

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD013122\  
 Data File : VD071850.D  
 Acq On : 31 Jan 2022 17:30  
 Operator : VA/SY  
 Sample : N1325-16  
 Misc : 3.29G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 TEX-2

Quant Time: Feb 01 04:04:27 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D012622S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 27 06:04:38 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.979  | 168  | 432895   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.861  | 114  | 795335   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.637 | 117  | 711045   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.567 | 152  | 297853   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.332  | 65    | 252934   | 46.227   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 92.460%  |
| 35) Dibromofluoromethane    | 7.914  | 113   | 247355   | 47.314   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 94.620%  |
| 50) Toluene-d8              | 10.337 | 98    | 1011421  | 51.802   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 103.600% |
| 62) 4-Bromofluorobenzene    | 12.625 | 95    | 302109   | 44.309   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 88.620%  |

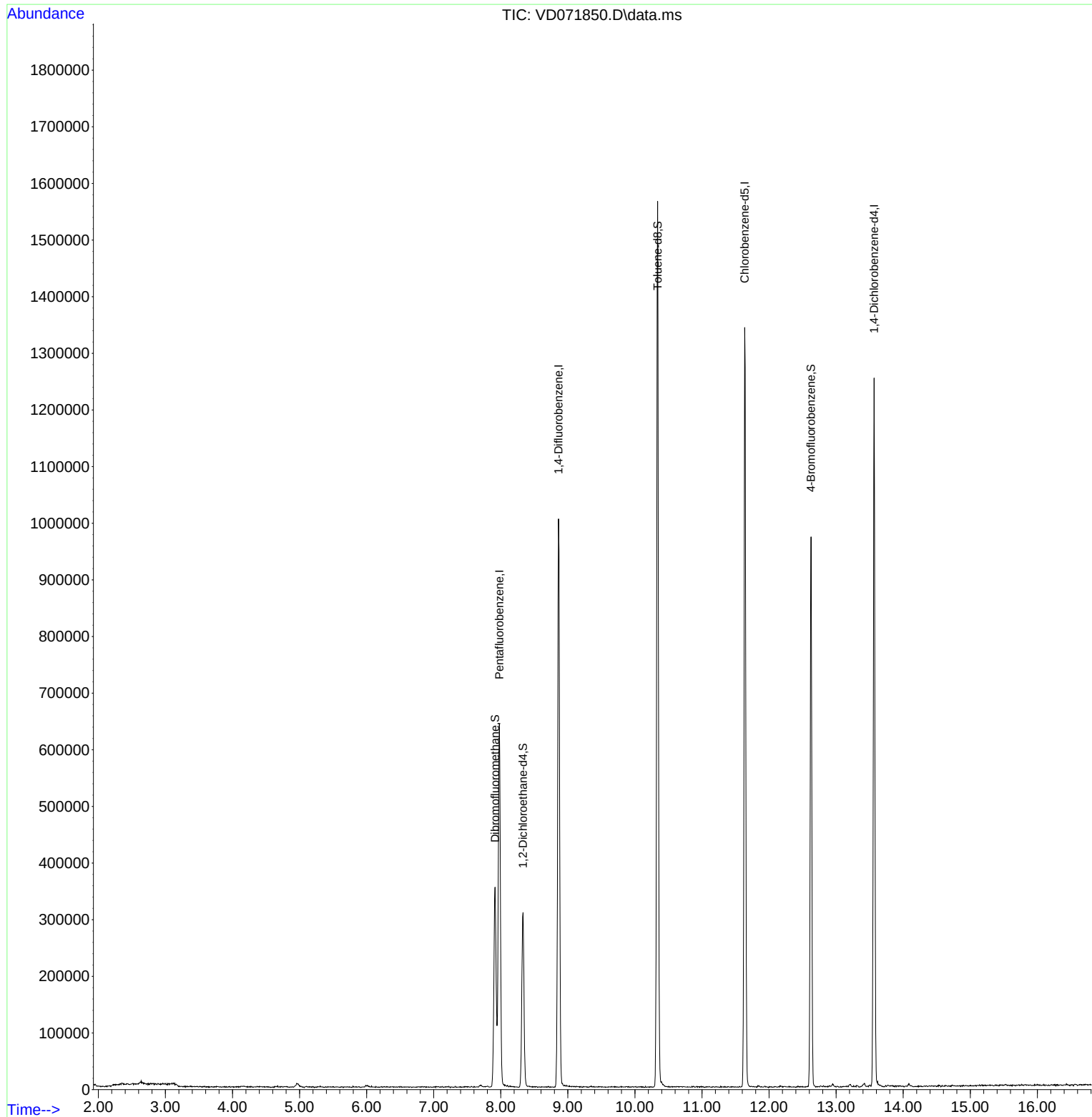
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

