

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD082021\  
 Data File : VD070196.D  
 Acq On : 20 Aug 2021 12:00  
 Operator : VA/SY  
 Sample : VD0820SBL01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0820SBL01

Quant Time: Aug 23 03:51:04 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D081321S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Aug 14 02:33:51 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.973  | 168  | 579926   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.861  | 114  | 1124071  | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.638 | 117  | 1086177  | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.567 | 152  | 468601   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.326  | 65    | 366485   | 53.730   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 107.460% |
| 35) Dibromofluoromethane    | 7.914  | 113   | 365038   | 50.265   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 100.540% |
| 50) Toluene-d8              | 10.338 | 98    | 1438017  | 50.910   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 101.820% |
| 62) 4-Bromofluorobenzene    | 12.626 | 95    | 477925   | 51.370   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 102.740% |

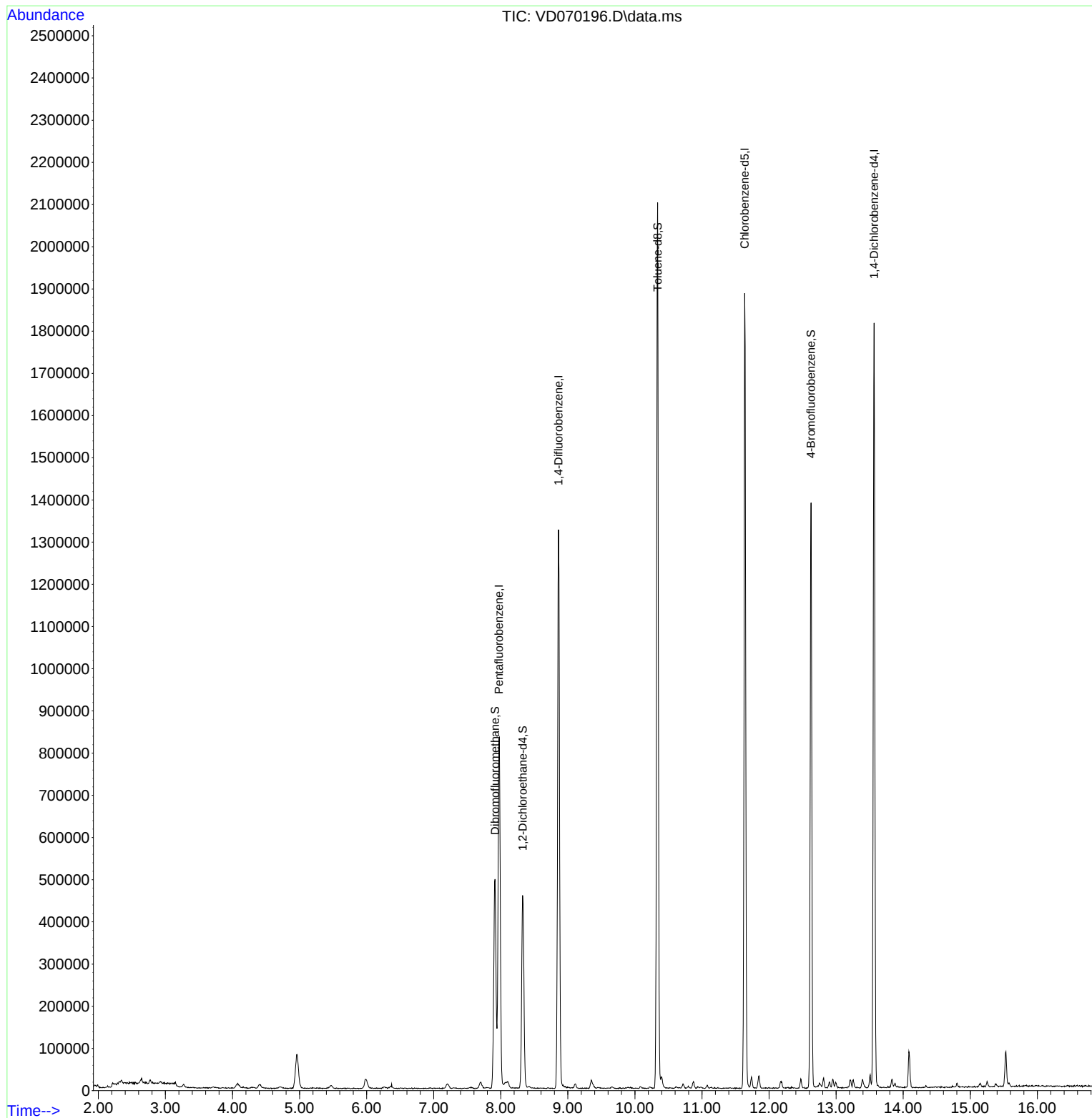
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

