

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY030322\  
 Data File : VY007730.D  
 Acq On : 04 Mar 2022 02:30  
 Operator : SY/MD  
 Sample : N1730-09  
 Misc : 6.03g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 17-18-SAMPLE-LOCATION-9

Quant Time: Mar 04 07:31:34 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      | 7.795  | 168  | 328907   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.691  | 114  | 573981   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.489 | 117  | 556309   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 238915   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.149  | 65    | 178124   | 51.730   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 103.460% |
| 35) Dibromofluoromethane    | 7.722  | 113   | 186582   | 50.845   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 101.680% |
| 50) Toluene-d8              | 10.185 | 98    | 697185   | 51.612   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 103.220% |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 226598   | 52.040   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 104.080% |

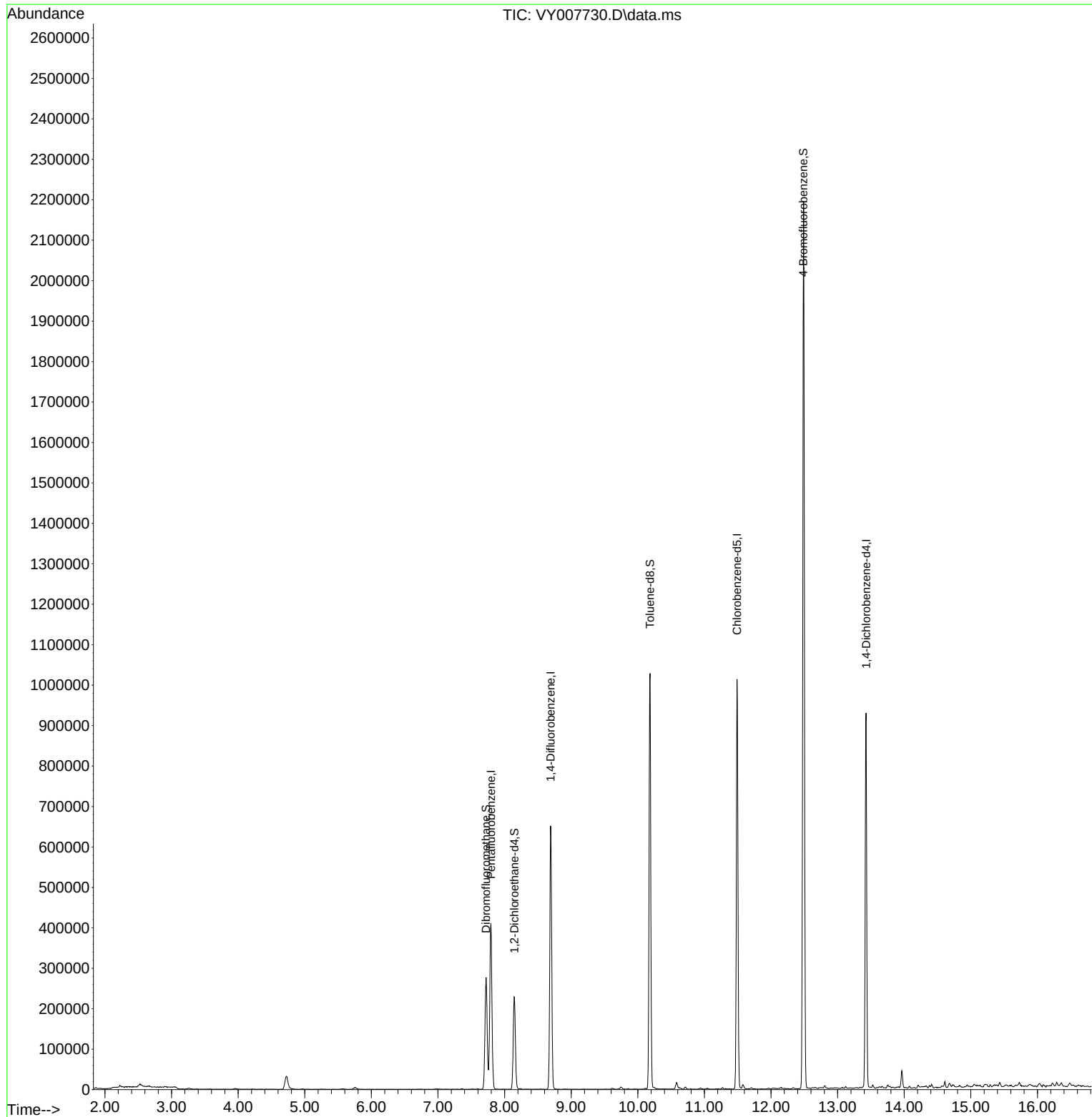
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