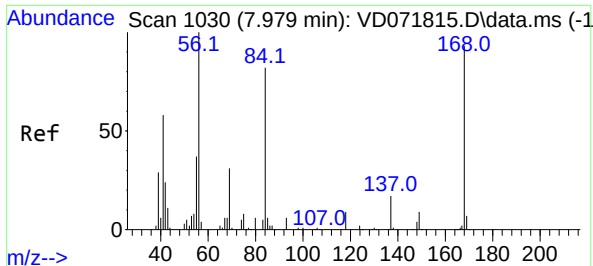
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_D  
ClientSampleId :  
TEX-2

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D012622S.M  
Quant Title : SW846 8260  
QLast Update : Thu Jan 27 06:04:38 2022  
Response via : Initial Calibration

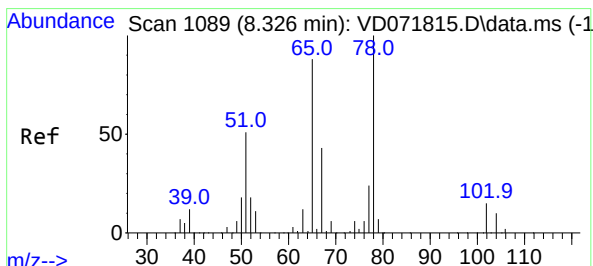
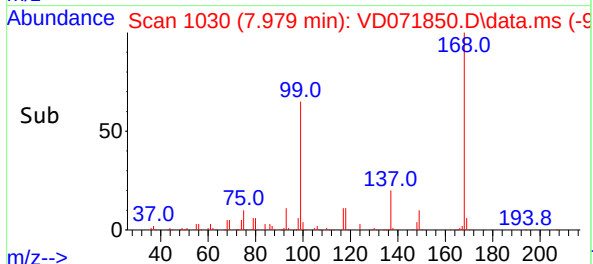
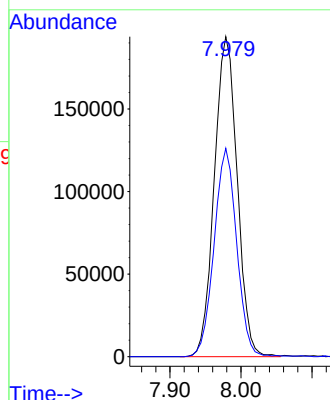
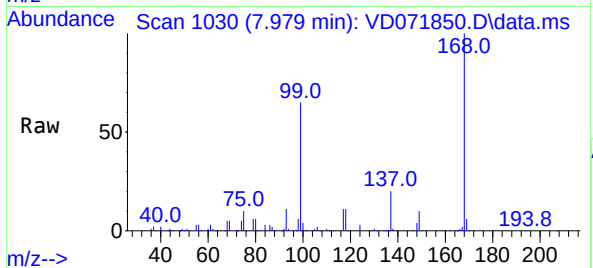




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. -0.000 min  
Lab File: VD071850.D  
Acq: 31 Jan 2022 17:30

