

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY030822\  
 Data File : VY007791.D  
 Acq On : 08 Mar 2022 19:35  
 Operator : SY/MD  
 Sample : N1763-05  
 Misc : 6.64g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 29-30-SAMPLE-LOCATION-15

Quant Time: Mar 09 00:29:37 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  | 20062    | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.691  | 114  | 29175    | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.489 | 117  | 25415    | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.422 | 152  | 8843     | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.142  | 65    | 10711    | 50.997   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 102.000% |
| 35) Dibromofluoromethane    | 7.722  | 113   | 10815    | 57.982   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 115.960% |
| 50) Toluene-d8              | 10.179 | 98    | 33159    | 48.294   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 96.580%  |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 8788     | 39.706   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 79.420%  |

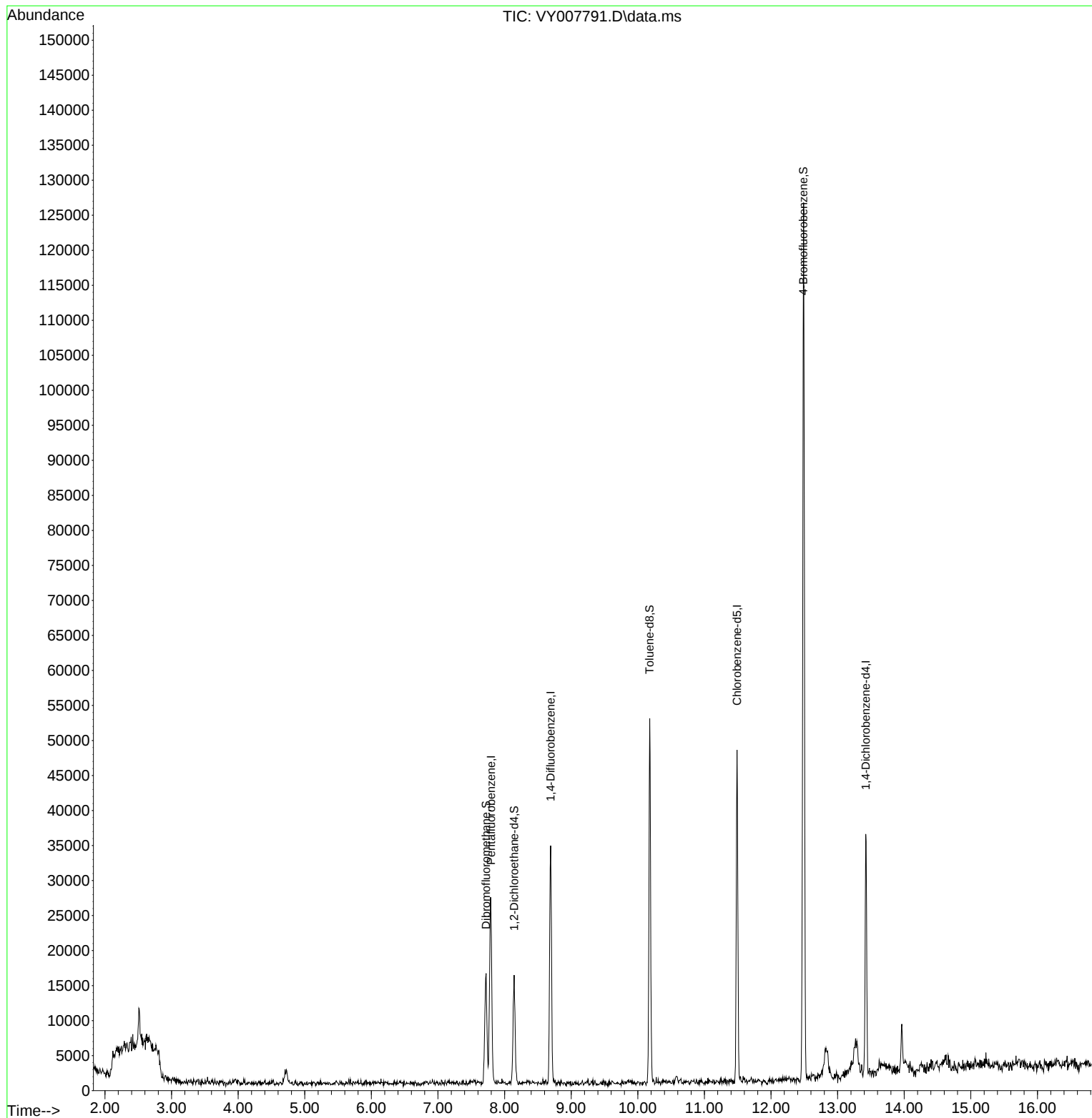
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