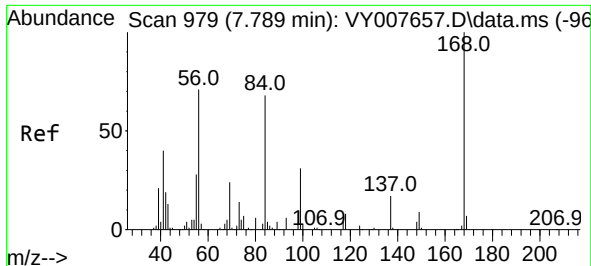
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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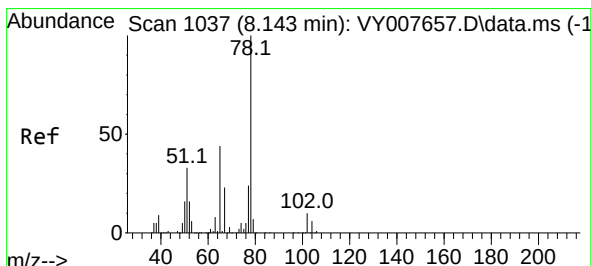
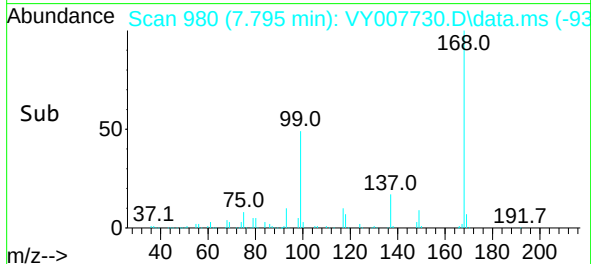
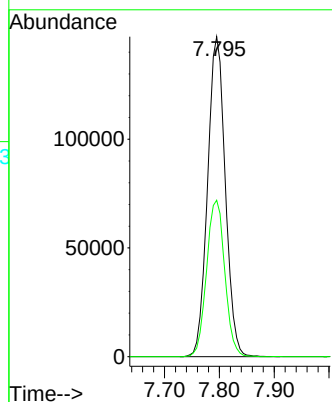
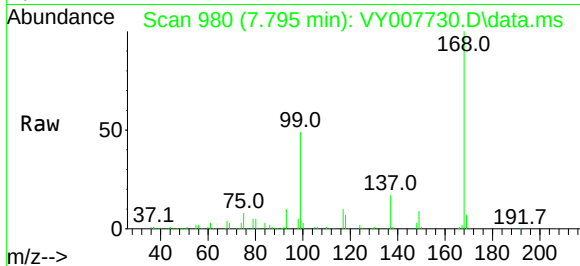




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY007730.D  
Acq: 04 Mar 2022 02:30

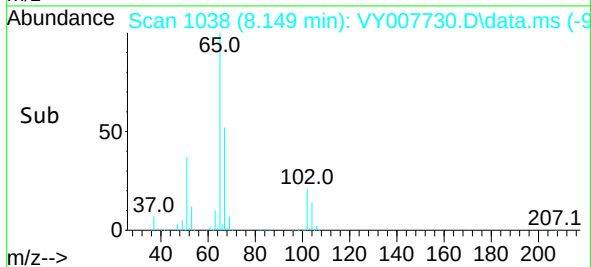
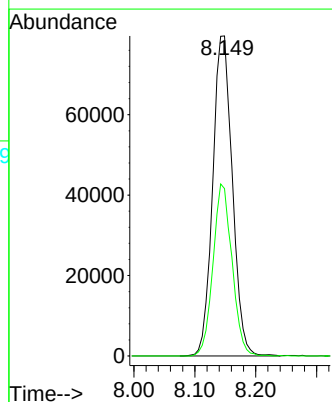
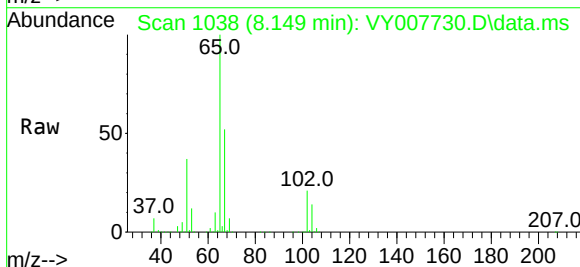
Instrument :  
MSVOA\_Y  
ClientSampleId :  
17-18-SAMPLE-LOCATION-9