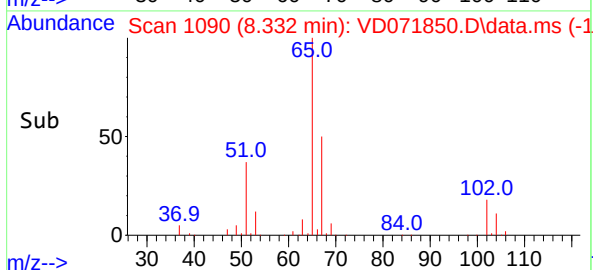
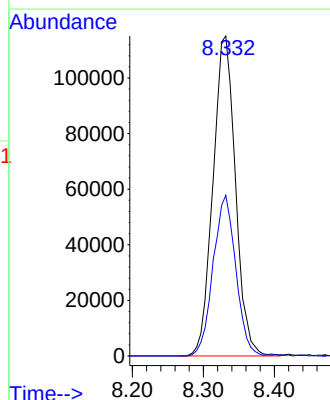
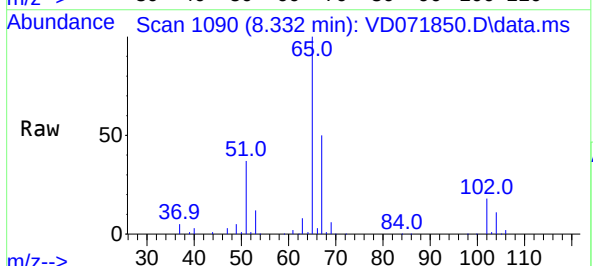
Instrument :  
MSVOA\_D  
ClientSampleId :  
TEX-2

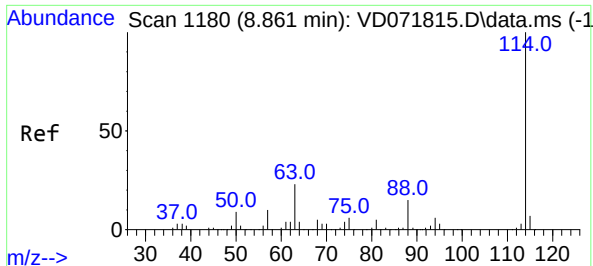
Tgt Ion:168 Resp: 432895  
Ion Ratio Lower Upper  
168 100  
99 65.1 49.8 74.6



#33  
1,2-Dichloroethane-d4  
Concen: 46.227 ug/l  
RT: 8.332 min Scan# 1090  
Delta R.T. 0.005 min  
Lab File: VD071850.D  
Acq: 31 Jan 2022 17:30

Tgt Ion: 65 Resp: 252934  
Ion Ratio Lower Upper  
65 100  
67 50.6 0.0 101.4

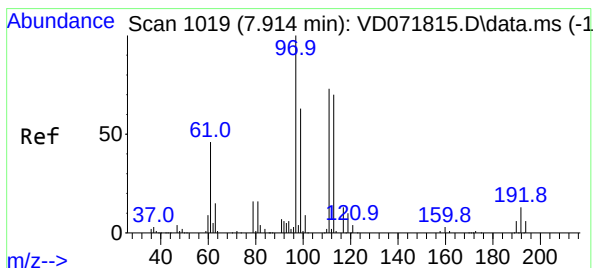
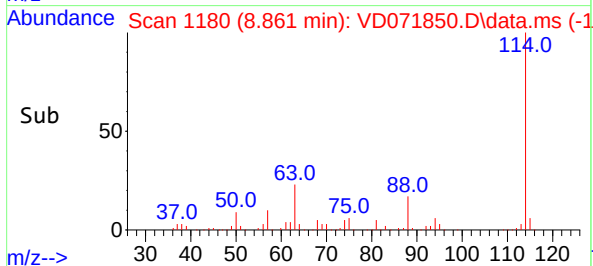
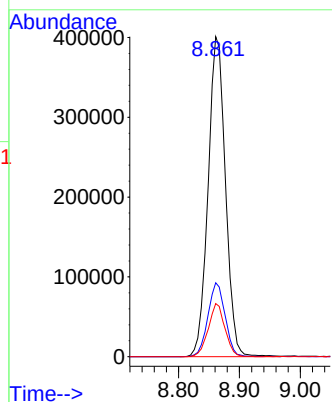
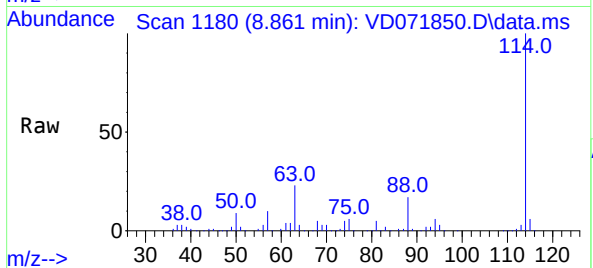




