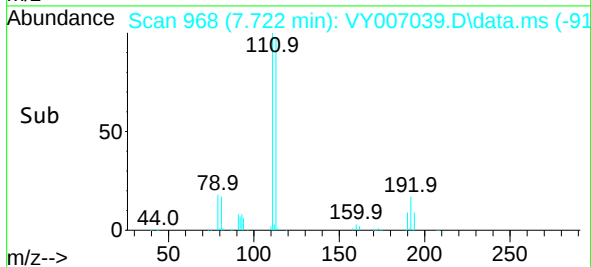
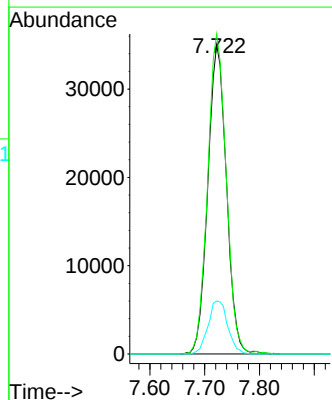
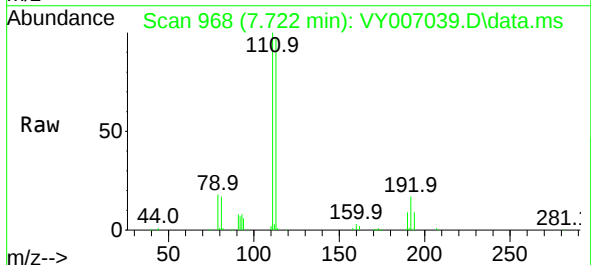
Instrument :  
MSVOA\_Y  
ClientSampleId :  
7211979

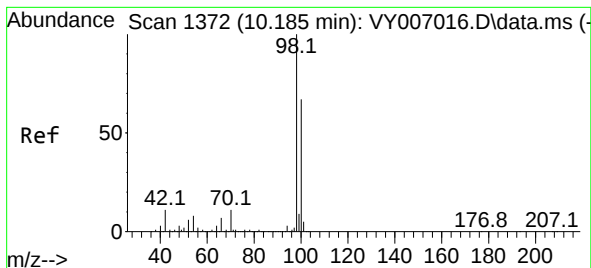
Tgt Ion:114 Resp: 244824  
Ion Ratio Lower Upper  
114 100  
63 20.0 0.0 37.6  
88 17.0 0.0 31.8



#35  
Dibromofluoromethane  
Concen: 51.285 ug/l  
RT: 7.722 min Scan# 968  
Delta R.T. 0.000 min  
Lab File: VY007039.D  
Acq: 06 Jan 2022 17:52

Tgt Ion:113 Resp: 82535  
Ion Ratio Lower Upper  
113 100  
111 103.5 81.9 122.9  
192 18.0 14.6 21.8





#50

Toluene-d8

Concen: 50.294 ug/l

RT: 10.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY007039.D

Acq: 06 Jan 2022 17:52

Instrument :

MSVOA\_Y

ClientSampleId :

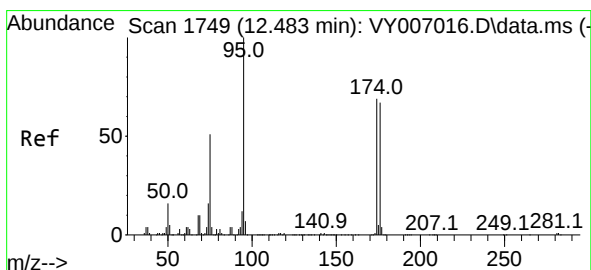
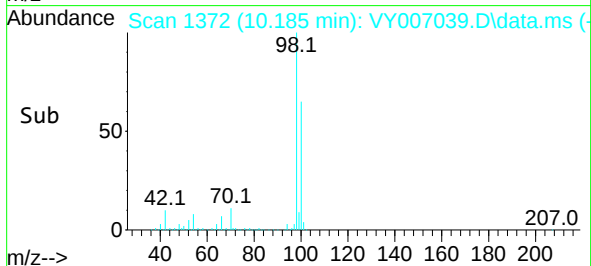
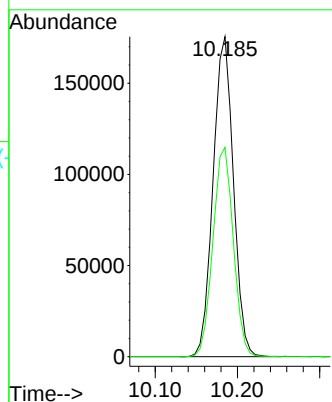
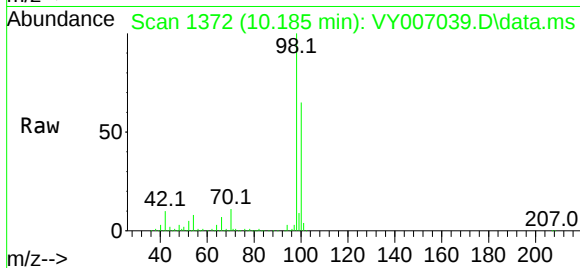
7211979

