

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD012221\  
 Data File : VD068148.D  
 Acq On : 22 Jan 2021 11:51  
 Operator : VA/SY  
 Sample : VD0122SBL01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0122SBL01

Quant Time: Jan 22 23:57:06 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D011921S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 19 13:19:08 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| -----                      |        |      |          |       |       |          |
| Internal Standards         |        |      |          |       |       |          |
| 1) Pentafluorobenzene      | 7.979  | 168  | 409946   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.867  | 114  | 713500   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.650 | 117  | 634099   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.579 | 152  | 277539   | 50.00 | ug/l  | 0.00     |

|                             |        |       |          |          |      |        |
|-----------------------------|--------|-------|----------|----------|------|--------|
| System Monitoring Compounds |        |       |          |          |      |        |
| 33) 1,2-Dichloroethane-d4   | 8.332  | 65    | 190606   | 48.60    | ug/l | 0.00   |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 97.20% |
| 35) Dibromofluoromethane    | 7.920  | 113   | 191500   | 48.55    | ug/l | 0.00   |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 97.10% |
| 50) Toluene-d8              | 10.344 | 98    | 744778   | 47.20    | ug/l | 0.00   |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 94.40% |
| 62) 4-Bromofluorobenzene    | 12.632 | 95    | 264629   | 46.57    | ug/l | 0.00   |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 93.14% |

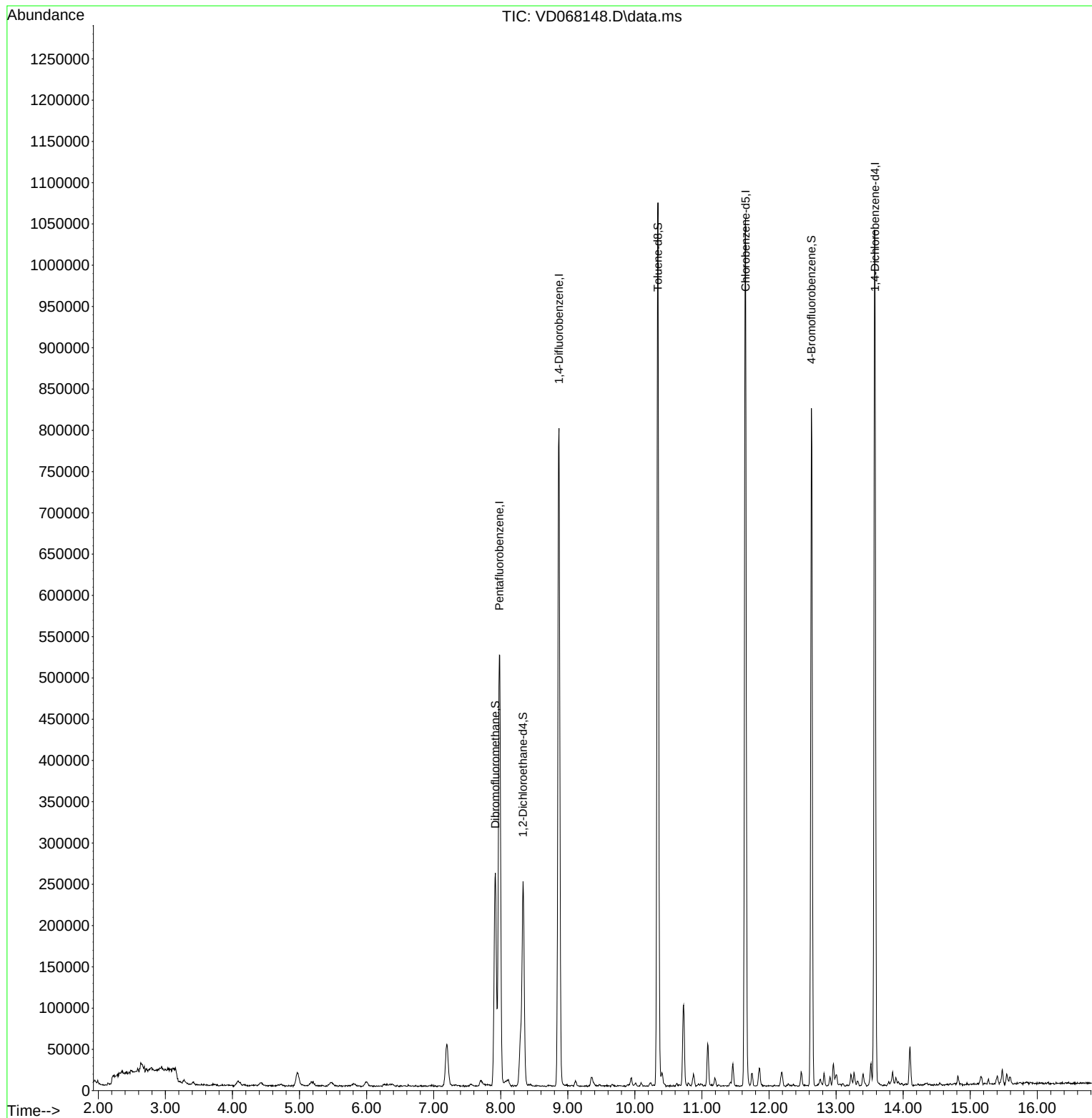
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

