

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD021622\  
 Data File : VD071992.D  
 Acq On : 16 Feb 2022 15:09  
 Operator : VA/SY  
 Sample : N1548-03  
 Misc : 6.10G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 SB-3(2-2.5)

Quant Time: Feb 17 00:49:45 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  | 364631   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.861  | 114  | 680568   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.638 | 117  | 648036   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.567 | 152  | 277076   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.326  | 65    | 239783   | 52.028   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 104.060% |
| 35) Dibromofluoromethane    | 7.909  | 113   | 219691   | 49.109   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 98.220%  |
| 50) Toluene-d8              | 10.338 | 98    | 871758   | 52.178   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 104.360% |
| 62) 4-Bromofluorobenzene    | 12.620 | 95    | 310993   | 53.303   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 106.600% |

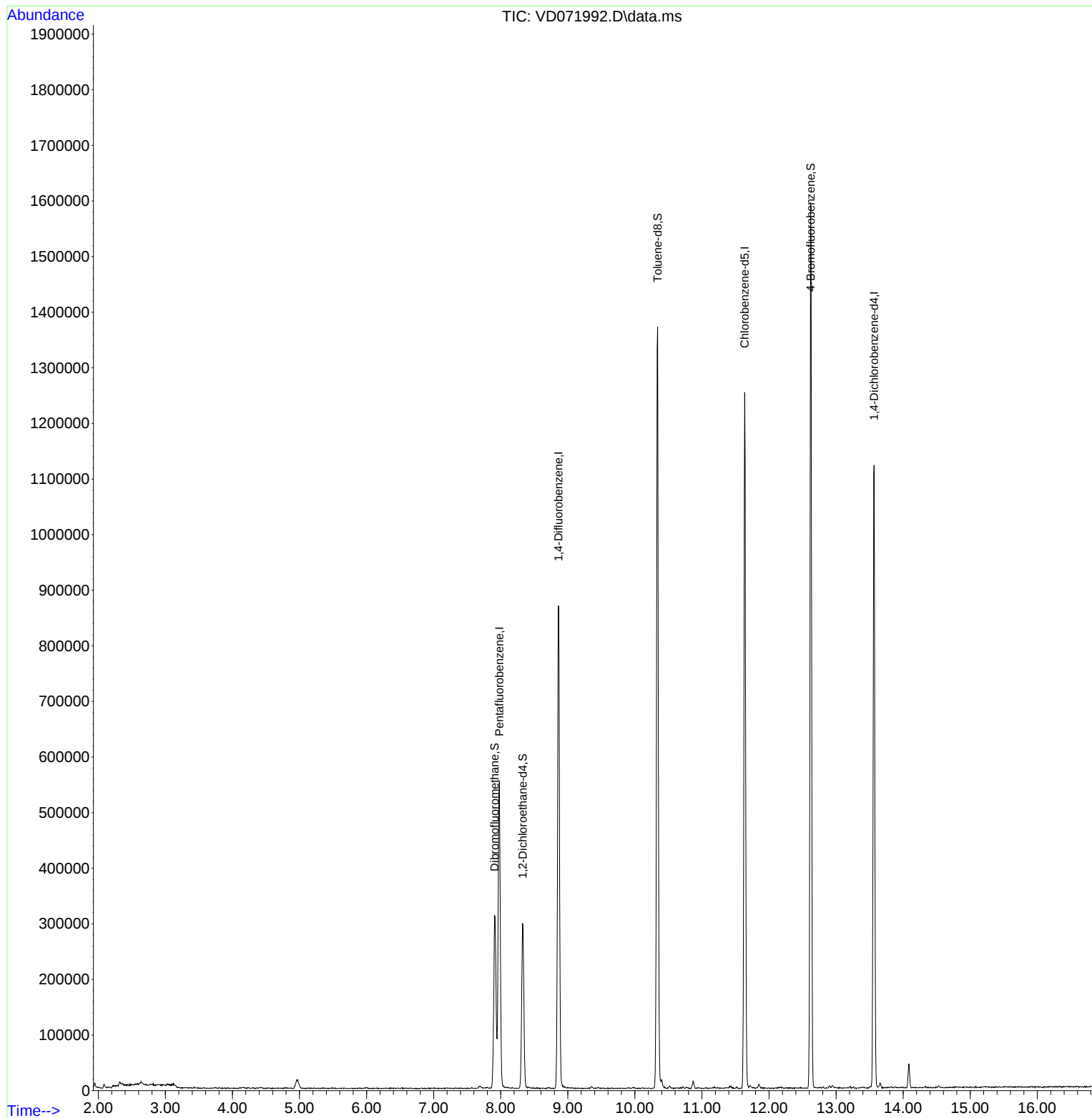
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

