

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD051921\  
 Data File : VD069206.D  
 Acq On : 19 May 2021 19:48  
 Operator : VA/SY  
 Sample : M2462-01  
 Misc : 7.10G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 WATER-MAIN-BREAK-SOIL

Quant Time: May 20 01:04:00 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D051221S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 13 04:01:29 2021  
 Response via : Initial Calibration

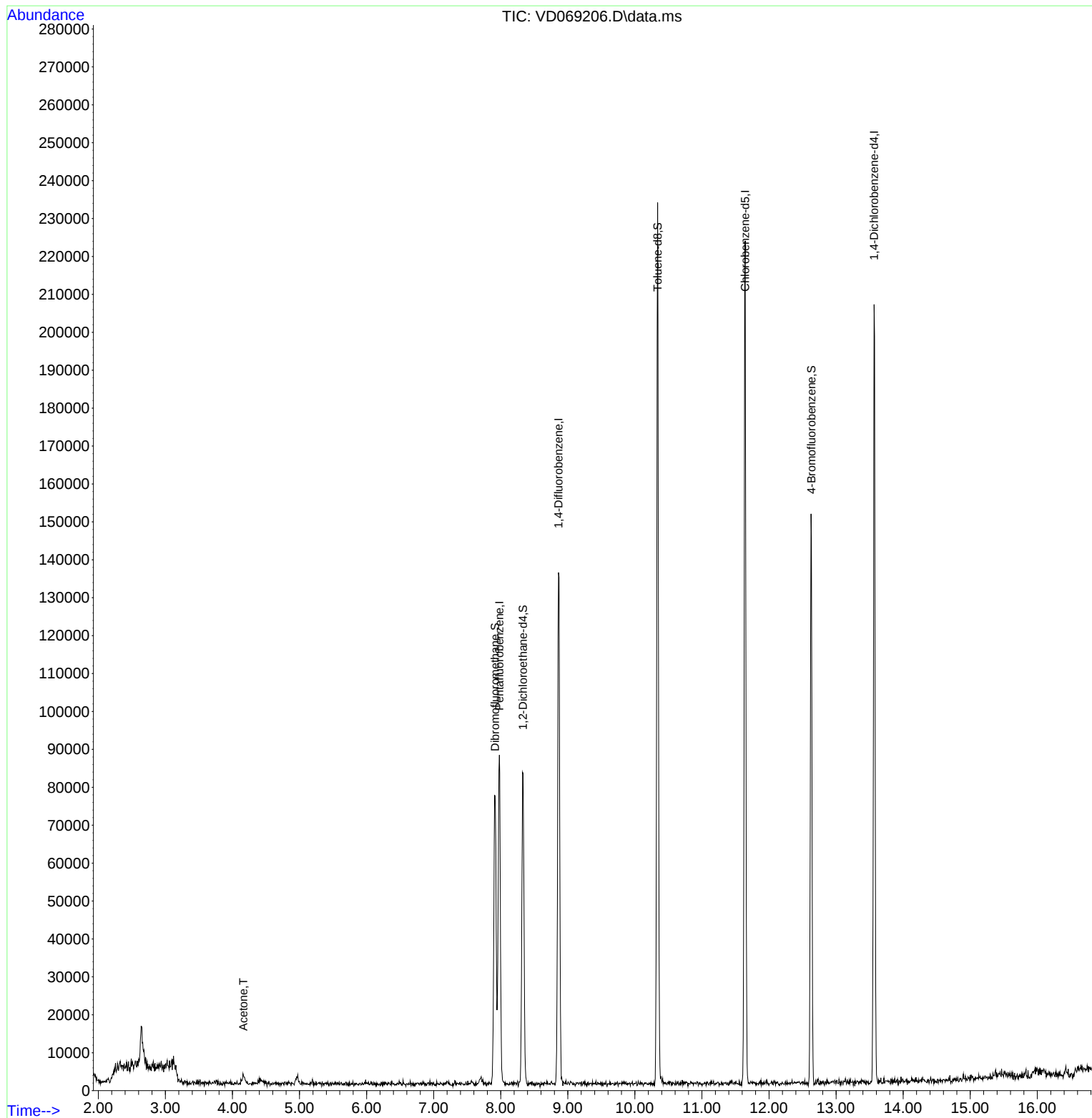
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)    |
|-----------------------------|--------|-------|----------|----------|-------|-------------|
| -----                       |        |       |          |          |       |             |
| Internal Standards          |        |       |          |          |       |             |
| 1) Pentafluorobenzene       | 7.979  | 168   | 64831    | 50.00    | ug/l  | 0.00        |
| 34) 1,4-Difluorobenzene     | 8.861  | 114   | 121496   | 50.00    | ug/l  | 0.00        |
| 63) Chlorobenzene-d5        | 11.644 | 117   | 128384   | 50.00    | ug/l  | 0.00        |
| 72) 1,4-Dichlorobenzene-d4  | 13.567 | 152   | 55689    | 50.00    | ug/l  | 0.00        |
| System Monitoring Compounds |        |       |          |          |       |             |
| 33) 1,2-Dichloroethane-d4   | 8.332  | 65    | 64973    | 99.97    | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 199.94%#    |
| 35) Dibromofluoromethane    | 7.914  | 113   | 57630    | 72.89    | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 145.78%     |
| 50) Toluene-d8              | 10.338 | 98    | 158239   | 54.47    | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =     | 108.94%     |
| 62) 4-Bromofluorobenzene    | 12.632 | 95    | 49071    | 52.49    | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =     | 104.98%     |
| Target Compounds            |        |       |          |          |       |             |
| 16) Acetone                 | 4.162  | 43    | 4428     | 44.48    | ug/l  | Qvalue # 75 |
| -----                       |        |       |          |          |       |             |

