

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD030221\  
 Data File : VD068493.D  
 Acq On : 02 Mar 2021 13:49  
 Operator : VA/SY  
 Sample : M1527-02  
 Misc : 6.05G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 ETGI-371

Quant Time: Mar 02 23:57:40 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D022621S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 26 14:04:14 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units     | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-----------|----------|
| -----                       |        |       |          |          |           |          |
| Internal Standards          |        |       |          |          |           |          |
| 1) Pentafluorobenzene       | 7.985  | 168   | 340719   | 50.00    | ug/l      | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.867  | 114   | 615773   | 50.00    | ug/l      | 0.00     |
| 63) Chlorobenzene-d5        | 11.644 | 117   | 585758   | 50.00    | ug/l      | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.573 | 152   | 268304   | 50.00    | ug/l      | 0.00     |
| System Monitoring Compounds |        |       |          |          |           |          |
| 33) 1,2-Dichloroethane-d4   | 8.332  | 65    | 183765   | 53.98    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 107.96% |          |
| 35) Dibromofluoromethane    | 7.920  | 113   | 192516   | 51.90    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 103.80% |          |
| 50) Toluene-d8              | 10.344 | 98    | 773263   | 52.34    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 104.68% |          |
| 62) 4-Bromofluorobenzene    | 12.632 | 95    | 253986   | 53.34    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 106.68% |          |

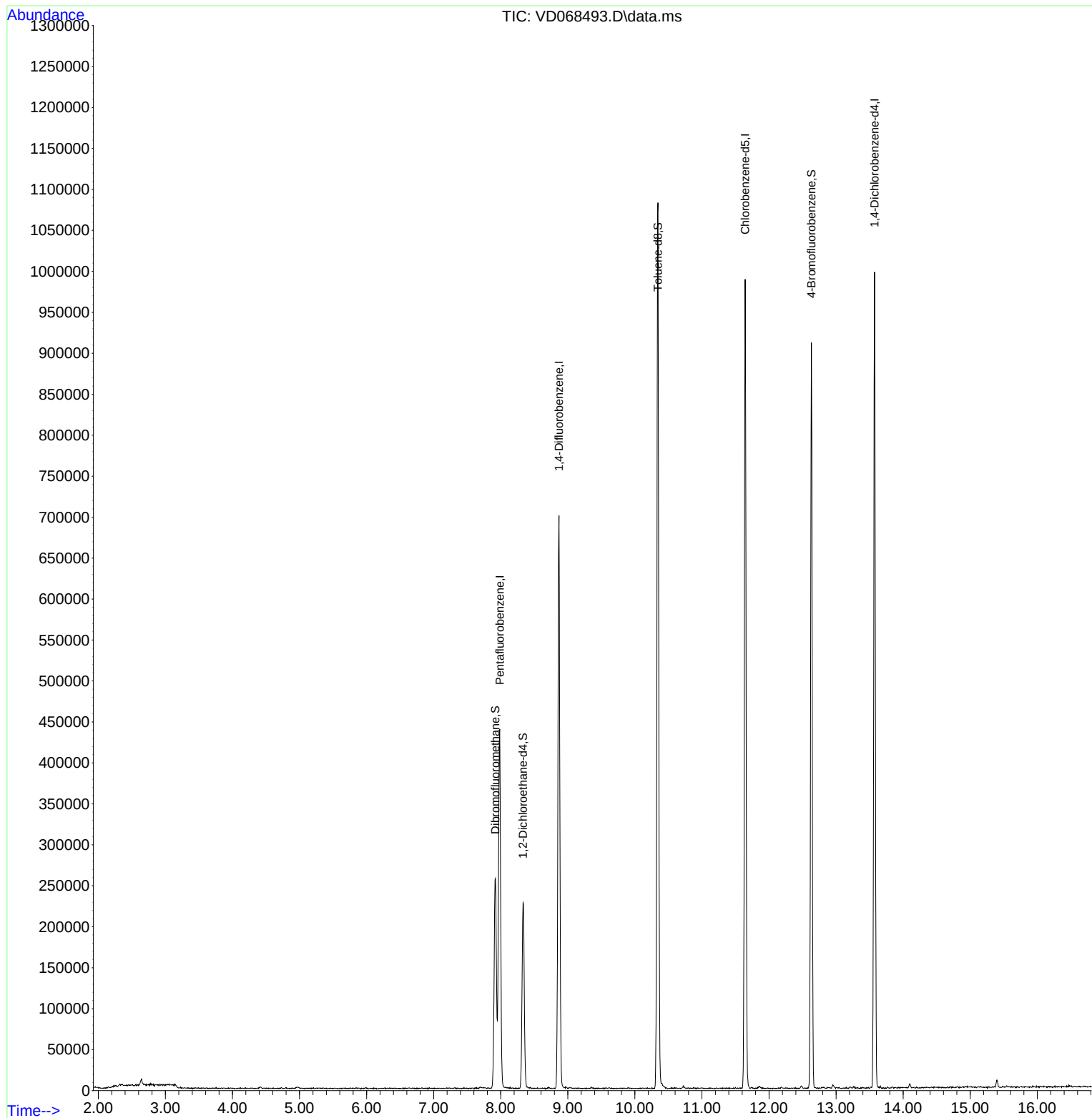
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