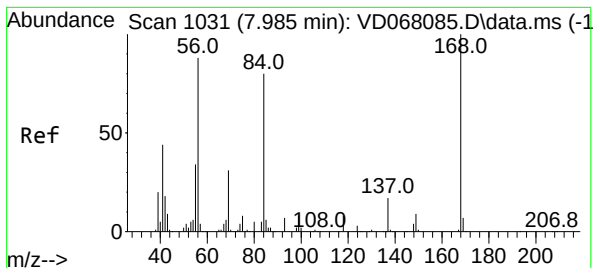
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VD0122SBL01  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0122SBL01

Quant Time: Jan 22 23:57:06 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D011921S.M  
Quant Title : SW846 8260  
QLast Update : Tue Jan 19 13:19:08 2021  
Response via : Initial Calibration

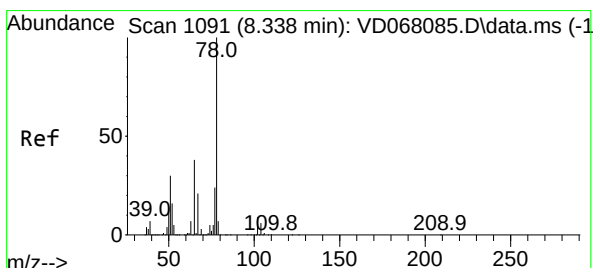
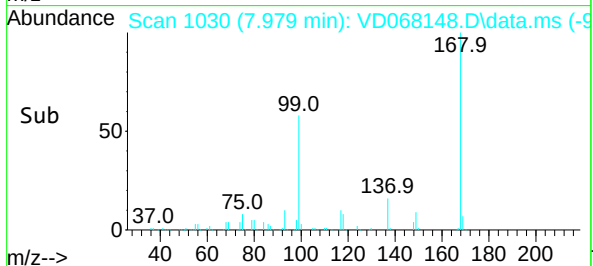
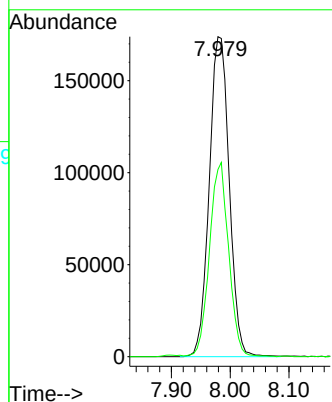
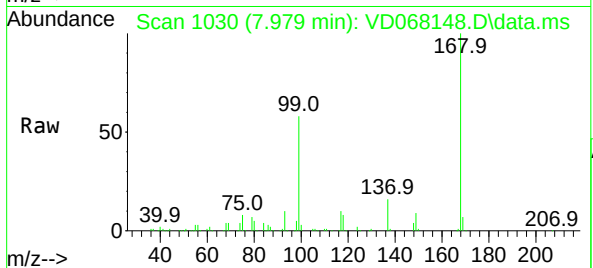