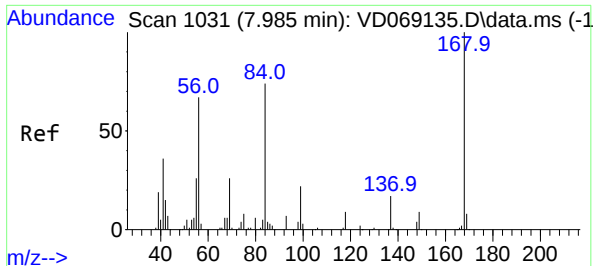
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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WATER-MAIN-BREAK-SOIL

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QLast Update : Thu May 13 04:01:29 2021  
Response via : Initial Calibration

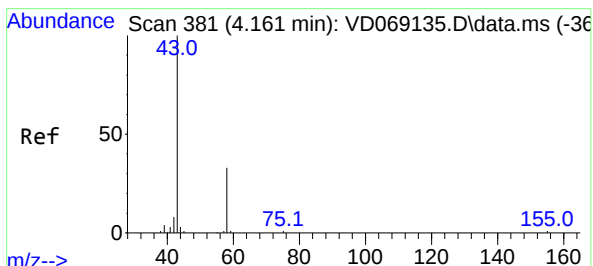
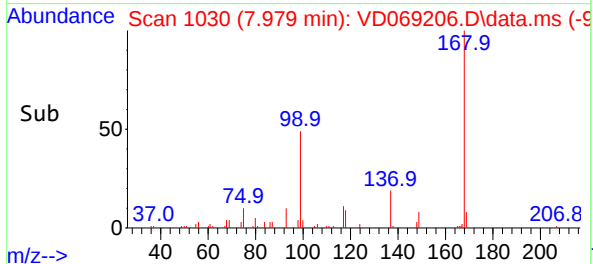
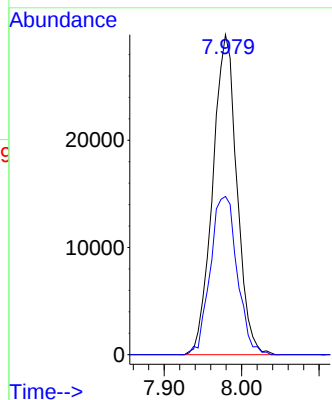
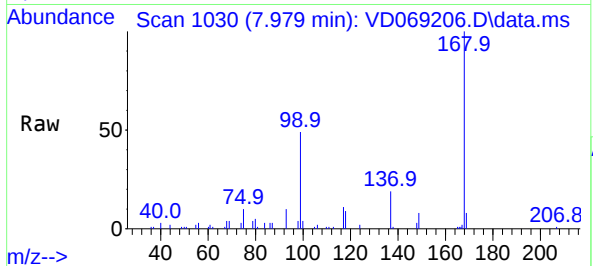




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. -0.006 min  
Lab File: VD069206.D  
Acq: 19 May 2021 19:48