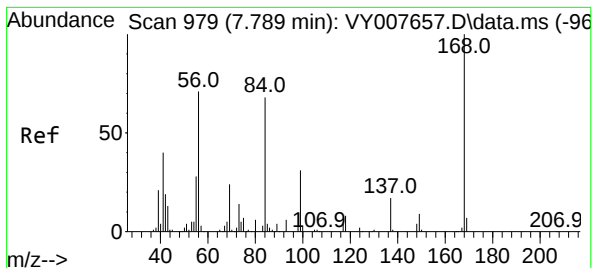
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY030822\  
Data File : VY007791.D  
Acq On : 08 Mar 2022 19:35  
Operator : SY/MD  
Sample : N1763-05  
Misc : 6.64g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
29-30-SAMPLE-LOCATION-15

Quant Time: Mar 09 00:29:37 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY007791.D

Acq: 08 Mar 2022 19:35

Instrument :

MSVOA\_Y

ClientSampleId :

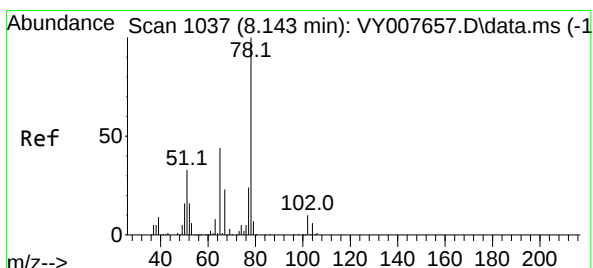
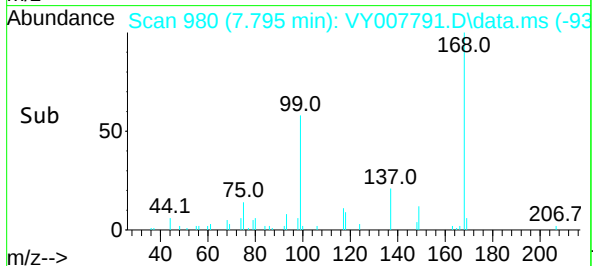
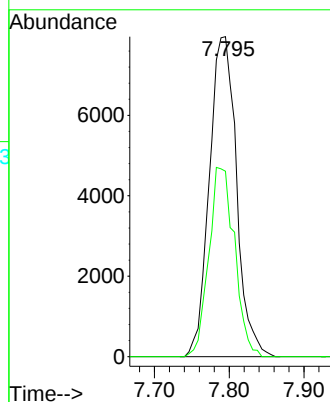
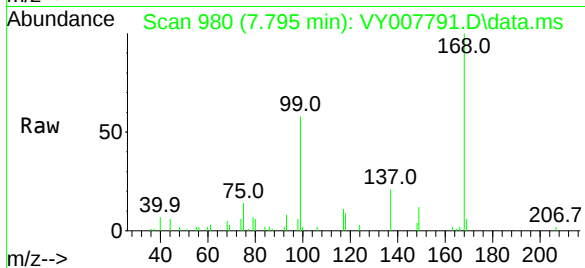
29-30-SAMPLE-LOCATION-15

Tgt Ion:168 Resp: 20062

Ion Ratio Lower Upper

168 100

99 57.9 46.9 70.3



#33

1,2-Dichloroethane-d4

Concen: 50.997 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY007791.D

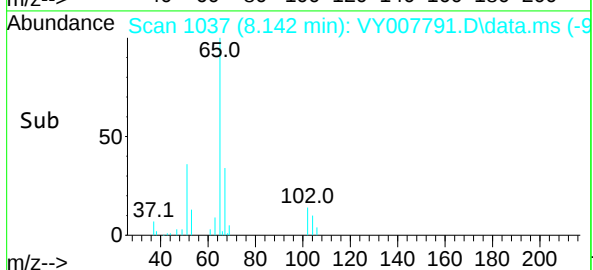
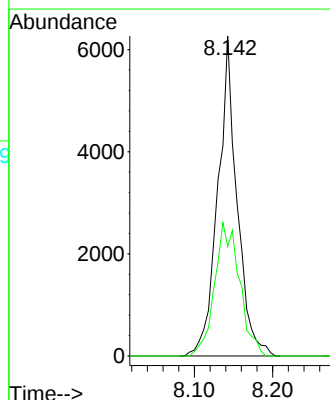
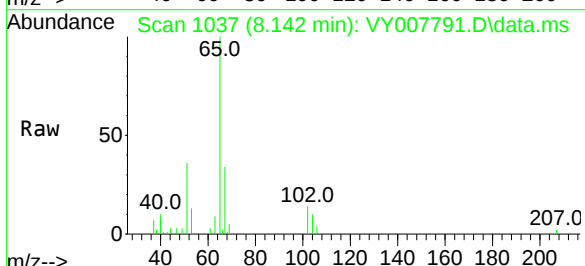
Acq: 08 Mar 2022 19:35