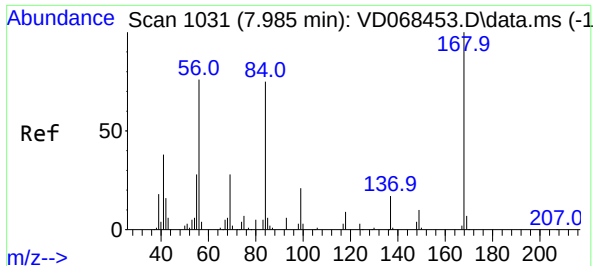
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 02 23:57:40 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D022621S.M  
Quant Title : SW846 8260  
QLast Update : Fri Feb 26 14:04:14 2021  
Response via : Initial Calibration

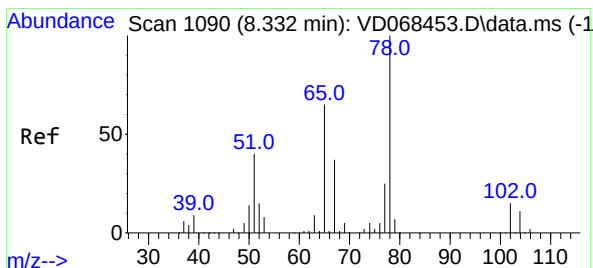
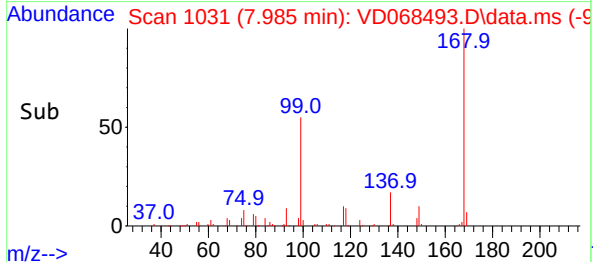
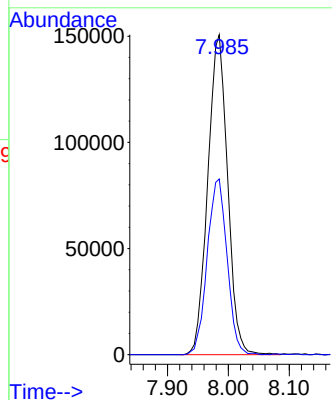
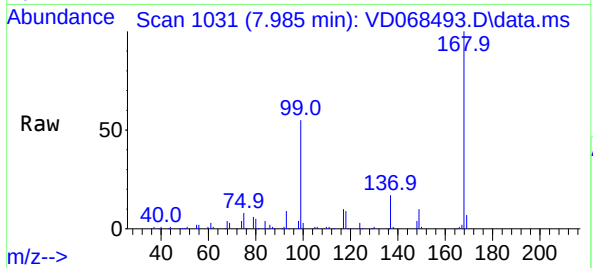