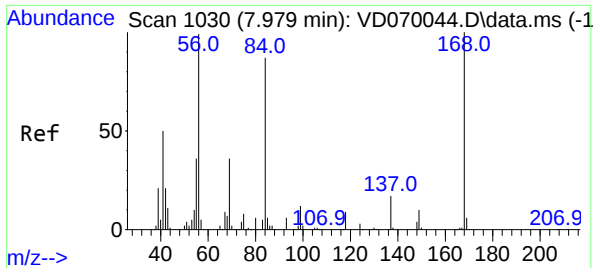
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VD0820SBL01  
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ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0820SBL01

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D081321S.M  
Quant Title : SW846 8260  
QLast Update : Sat Aug 14 02:33:51 2021  
Response via : Initial Calibration

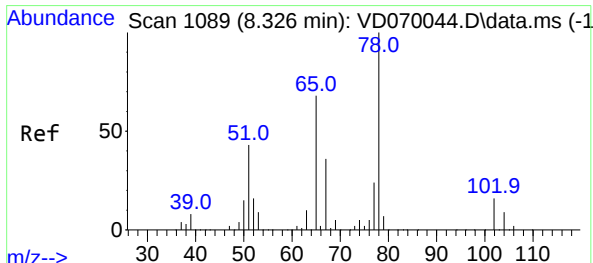
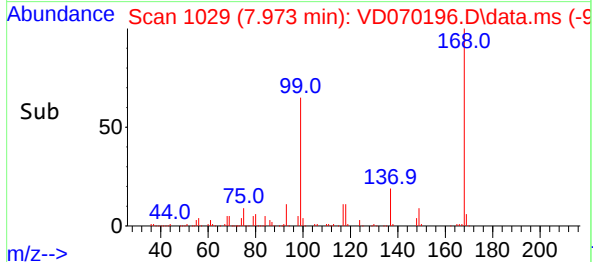
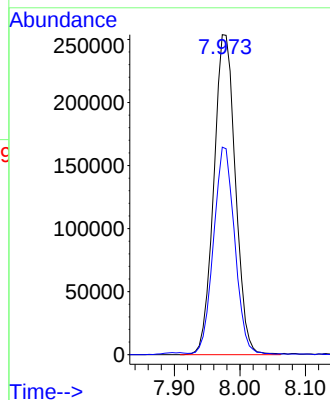
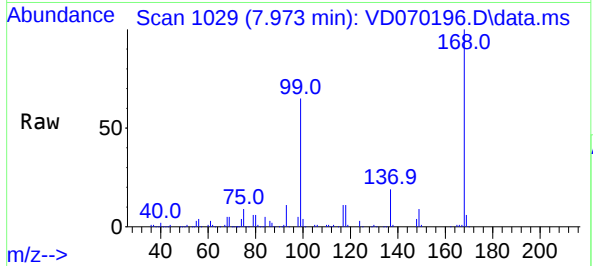




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.973 min Scan# 1029  
Delta R.T. -0.006 min  
Lab File: VD070196.D  
Acq: 20 Aug 2021 12:00