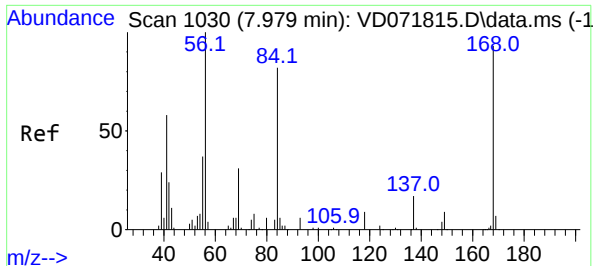
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-3(2-2.5)

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Quant Title : SW846 8260  
QLast Update : Thu Jan 27 06:04:38 2022  
Response via : Initial Calibration

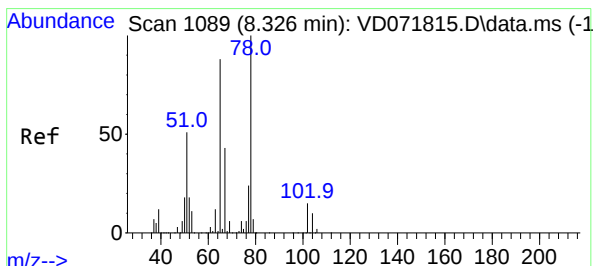
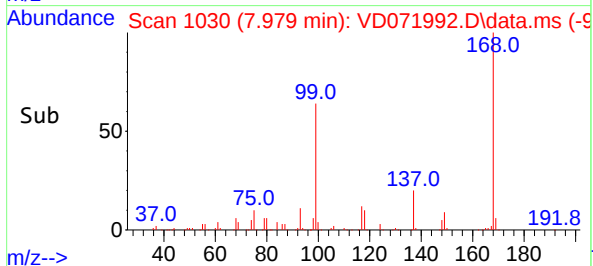
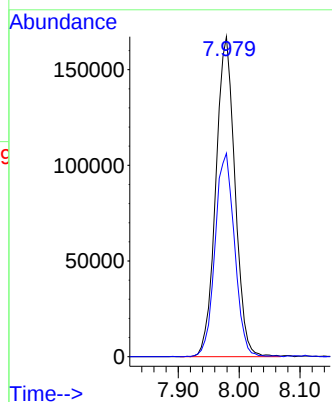
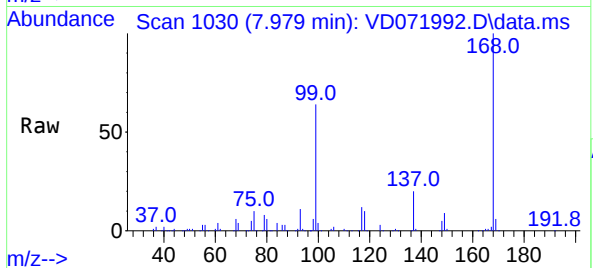




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. 0.000 min  
Lab File: VD071992.D  
Acq: 16 Feb 2022 15:09