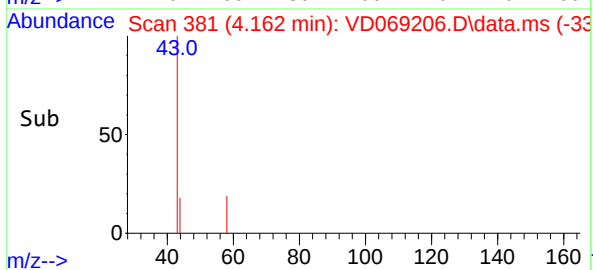
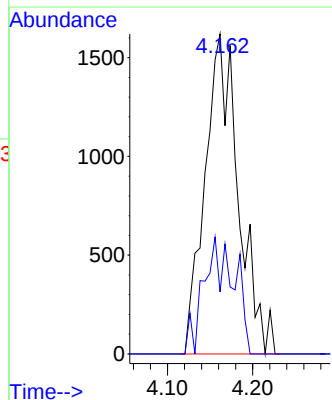
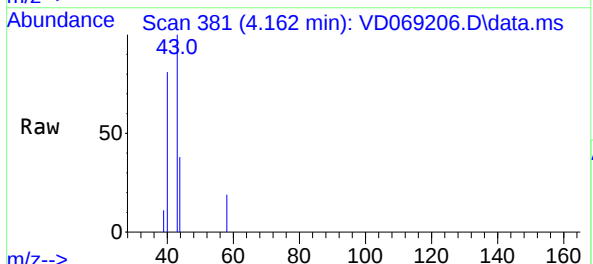
Instrument :  
MSVOA\_D  
ClientSampleId :  
WATER-MAIN-BREAK-SOIL

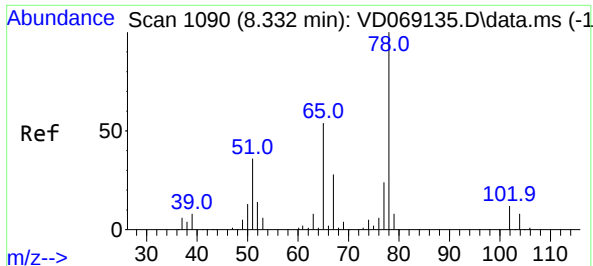
Tgt Ion:168 Resp: 64831  
Ion Ratio Lower Upper  
168 100  
99 49.5 47.2 70.8



#16  
Acetone  
Concen: 44.48 ug/l  
RT: 4.162 min Scan# 381  
Delta R.T. 0.000 min  
Lab File: VD069206.D  
Acq: 19 May 2021 19:48

Tgt Ion: 43 Resp: 4428  
Ion Ratio Lower Upper  
43 100  
58 19.4 26.7 40.1#

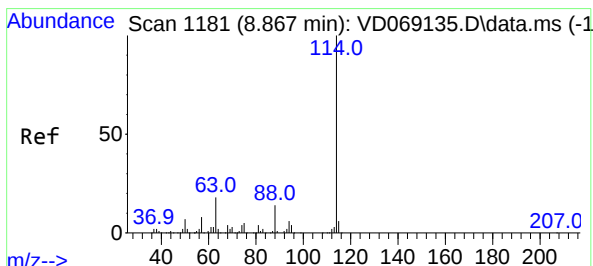
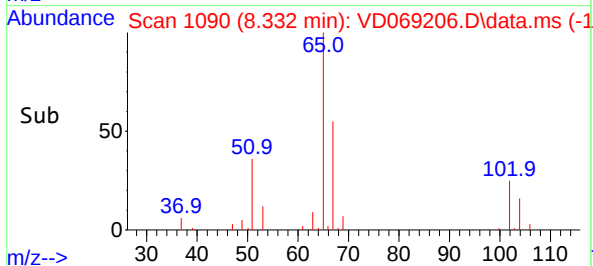
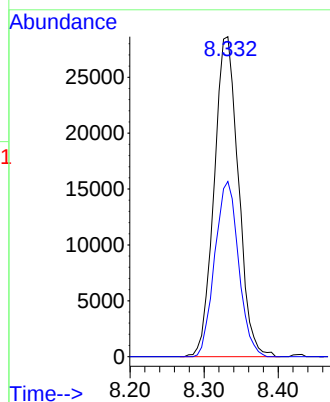
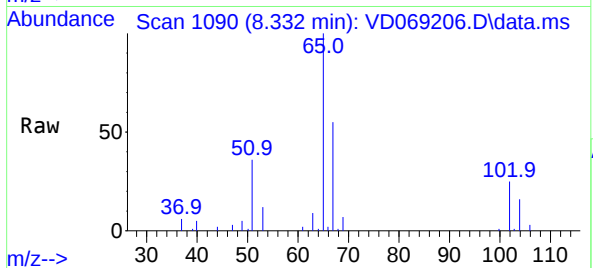