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.861 min Scan# 1180  
Delta R.T. -0.000 min  
Lab File: VD071850.D  
Acq: 31 Jan 2022 17:30

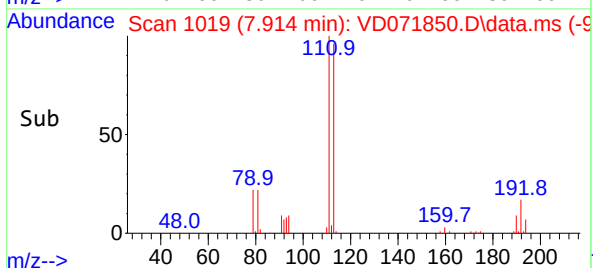
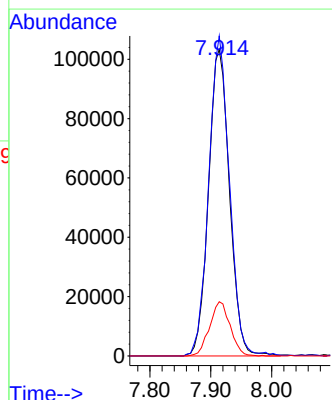
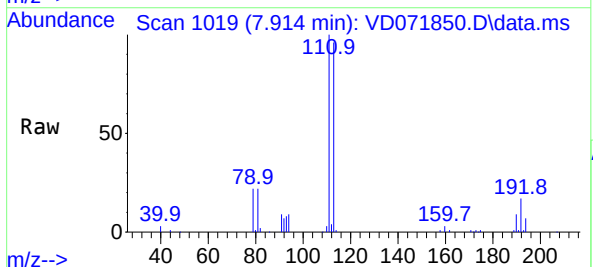
Instrument :  
MSVOA\_D  
ClientSampleId :  
TEX-2

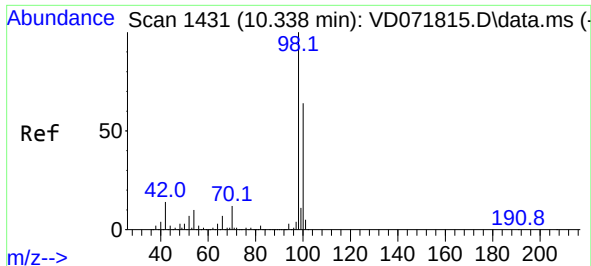
Tgt Ion:114 Resp: 795335  
Ion Ratio Lower Upper  
114 100  
63 23.1 0.0 46.6  
88 16.6 0.0 33.2



#35  
Dibromofluoromethane  
Concen: 47.314 ug/l  
RT: 7.914 min Scan# 1019  
Delta R.T. -0.000 min  
Lab File: VD071850.D  
Acq: 31 Jan 2022 17:30

Tgt Ion:113 Resp: 247355  
Ion Ratio Lower Upper  
113 100  
111 103.1 83.8 125.6  
192 17.3 14.6 21.8