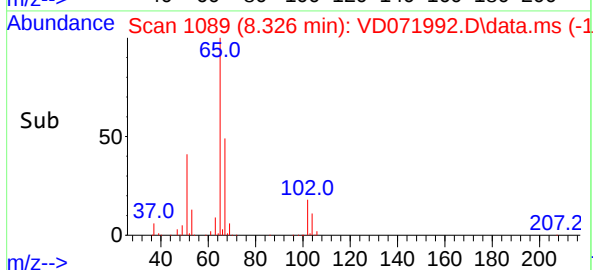
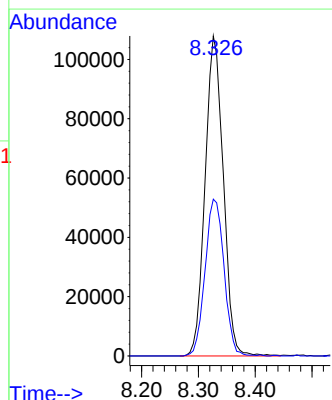
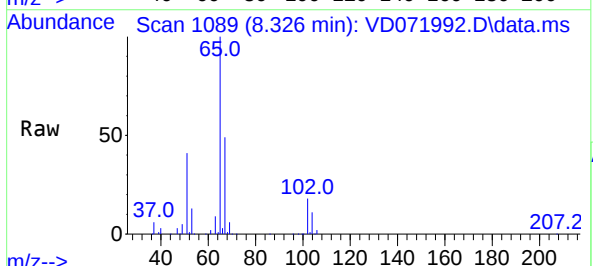
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-3(2-2.5)

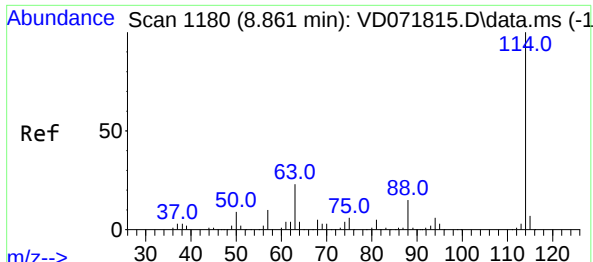
Tgt Ion:168 Resp: 364631  
Ion Ratio Lower Upper  
168 100  
99 63.6 49.8 74.6



#33  
1,2-Dichloroethane-d4  
Concen: 52.028 ug/l  
RT: 8.326 min Scan# 1089  
Delta R.T. 0.000 min  
Lab File: VD071992.D  
Acq: 16 Feb 2022 15:09

Tgt Ion: 65 Resp: 239783  
Ion Ratio Lower Upper  
65 100  
67 51.1 0.0 101.4



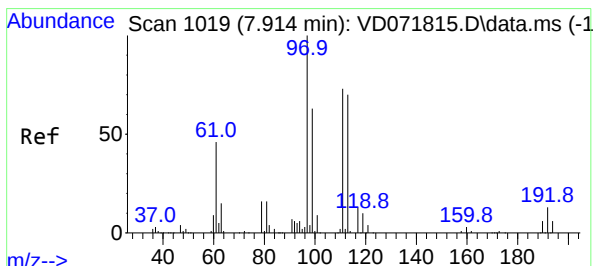
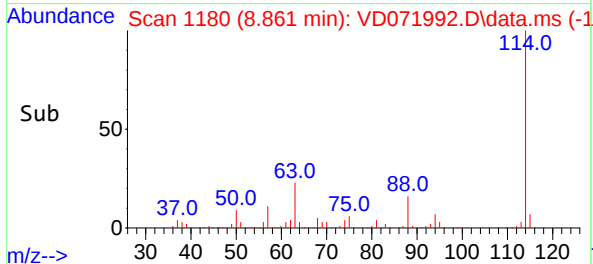
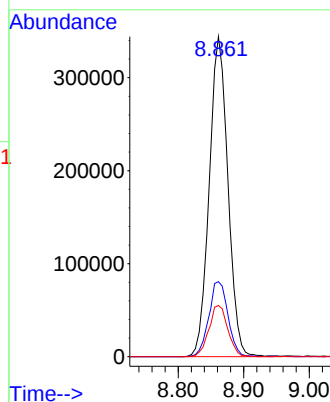
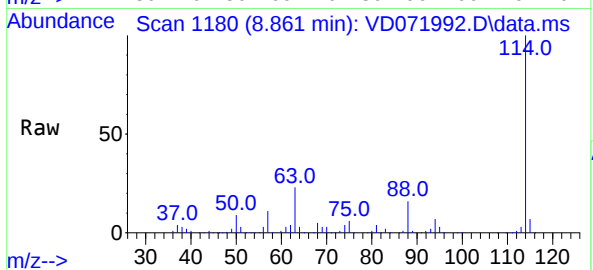