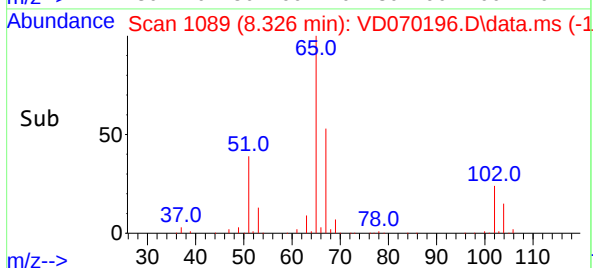
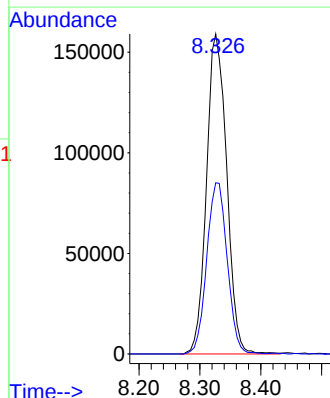
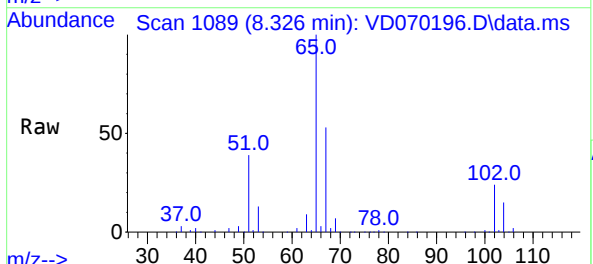
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0820SBL01

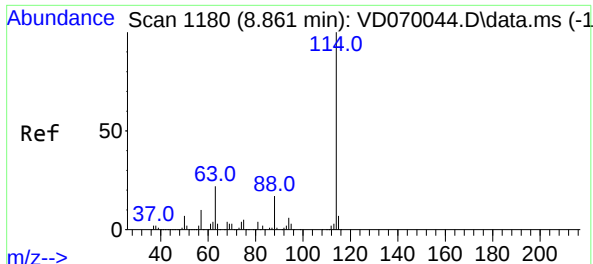
Tgt Ion:168 Resp: 579926  
Ion Ratio Lower Upper  
168 100  
99 64.5 50.3 75.5



#33  
1,2-Dichloroethane-d4  
Concen: 53.730 ug/l  
RT: 8.326 min Scan# 1089  
Delta R.T. -0.000 min  
Lab File: VD070196.D  
Acq: 20 Aug 2021 12:00

Tgt Ion: 65 Resp: 366485  
Ion Ratio Lower Upper  
65 100  
67 54.3 0.0 107.8



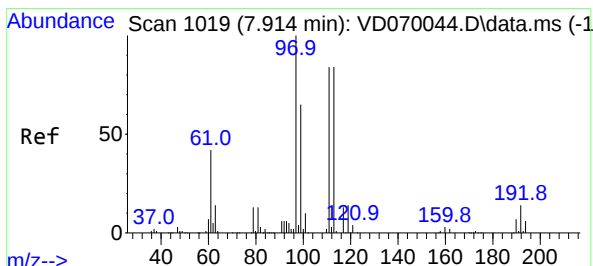
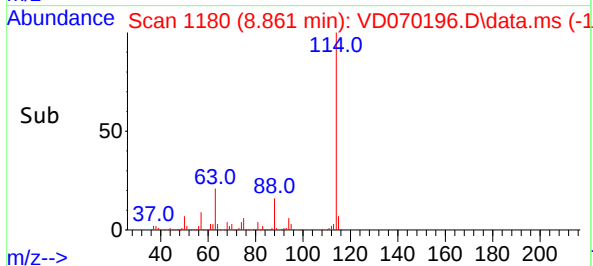
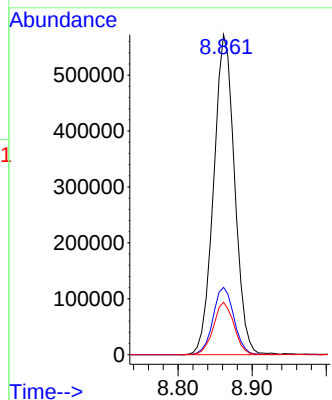
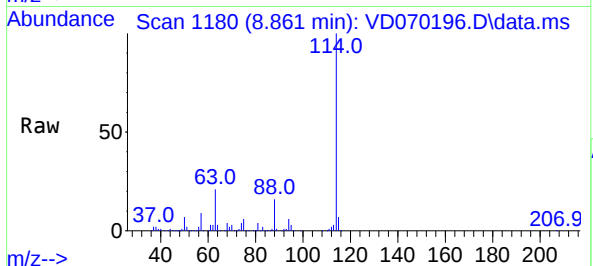