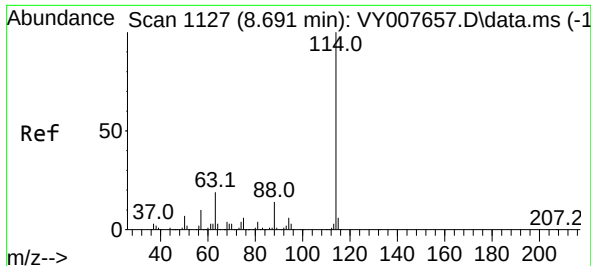
Tgt Ion:168 Resp: 328907  
Ion Ratio Lower Upper  
168 100  
99 48.9 46.9 70.3



#33  
1,2-Dichloroethane-d4  
Concen: 51.730 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. 0.006 min  
Lab File: VY007730.D  
Acq: 04 Mar 2022 02:30

Tgt Ion: 65 Resp: 178124  
Ion Ratio Lower Upper  
65 100  
67 52.1 0.0 99.4

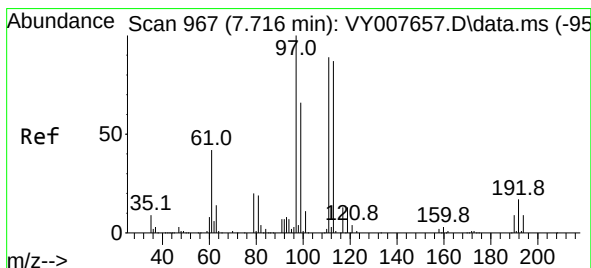
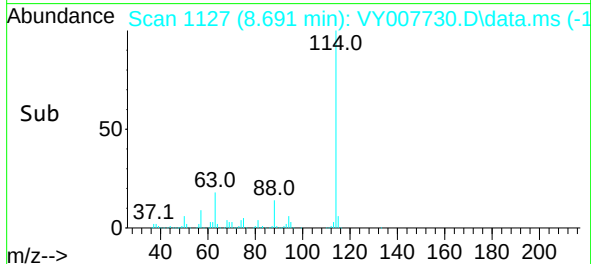
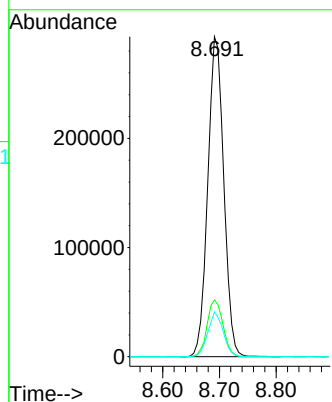
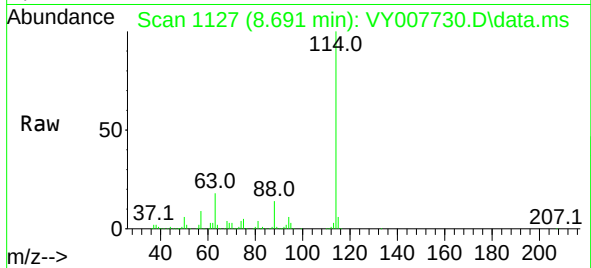




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.691 min Scan# 1127  
Delta R.T. 0.000 min  
Lab File: VY007730.D  
Acq: 04 Mar 2022 02:30

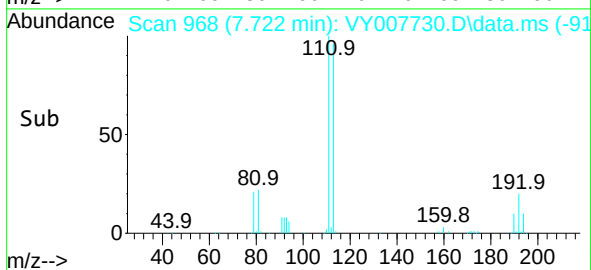
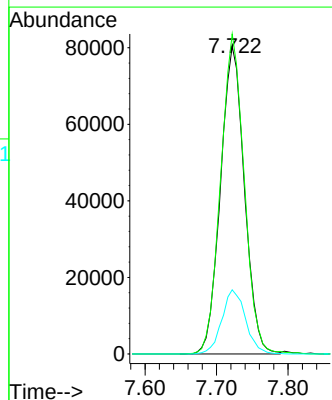
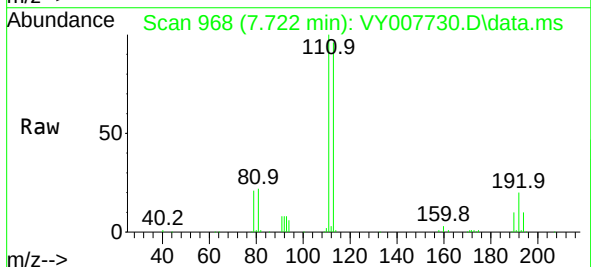
Instrument : MSVOA\_Y  
ClientSampleId : 17-18-SAMPLE-LOCATION-9