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. -0.006 min  
Lab File: VD068148.D  
Acq: 22 Jan 2021 11:51

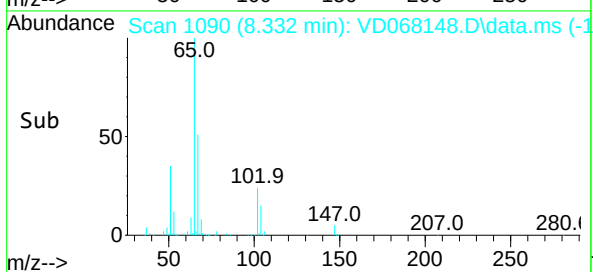
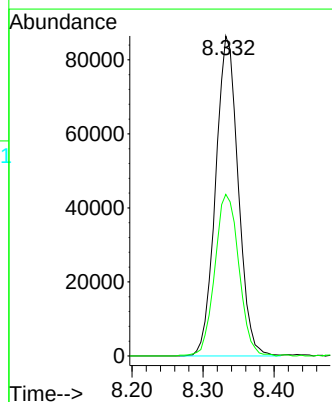
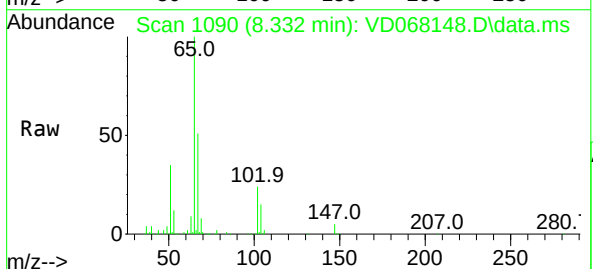
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0122SBL01

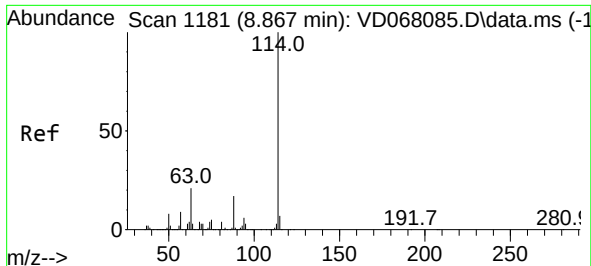
Tgt Ion:168 Resp: 409946  
Ion Ratio Lower Upper  
168 100  
99 58.3 43.5 65.3



#33  
1,2-Dichloroethane-d4  
Concen: 48.60 ug/l  
RT: 8.332 min Scan# 1090  
Delta R.T. -0.006 min  
Lab File: VD068148.D  
Acq: 22 Jan 2021 11:51