Pentafluorobenzene  
 Concen: 50.00 ug/l  
 RT: 7.985 min Scan# 1031  
 Delta R.T. 0.000 min  
 Lab File: VD068493.D  
 Acq: 02 Mar 2021 13:49

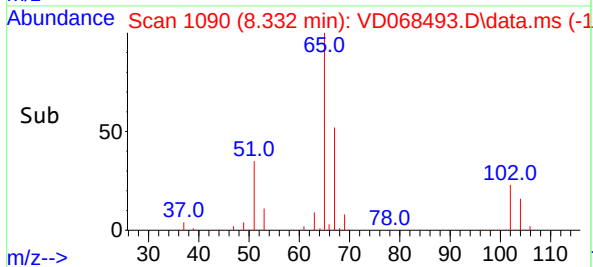
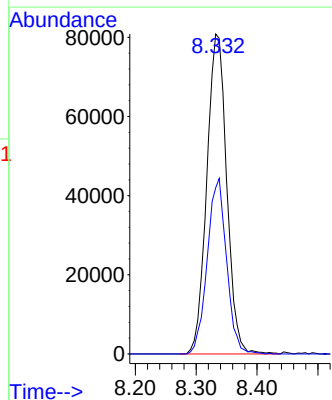
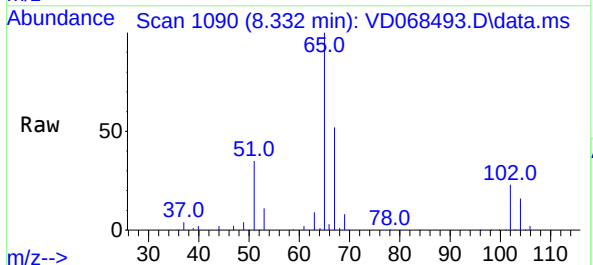
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 ETGI-371

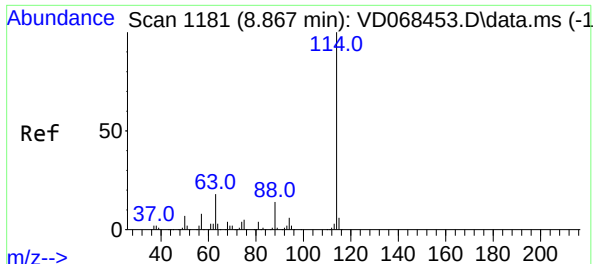
Tgt Ion:168 Resp: 340719  
 Ion Ratio Lower Upper  
 168 100  
 99 54.9 43.5 65.3



1,2-Dichloroethane-d4  
 Concen: 53.98 ug/l  
 RT: 8.332 min Scan# 1090  
 Delta R.T. 0.000 min  
 Lab File: VD068493.D  
 Acq: 02 Mar 2021 13:49

Tgt Ion: 65 Resp: 183765  
 Ion Ratio Lower Upper  
 65 100  
 67 53.0 0.0 105.0



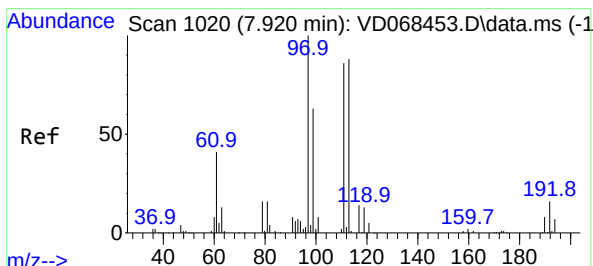
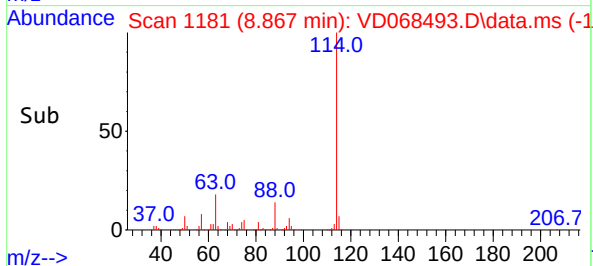
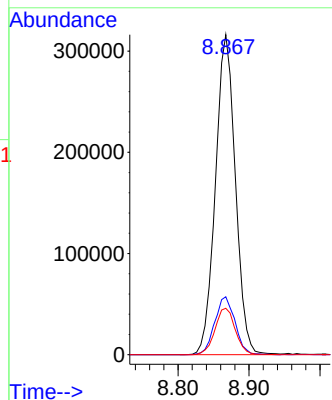
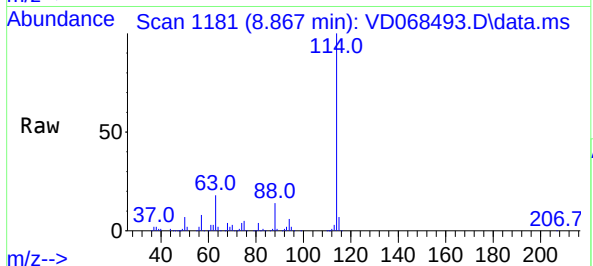