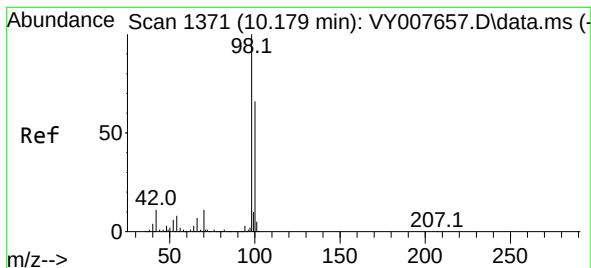
Tgt Ion:114 Resp: 573981  
Ion Ratio Lower Upper  
114 100  
63 17.7 0.0 43.2  
88 14.0 0.0 31.8



#35  
Dibromofluoromethane  
Concen: 50.845 ug/l  
RT: 7.722 min Scan# 968  
Delta R.T. 0.006 min  
Lab File: VY007730.D  
Acq: 04 Mar 2022 02:30

Tgt Ion:113 Resp: 186582  
Ion Ratio Lower Upper  
113 100  
111 102.6 82.6 124.0  
192 20.7 17.6 26.4





#50

Toluene-d8

Concen: 51.612 ug/l

RT: 10.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY007730.D

Acq: 04 Mar 2022 02:30

Instrument :

MSVOA\_Y

ClientSampleId :

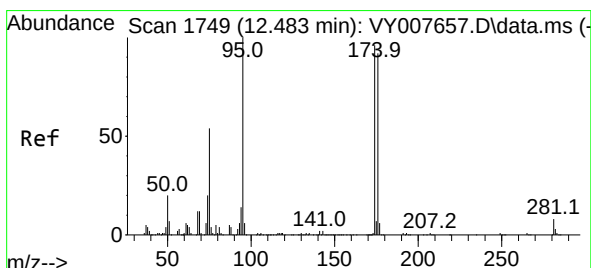
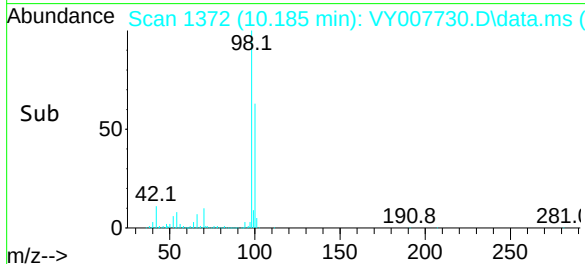
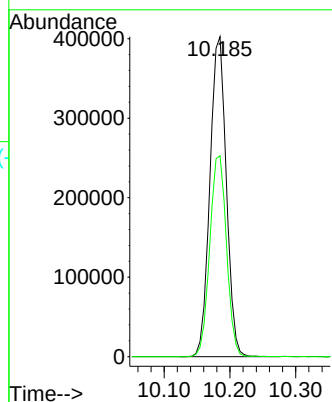
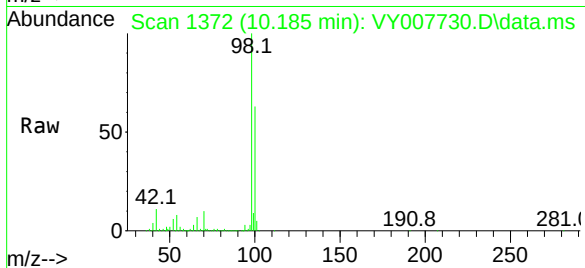
17-18-SAMPLE-LOCATION-9

Tgt Ion: 98 Resp: 697185

Ion Ratio Lower Upper

98 100

100 64.3 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 52.040 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY007730.D