#34

1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.861 min Scan# 1180  
Delta R.T. -0.000 min  
Lab File: VD070196.D  
Acq: 20 Aug 2021 12:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0820SBL01

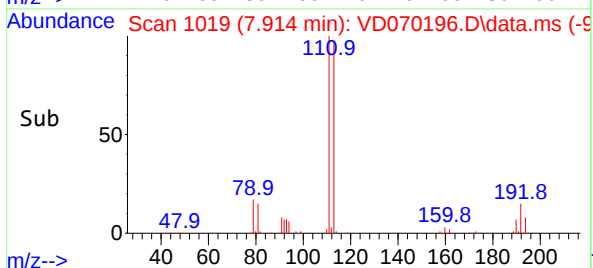
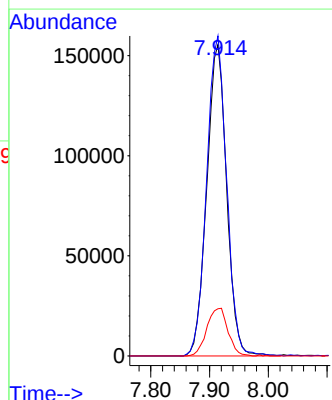
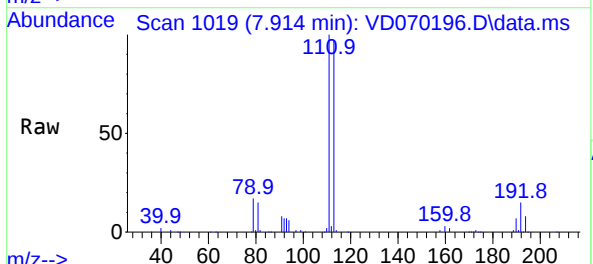
Tgt Ion:114 Resp: 1124071  
Ion Ratio Lower Upper  
114 100  
63 21.0 0.0 43.6  
88 16.4 0.0 33.4

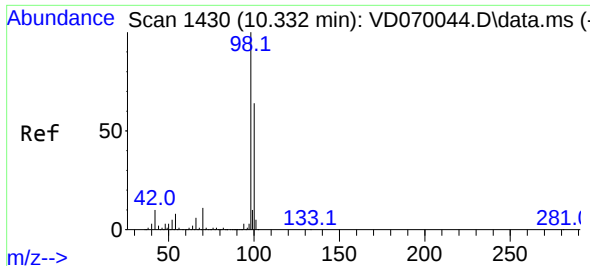


#35

Dibromofluoromethane  
Concen: 50.265 ug/l  
RT: 7.914 min Scan# 1019  
Delta R.T. -0.000 min  
Lab File: VD070196.D  
Acq: 20 Aug 2021 12:00

Tgt Ion:113 Resp: 365038  
Ion Ratio Lower Upper  
113 100  
111 103.4 81.8 122.6  
192 16.2 13.2 19.8