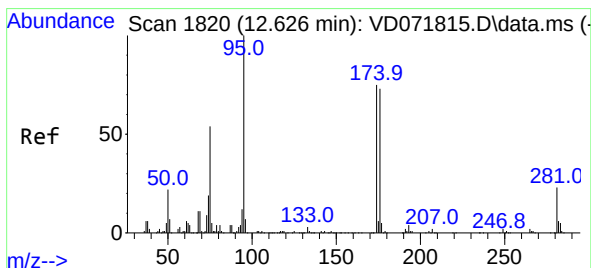
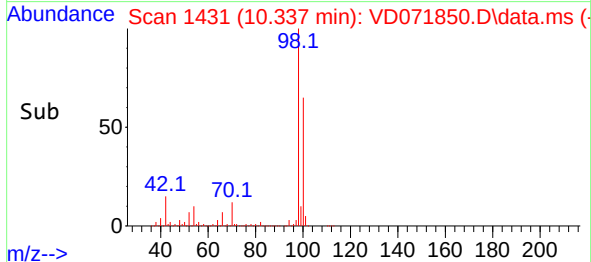
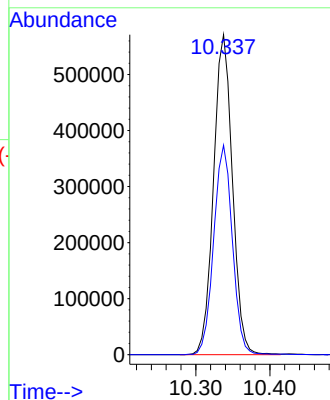
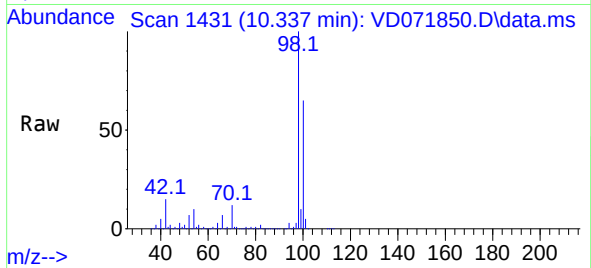




#50  
Toluene-d8  
Concen: 51.802 ug/l  
RT: 10.337 min Scan# 1431  
Delta R.T. -0.000 min  
Lab File: VD071850.D  
Acq: 31 Jan 2022 17:30

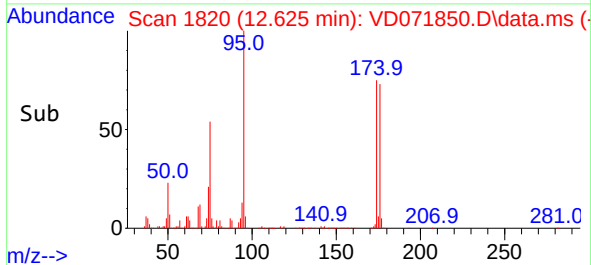
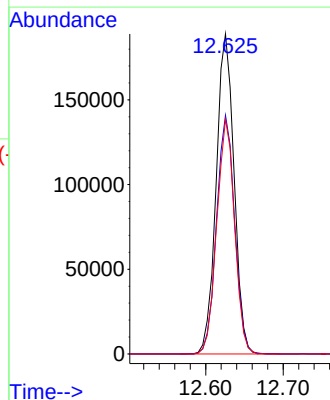
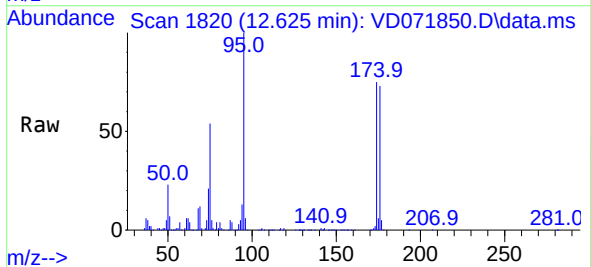
Instrument :  
MSVOA\_D  
ClientSampleId :  
TEX-2