#34

1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.867 min Scan# 1181  
Delta R.T. 0.000 min  
Lab File: VD068493.D  
Acq: 02 Mar 2021 13:49

Instrument :  
MSVOA\_D  
ClientSampled :  
ETGI-371

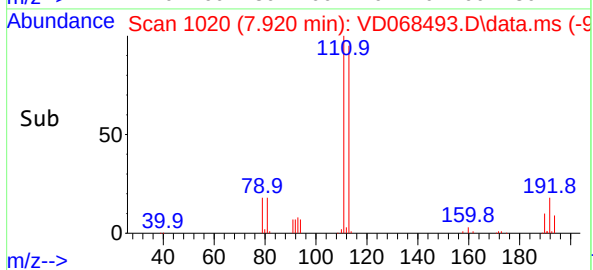
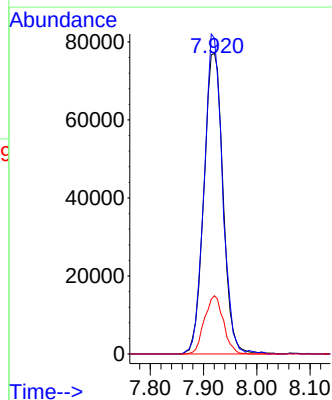
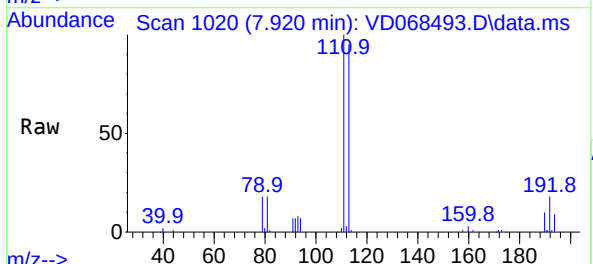
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 114   | Resp: | 615773 |
| Ion      | Ratio | Lower | Upper  |
| 114      | 100   |       |        |
| 63       | 18.1  | 0.0   | 34.8   |
| 88       | 14.5  | 0.0   | 31.6   |

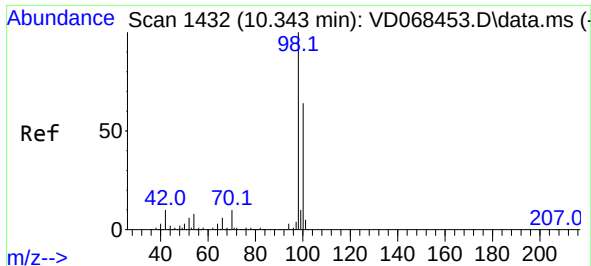


#35

Dibromofluoromethane  
Concen: 51.90 ug/l  
RT: 7.920 min Scan# 1020  
Delta R.T. 0.000 min  
Lab File: VD068493.D  
Acq: 02 Mar 2021 13:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 113   | Resp: | 192516 |
| Ion      | Ratio | Lower | Upper  |
| 113      | 100   |       |        |
| 111      | 101.2 | 81.4  | 122.0  |
| 192      | 19.2  | 16.1  | 24.1   |