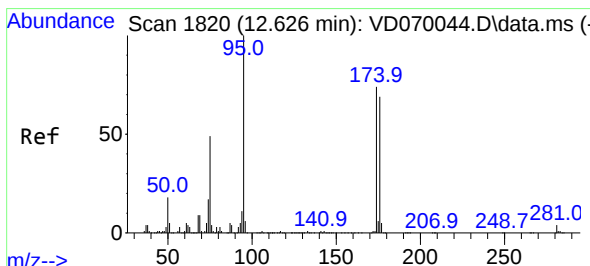
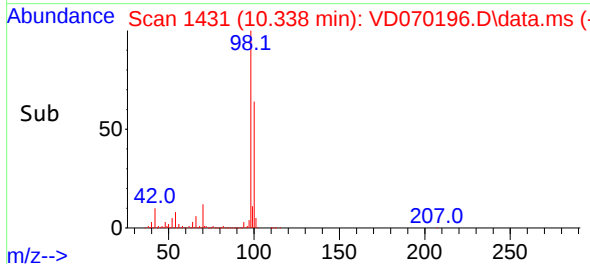
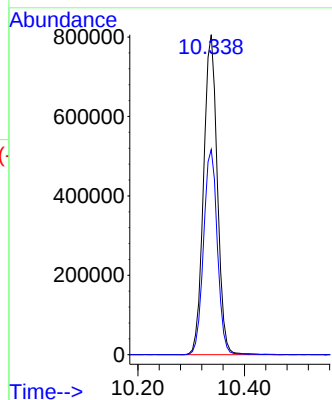
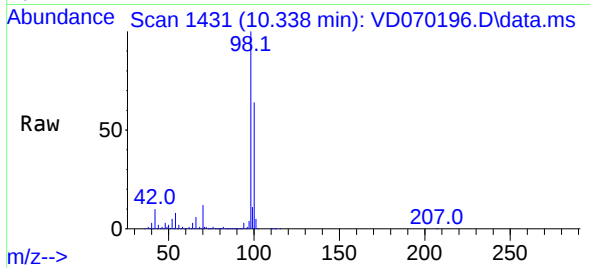




#50  
Toluene-d8  
Concen: 50.910 ug/l  
RT: 10.338 min Scan# 1431  
Delta R.T. 0.006 min  
Lab File: VD070196.D  
Acq: 20 Aug 2021 12:00

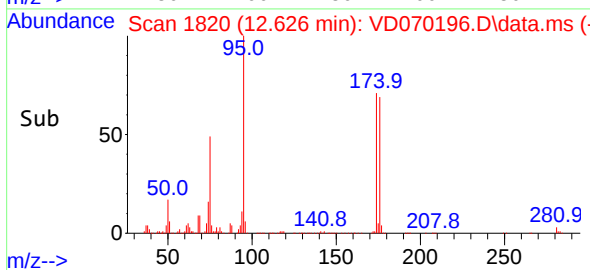
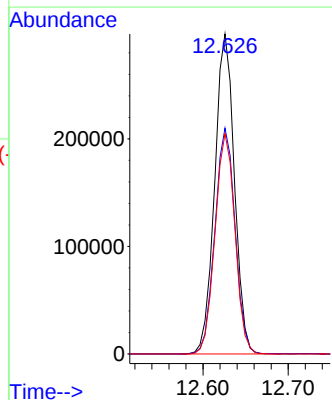
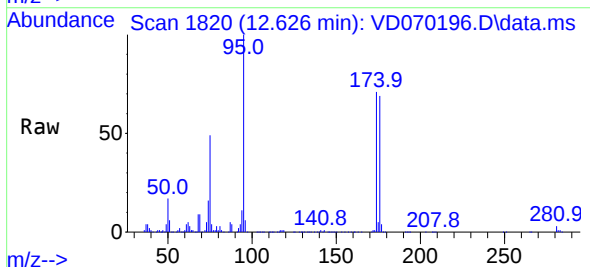
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0820SBL01