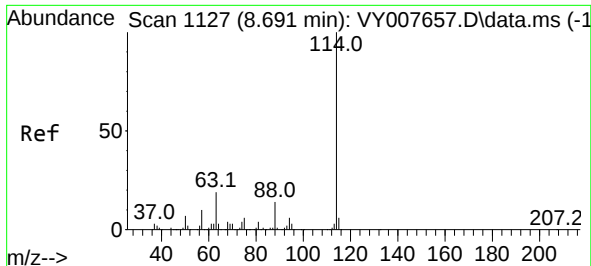
Tgt Ion: 65 Resp: 10711

Ion Ratio Lower Upper

65 100

67 53.9 0.0 99.4

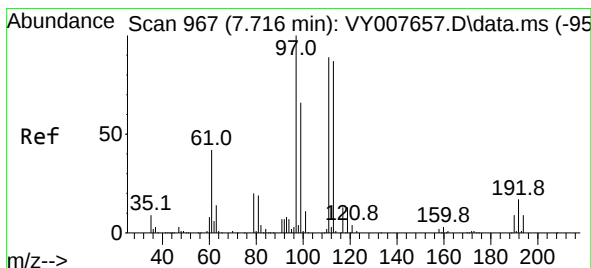
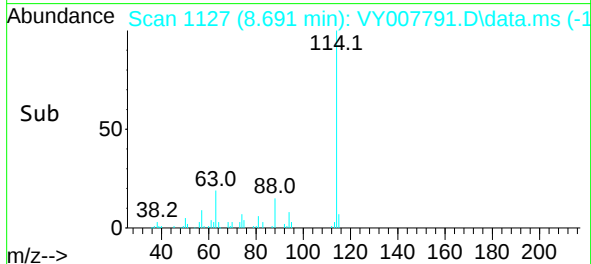
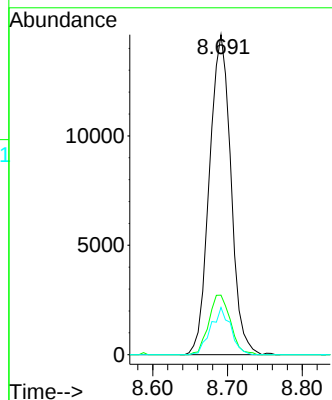
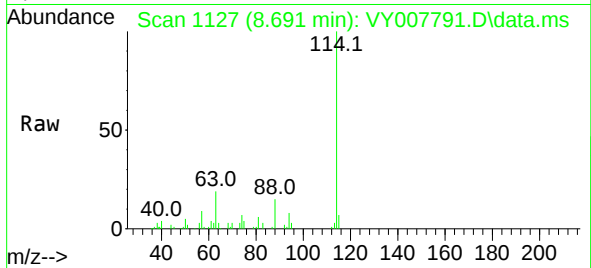




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.691 min Scan# 1127  
Delta R.T. 0.000 min  
Lab File: VY007791.D  
Acq: 08 Mar 2022 19:35

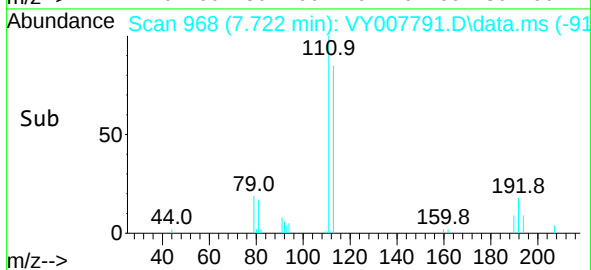
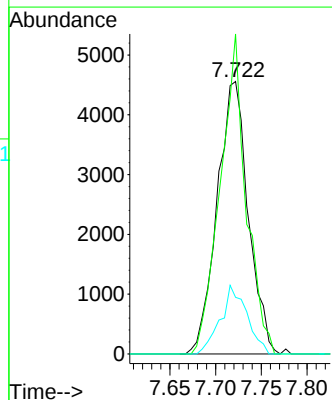
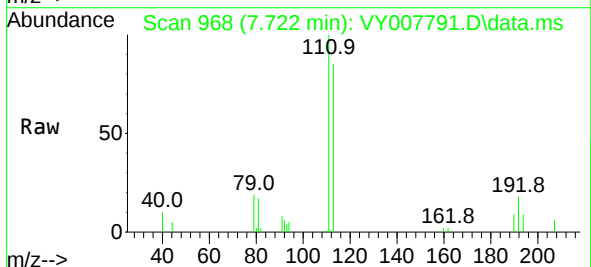
Instrument : MSVOA\_Y  
ClientSampleId : 29-30-SAMPLE-LOCATION-15