#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.861 min Scan# 1180  
Delta R.T. 0.000 min  
Lab File: VD071992.D  
Acq: 16 Feb 2022 15:09

Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-3(2-2.5)

Tgt Ion:114 Resp: 680568

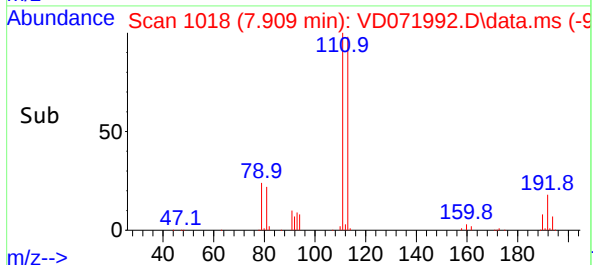
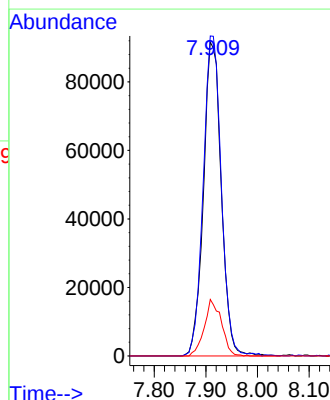
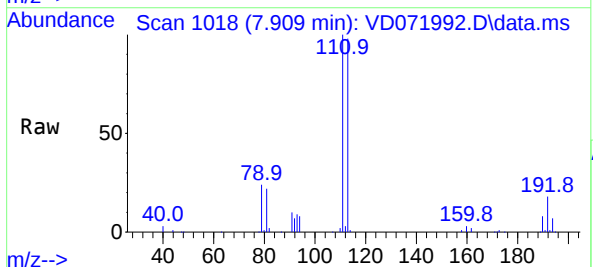
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 114 | 100   |       |       |
| 63  | 23.5  | 0.0   | 46.6  |
| 88  | 16.0  | 0.0   | 33.2  |

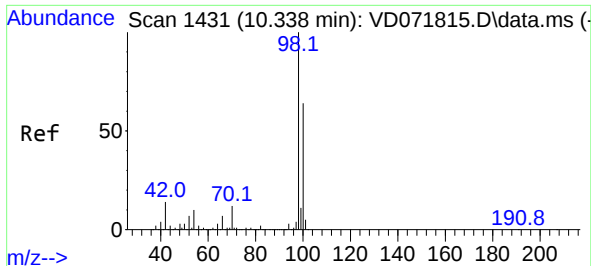


#35  
Dibromofluoromethane  
Concen: 49.109 ug/l  
RT: 7.909 min Scan# 1018  
Delta R.T. -0.006 min  
Lab File: VD071992.D  
Acq: 16 Feb 2022 15:09

Tgt Ion:113 Resp: 219691

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 111 | 102.8 | 83.8  | 125.6 |
| 192 | 17.3  | 14.6  | 21.8  |