Acq: 04 Mar 2022 02:30

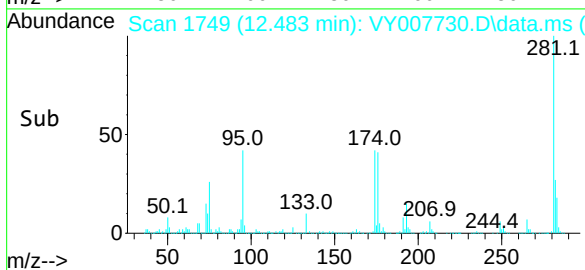
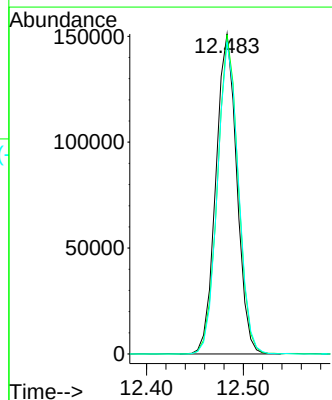
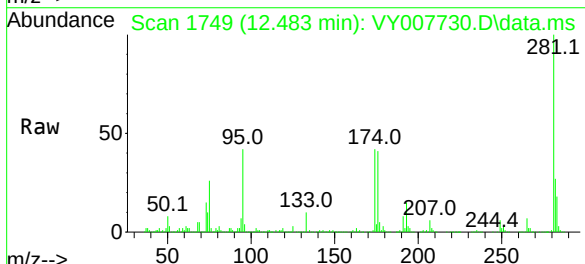
Tgt Ion: 95 Resp: 226598

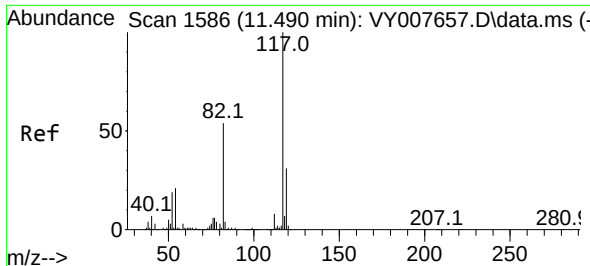
Ion Ratio Lower Upper

95 100

174 98.2 0.0 177.0

176 97.4 0.0 175.8

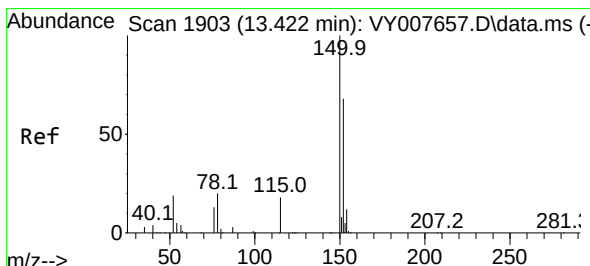
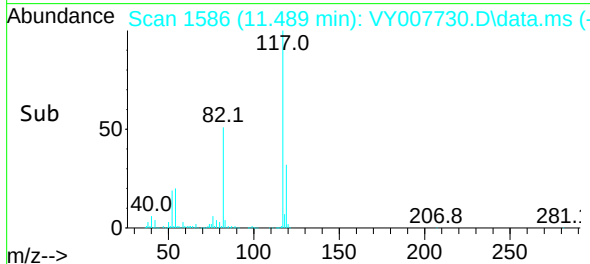
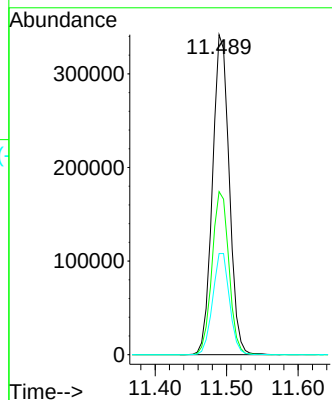
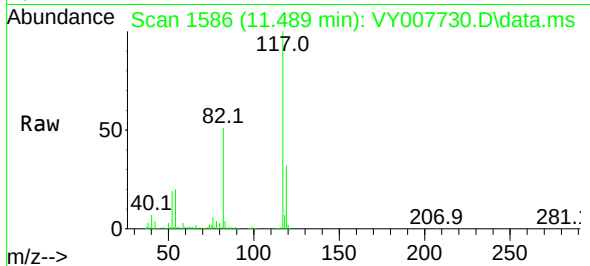




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VY007730.D  
Acq: 04 Mar 2022 02:30

Instrument :  
MSVOA\_Y  
ClientSampleId :  
17-18-SAMPLE-LOCATION-9

Tgt Ion:117 Resp: 556309  
Ion Ratio Lower Upper  
117 100  
82 51.0 43.0 64.4  
119 31.6 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: VY007730.D  
Acq: 04 Mar 2022 02:30

Tgt Ion:152 Resp: 238915  
Ion Ratio Lower Upper  
152 100  
115 55.1 28.2 84.7  
150 158.9 0.0 347.6