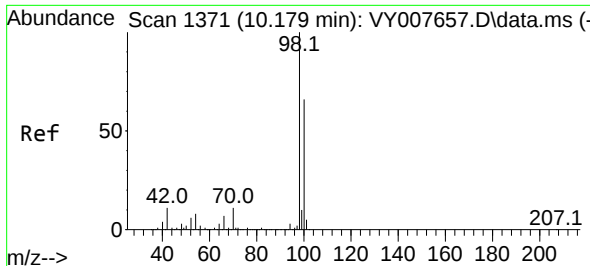
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 114   | Resp: | 29175 |
| Ion Ratio | Lower | Upper |       |
| 114       | 100   |       |       |
| 63        | 18.6  | 0.0   | 43.2  |
| 88        | 14.7  | 0.0   | 31.8  |



#35  
Dibromofluoromethane  
Concen: 57.982 ug/l  
RT: 7.722 min Scan# 968  
Delta R.T. 0.006 min  
Lab File: VY007791.D  
Acq: 08 Mar 2022 19:35

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 113   | Resp: | 10815 |
| Ion Ratio | Lower | Upper |       |
| 113       | 100   |       |       |
| 111       | 97.8  | 82.6  | 124.0 |
| 192       | 21.4  | 17.6  | 26.4  |

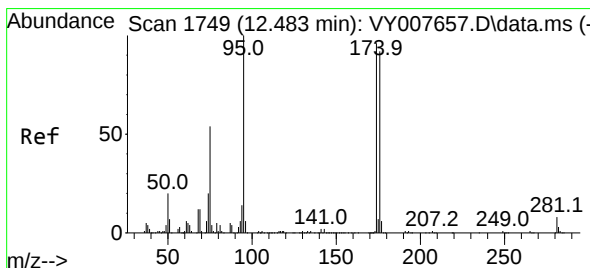
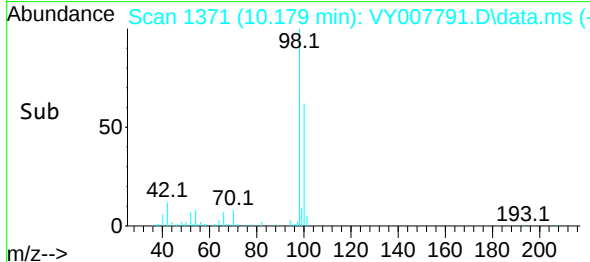
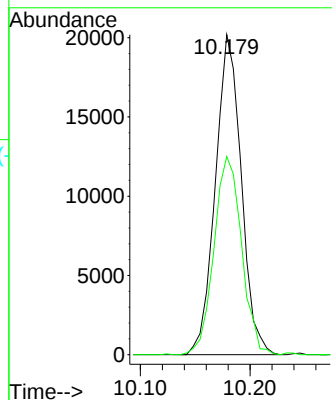
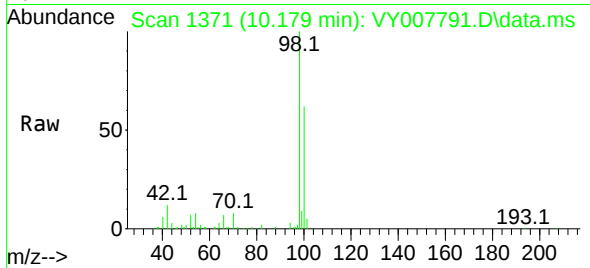




#50  
Toluene-d8  
Concen: 48.294 ug/l  
RT: 10.179 min Scan# 1371  
Delta R.T. -0.000 min  
Lab File: VY007791.D  
Acq: 08 Mar 2022 19:35