Tgt Ion: 65 Resp: 190606  
Ion Ratio Lower Upper  
65 100  
67 54.0 0.0 105.0

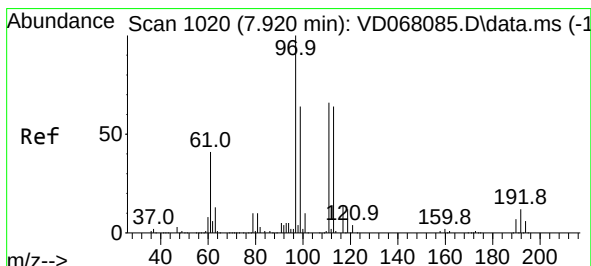
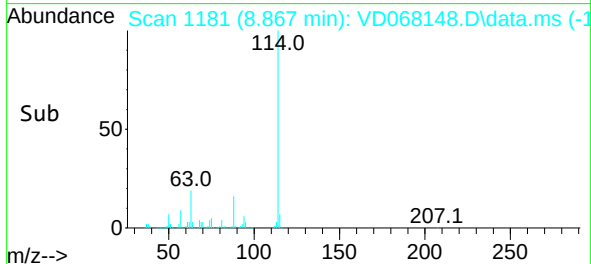
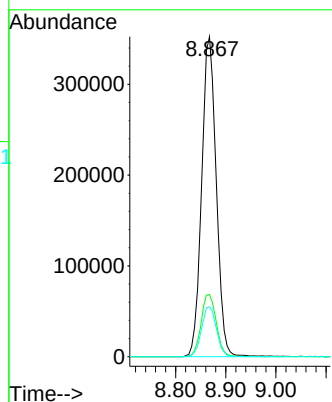
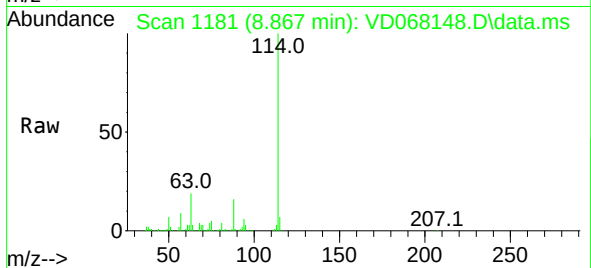




#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.867 min Scan# 1181  
Delta R.T. 0.000 min  
Lab File: VD068148.D  
Acq: 22 Jan 2021 11:51

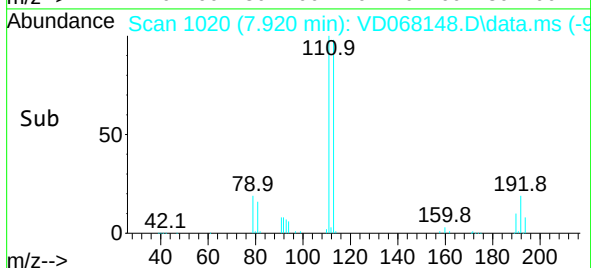
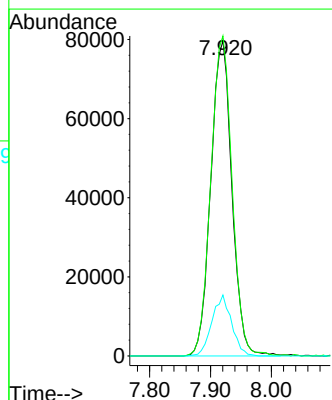
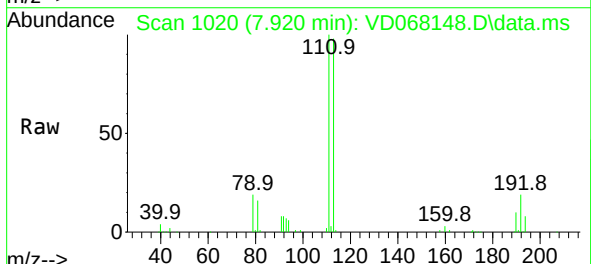
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0122SBL01

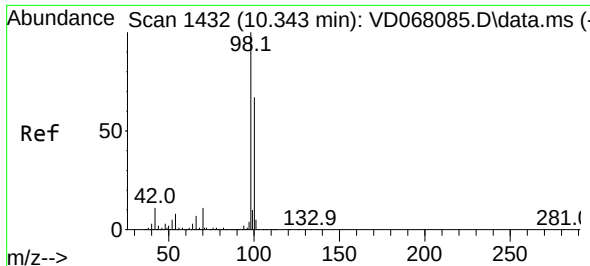
Tgt Ion:114 Resp: 713500  
Ion Ratio Lower Upper  
114 100  
63 19.4 0.0 34.8  
88 15.6 0.0 31.6



#35  
Dibromofluoromethane  
Concen: 48.55 ug/l  
RT: 7.920 min Scan# 1020  
Delta R.T. 0.000 min  
Lab File: VD068148.D  
Acq: 22 Jan 2021 11:51