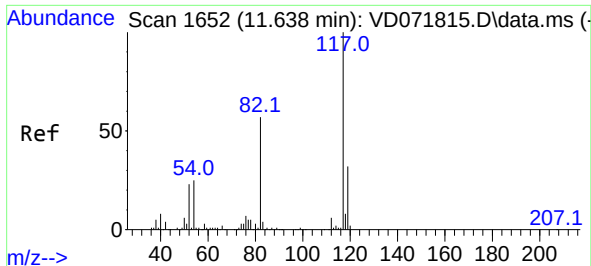
Tgt Ion: 98 Resp: 1011421  
Ion Ratio Lower Upper  
98 100  
100 64.7 52.4 78.6



#62  
4-Bromofluorobenzene  
Concen: 44.309 ug/l  
RT: 12.625 min Scan# 1820  
Delta R.T. -0.000 min  
Lab File: VD071850.D  
Acq: 31 Jan 2022 17:30

Tgt Ion: 95 Resp: 302109  
Ion Ratio Lower Upper  
95 100  
174 75.8 0.0 152.8  
176 72.9 0.0 145.4

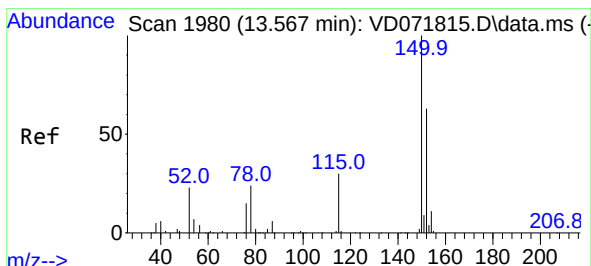
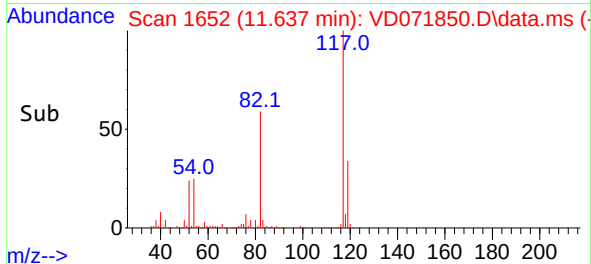
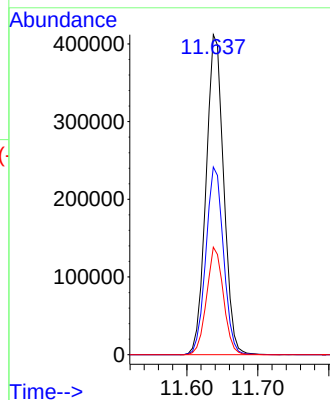
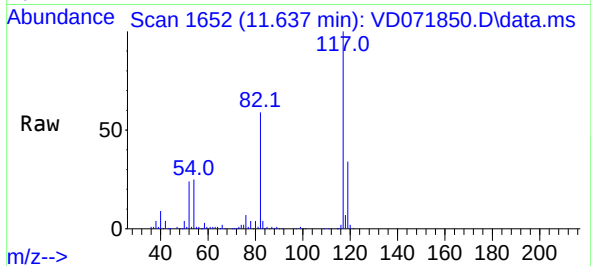




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.637 min Scan# 1170  
Delta R.T. -0.000 min  
Lab File: VD071850.D  
Acq: 31 Jan 2022 17:30

Instrument :  
MSVOA\_D  
ClientSampleId :  
TEX-2

Tgt Ion:117 Resp: 711045  
Ion Ratio Lower Upper  
117 100  
82 58.7 45.3 67.9  
119 33.6 26.6 40.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.567 min Scan# 1980  
Delta R.T. -0.000 min  
Lab File: VD071850.D  
Acq: 31 Jan 2022 17:30

Tgt Ion:152 Resp: 297853  
Ion Ratio Lower Upper  
152 100  
115 61.1 31.3 93.8  
150 158.3 0.0 348.6