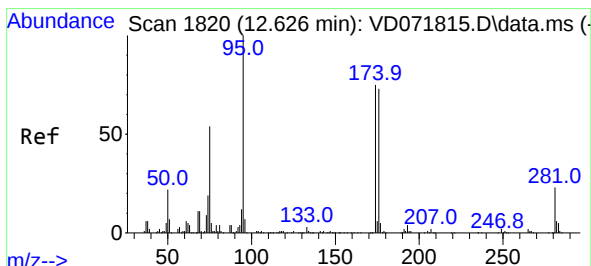
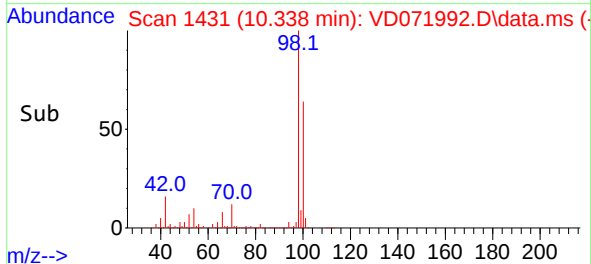
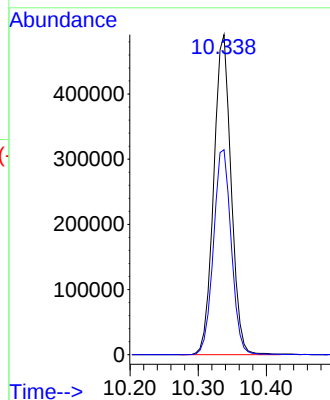
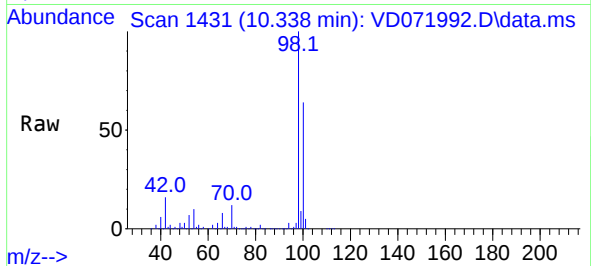




#50  
Toluene-d8  
Concen: 52.178 ug/l  
RT: 10.338 min Scan# 1431  
Delta R.T. 0.000 min  
Lab File: VD071992.D  
Acq: 16 Feb 2022 15:09

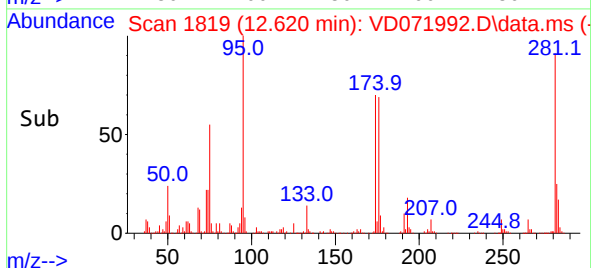
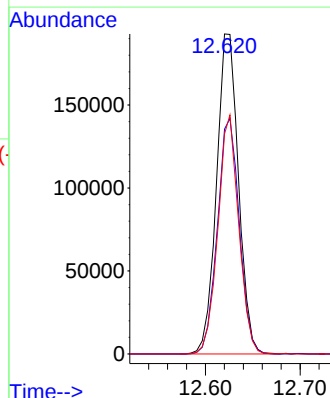
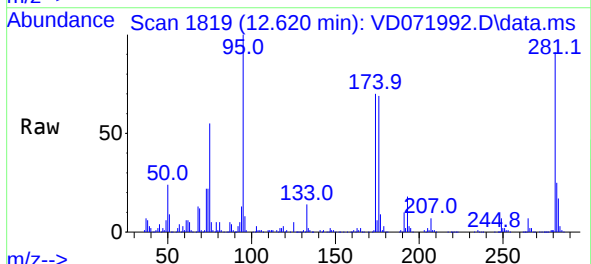
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-3(2-2.5)