Tgt Ion:113 Resp: 191500  
Ion Ratio Lower Upper  
113 100  
111 102.4 81.4 122.0  
192 18.1 16.1 24.1

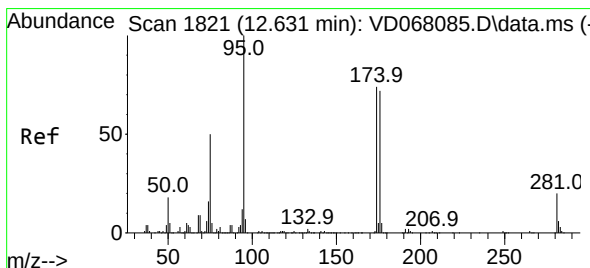
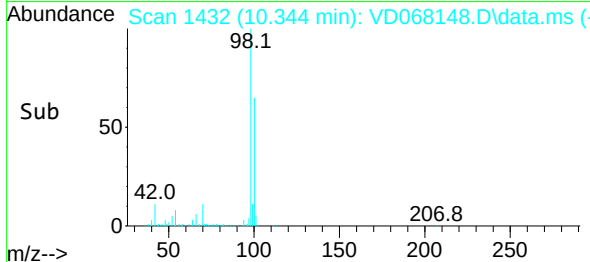
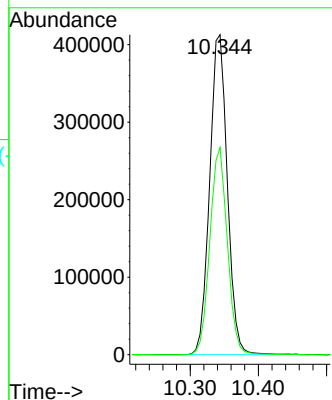
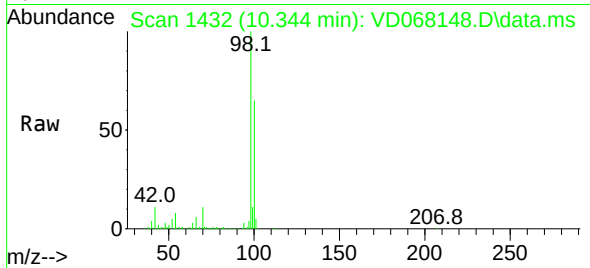




#50  
Toluene-d8  
Concen: 47.20 ug/l  
RT: 10.344 min Scan# 1432  
Delta R.T. 0.000 min  
Lab File: VD068148.D  
Acq: 22 Jan 2021 11:51

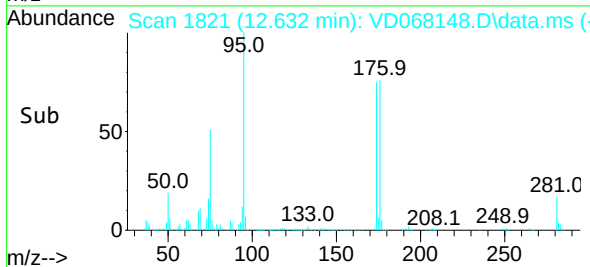
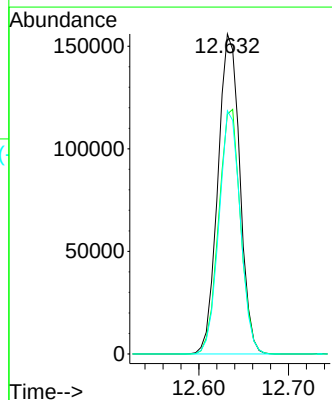
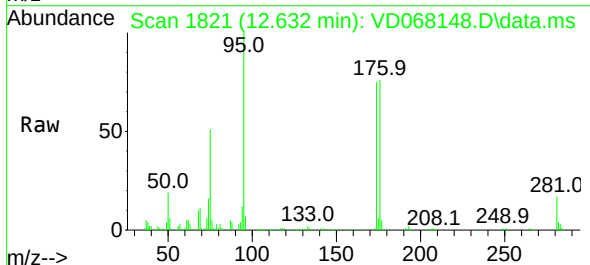
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0122SBL01