Tgt Ion: 98 Resp: 300729

Ion Ratio Lower Upper

98 100

100 65.8 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 51.677 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY007039.D

Acq: 06 Jan 2022 17:52

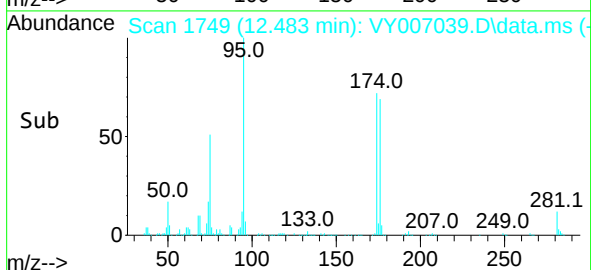
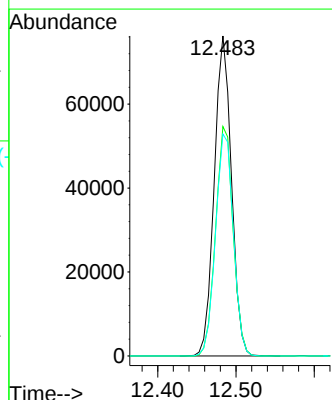
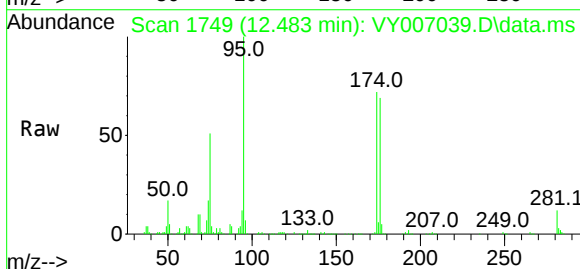
Tgt Ion: 95 Resp: 116372

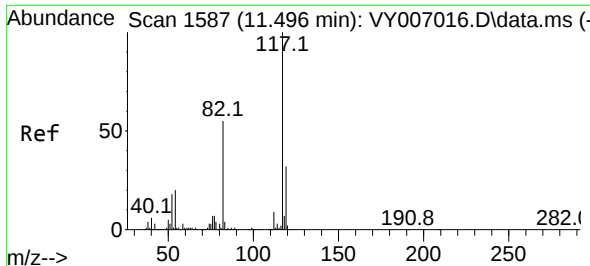
Ion Ratio Lower Upper

95 100

174 73.2 0.0 144.6

176 72.1 0.0 141.0

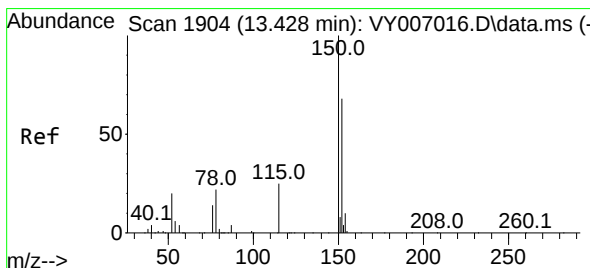
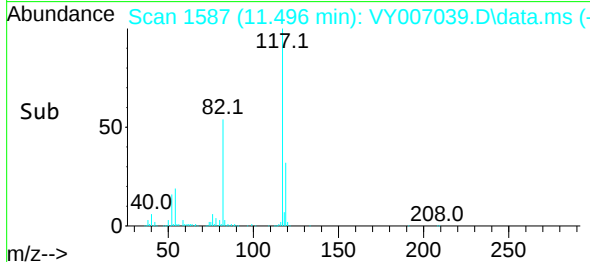
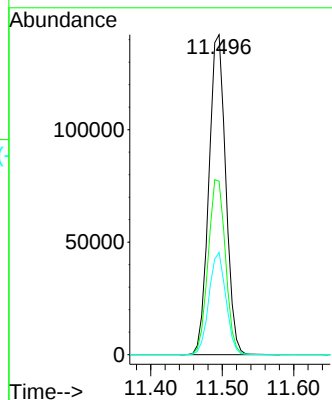
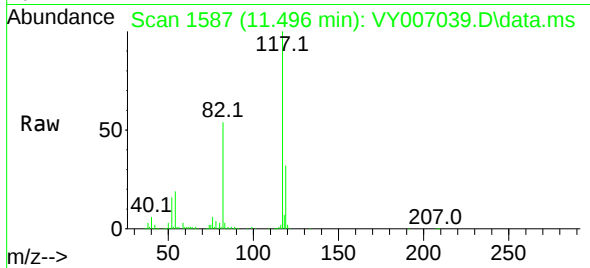




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.496 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VY007039.D  
Acq: 06 Jan 2022 17:52

Instrument :  
MSVOA\_Y  
ClientSampleId :  
7211979

Tgt Ion:117 Resp: 233200  
Ion Ratio Lower Upper  
117 100  
82 54.2 44.1 66.1  
119 31.9 25.3 37.9



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. 0.000 min  
Lab File: VY007039.D  
Acq: 06 Jan 2022 17:52

Tgt Ion:152 Resp: 110565  
Ion Ratio Lower Upper  
152 100  
115 61.9 31.9 95.5  
150 156.4 0.0 358.0