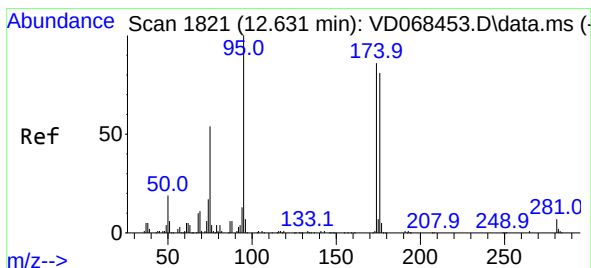
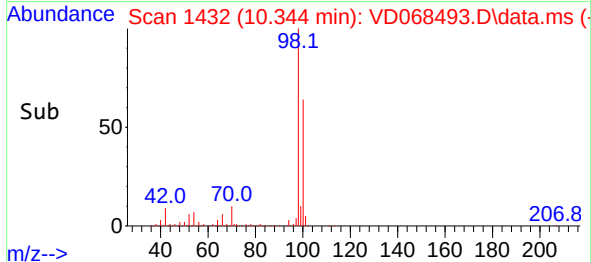
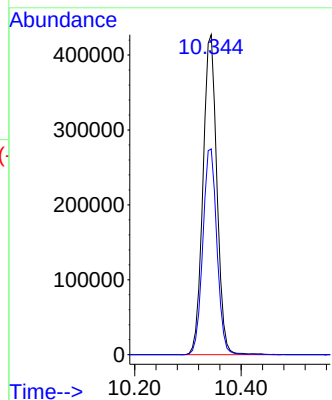
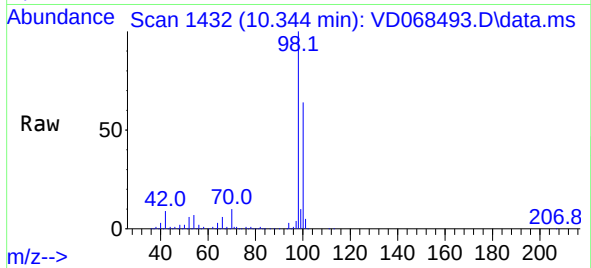




#50  
Toluene-d8  
Concen: 52.34 ug/l  
RT: 10.344 min Scan# 1432  
Delta R.T. 0.000 min  
Lab File: VD068493.D  
Acq: 02 Mar 2021 13:49

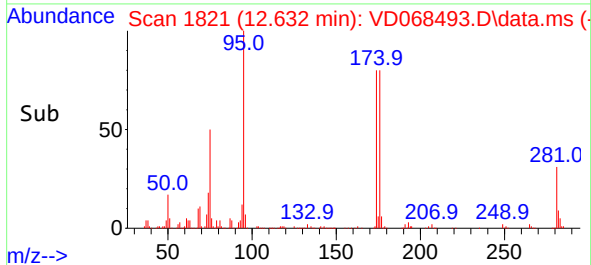
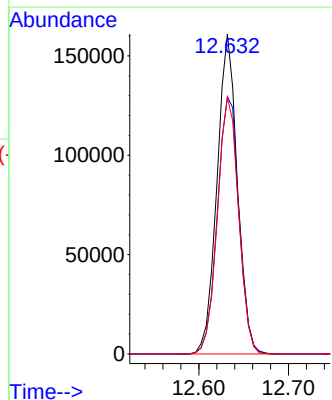
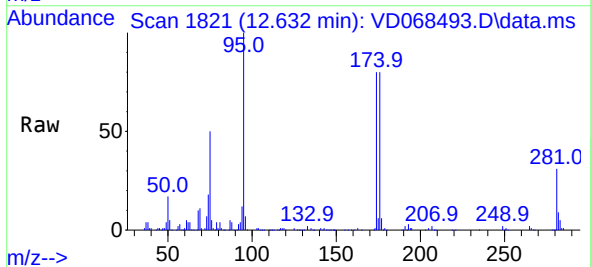
Instrument :  
MSVOA\_D  
ClientSampleId :  
ETGI-371