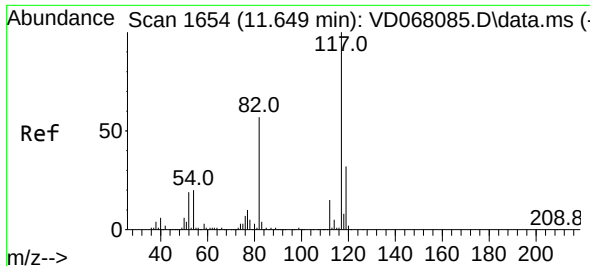
Tgt Ion: 98 Resp: 744778  
Ion Ratio Lower Upper  
98 100  
100 64.2 53.0 79.4



#62  
4-Bromofluorobenzene  
Concen: 46.57 ug/l  
RT: 12.632 min Scan# 1821  
Delta R.T. 0.000 min  
Lab File: VD068148.D  
Acq: 22 Jan 2021 11:51

Tgt Ion: 95 Resp: 264629  
Ion Ratio Lower Upper  
95 100  
174 76.0 0.0 172.4  
176 73.9 0.0 168.4

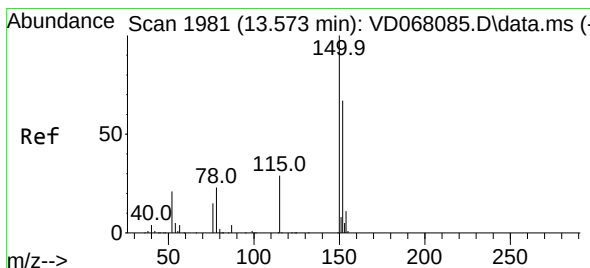
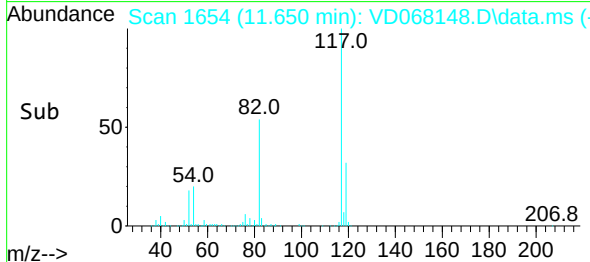
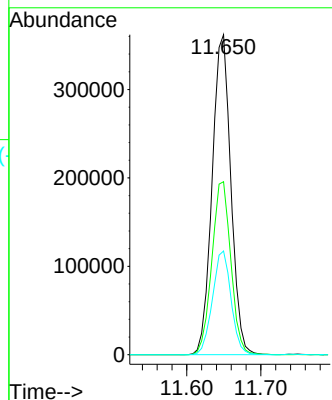
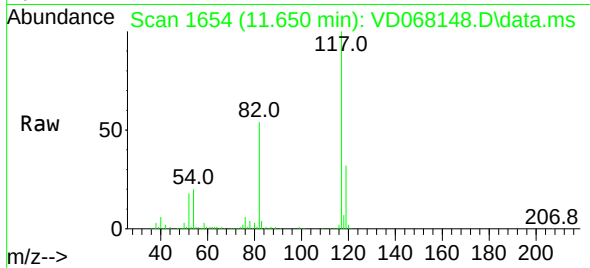




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.650 min Scan# 1654  
Delta R.T. 0.001 min  
Lab File: VD068148.D  
Acq: 22 Jan 2021 11:51

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0122SBL01

Tgt Ion:117 Resp: 634099  
Ion Ratio Lower Upper  
117 100  
82 54.0 41.4 62.0  
119 32.4 26.1 39.1



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.579 min Scan# 1982  
Delta R.T. 0.006 min  
Lab File: VD068148.D  
Acq: 22 Jan 2021 11:51

Tgt Ion:152 Resp: 277539  
Ion Ratio Lower Upper  
152 100  
115 61.8 28.9 86.8  
150 160.3 0.0 344.4