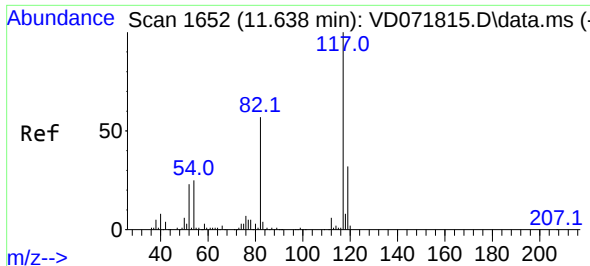
Tgt Ion: 98 Resp: 871758  
Ion Ratio Lower Upper  
98 100  
100 65.6 52.4 78.6



#62  
4-Bromofluorobenzene  
Concen: 53.303 ug/l  
RT: 12.620 min Scan# 1819  
Delta R.T. -0.006 min  
Lab File: VD071992.D  
Acq: 16 Feb 2022 15:09

Tgt Ion: 95 Resp: 310993  
Ion Ratio Lower Upper  
95 100  
174 73.5 0.0 152.8  
176 70.7 0.0 145.4

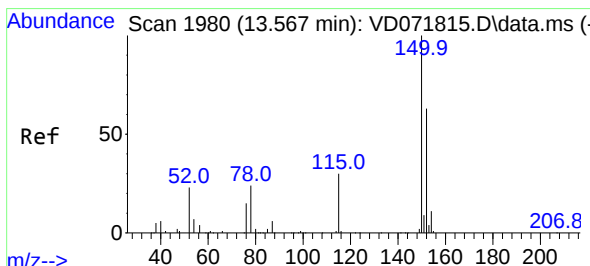
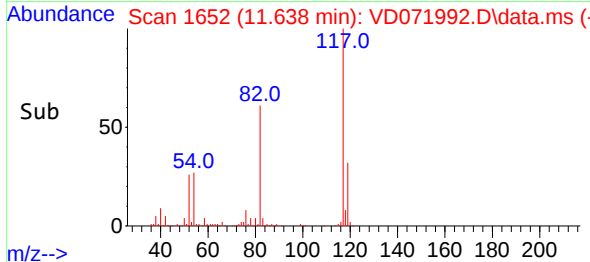
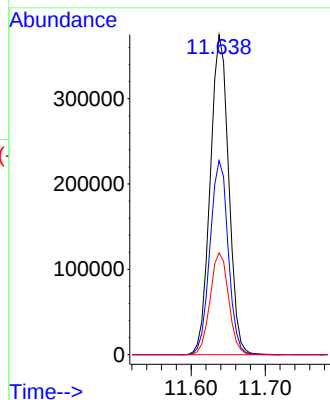
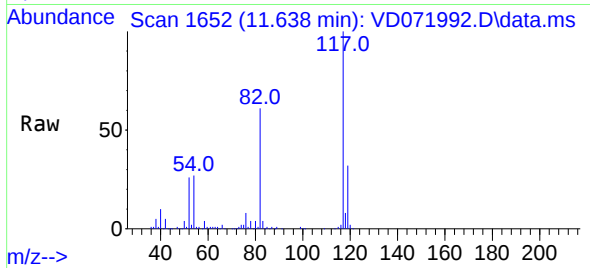




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 1170  
Delta R.T. 0.000 min  
Lab File: VD071992.D  
Acq: 16 Feb 2022 15:09

Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-3(2-2.5)

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 648036 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 60.6  | 45.3  | 67.9   |
| 119      | 31.8  | 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: VD071992.D  
Acq: 16 Feb 2022 15:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 152   | Resp: | 277076 |
| Ion      | Ratio | Lower | Upper  |
| 152      | 100   |       |        |
| 115      | 61.7  | 31.3  | 93.8   |
| 150      | 157.7 | 0.0   | 348.6  |