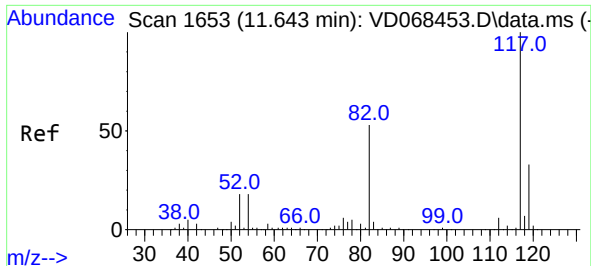
Tgt Ion: 98 Resp: 773263  
Ion Ratio Lower Upper  
98 100  
100 65.1 53.0 79.4



#62  
4-Bromofluorobenzene  
Concen: 53.34 ug/l  
RT: 12.632 min Scan# 1821  
Delta R.T. 0.000 min  
Lab File: VD068493.D  
Acq: 02 Mar 2021 13:49

Tgt Ion: 95 Resp: 253986  
Ion Ratio Lower Upper  
95 100  
174 85.1 0.0 172.4  
176 82.8 0.0 168.4

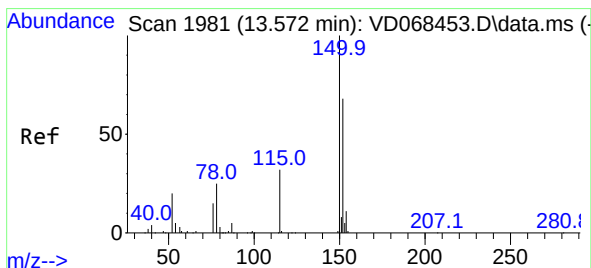
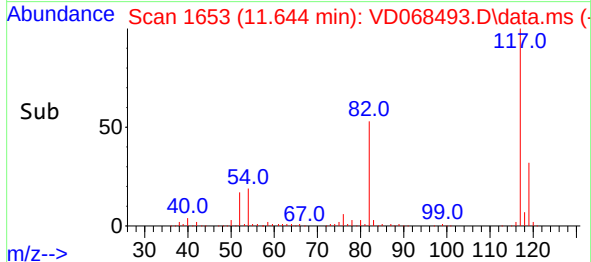
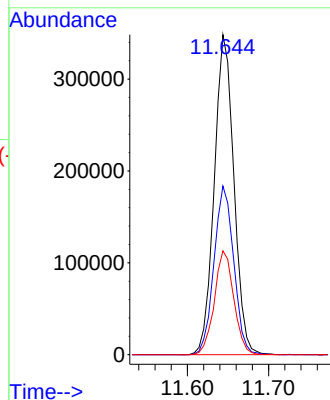
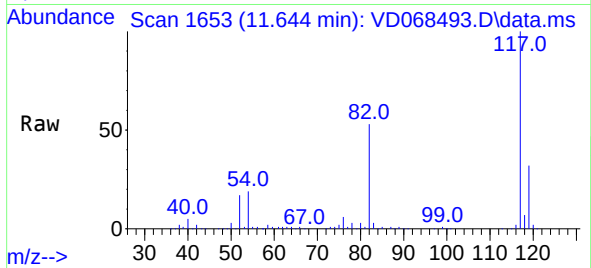




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.644 min Scan# 1653  
Delta R.T. 0.000 min  
Lab File: VD068493.D  
Acq: 02 Mar 2021 13:49

Instrument :  
MSVOA\_D  
ClientSampled :  
ETGI-371

Tgt Ion:117 Resp: 585758  
Ion Ratio Lower Upper  
117 100  
82 52.7 41.4 62.0  
119 32.4 26.1 39.1



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.573 min Scan# 1981  
Delta R.T. 0.001 min  
Lab File: VD068493.D  
Acq: 02 Mar 2021 13:49

Tgt Ion:152 Resp: 268304  
Ion Ratio Lower Upper  
152 100  
115 58.0 28.9 86.8  
150 160.8 0.0 344.4