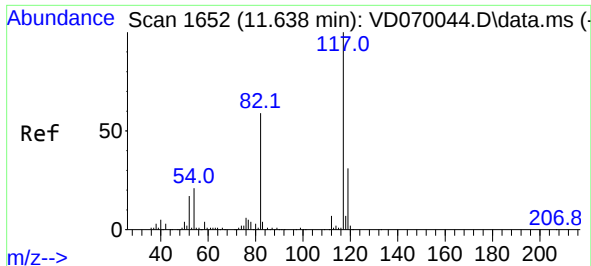
Tgt Ion: 98 Resp: 1438017  
Ion Ratio Lower Upper  
98 100  
100 64.2 52.6 78.8



#62  
4-Bromofluorobenzene  
Concen: 51.370 ug/l  
RT: 12.626 min Scan# 1820  
Delta R.T. -0.000 min  
Lab File: VD070196.D  
Acq: 20 Aug 2021 12:00

Tgt Ion: 95 Resp: 477925  
Ion Ratio Lower Upper  
95 100  
174 72.5 0.0 141.6  
176 69.4 0.0 138.2

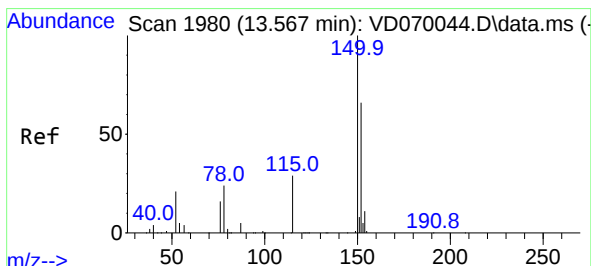
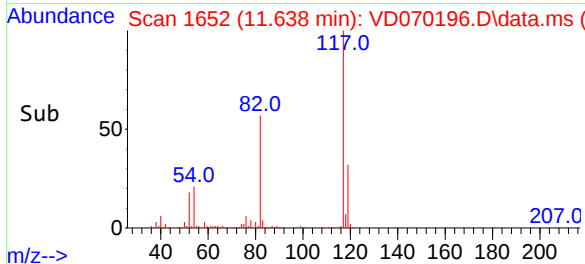
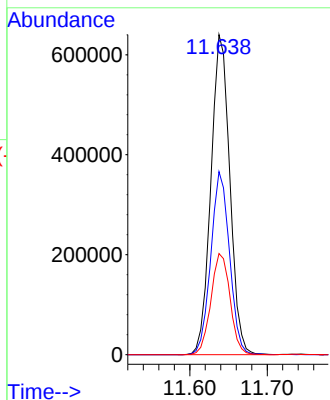
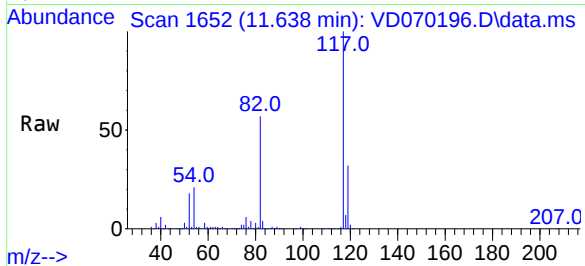




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 1652  
Delta R.T. -0.000 min  
Lab File: VD070196.D  
Acq: 20 Aug 2021 12:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0820SBL01

Tgt Ion:117 Resp: 1086177  
Ion Ratio Lower Upper  
117 100  
82 57.2 47.5 71.3  
119 31.6 25.1 37.7



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.567 min Scan# 1980  
Delta R.T. -0.000 min  
Lab File: VD070196.D  
Acq: 20 Aug 2021 12:00

Tgt Ion:152 Resp: 468601  
Ion Ratio Lower Upper  
152 100  
115 62.0 31.2 93.6  
150 157.6 0.0 352.0