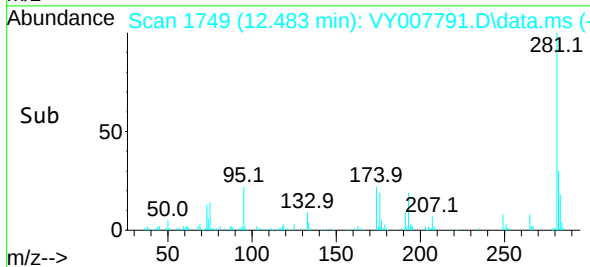
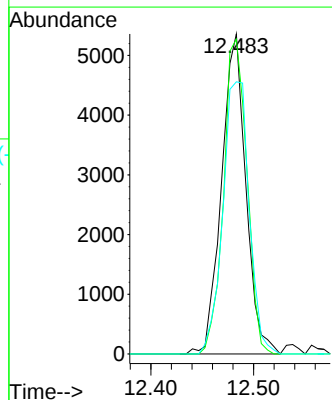
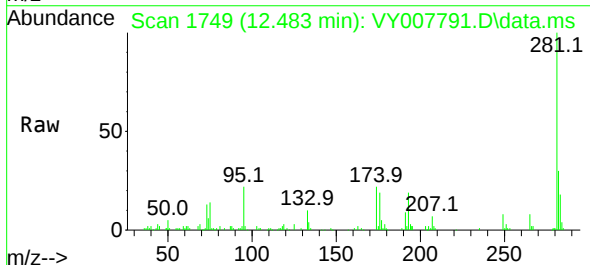
Instrument : MSVOA\_Y  
ClientSampleId : 29-30-SAMPLE-LOCATION-15

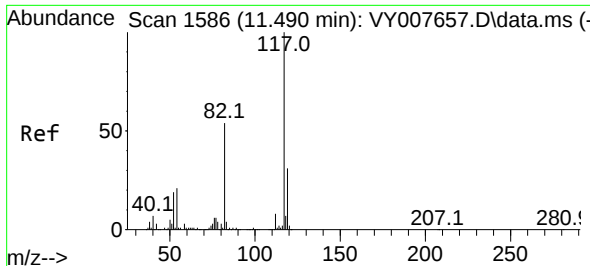
Tgt Ion: 98 Resp: 33159  
Ion Ratio Lower Upper  
98 100  
100 66.0 50.2 75.2



#62  
4-Bromofluorobenzene  
Concen: 39.706 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY007791.D  
Acq: 08 Mar 2022 19:35

Tgt Ion: 95 Resp: 8788  
Ion Ratio Lower Upper  
95 100  
174 94.7 0.0 177.0  
176 92.2 0.0 175.8

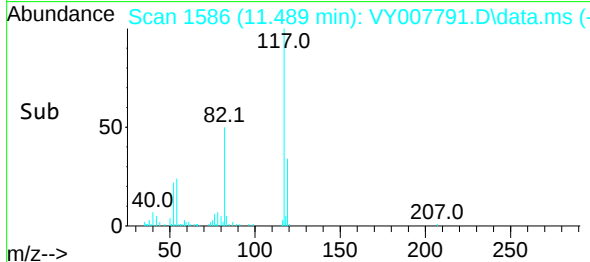
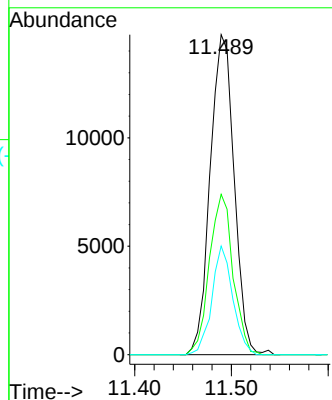
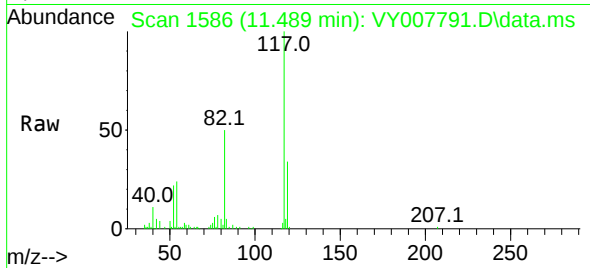




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 117  
Delta R.T. -0.001 min  
Lab File: VY007791.D  
Acq: 08 Mar 2022 19:35

Instrument :  
MSVOA\_Y  
ClientSampleId :  
29-30-SAMPLE-LOCATION-15

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 25415 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 82        | 50.1  | 43.0  | 64.4  |
| 119       | 34.0  | 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: VY007791.D  
Acq: 08 Mar 2022 19:35

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 8843  |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 115       | 56.1  | 28.2  | 84.7  |
| 150       | 147.2 | 0.0   | 347.6 |