#33  
1,2-Dichloroethane-d4  
Concen: 99.97 ug/l  
RT: 8.332 min Scan# 1090  
Delta R.T. 0.000 min  
Lab File: VD069206.D  
Acq: 19 May 2021 19:48

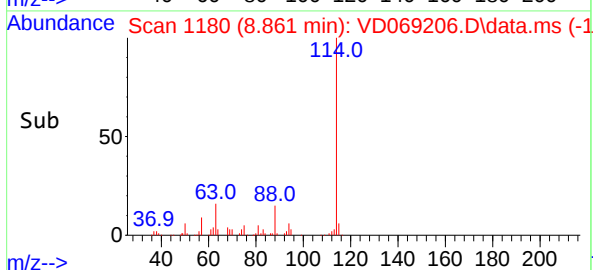
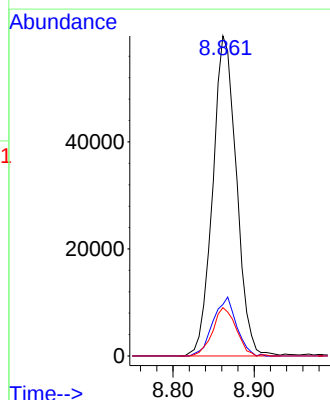
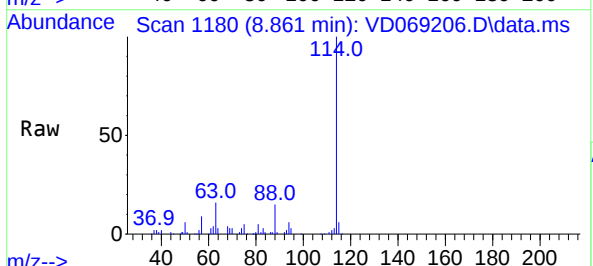
Instrument :  
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WATER-MAIN-BREAK-SOIL

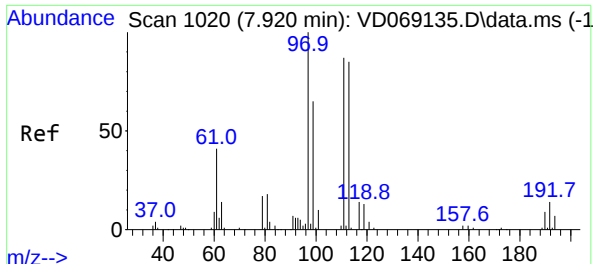
Tgt Ion: 65 Resp: 64973  
Ion Ratio Lower Upper  
65 100  
67 53.8 0.0 108.0



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.861 min Scan# 1180  
Delta R.T. -0.005 min  
Lab File: VD069206.D  
Acq: 19 May 2021 19:48

Tgt Ion: 114 Resp: 121496  
Ion Ratio Lower Upper  
114 100  
63 16.1 0.0 36.4  
88 15.1 0.0 28.2





#35

Dibromofluoromethane

Concen: 72.89 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.005 min

Lab File: VD069206.D

Acq: 19 May 2021 19:48

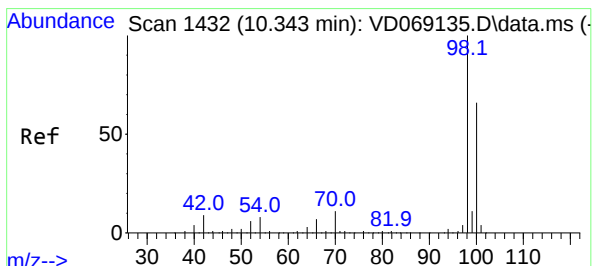
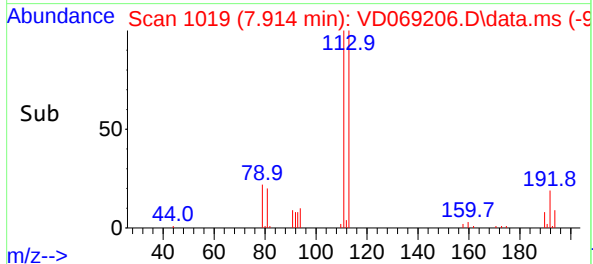
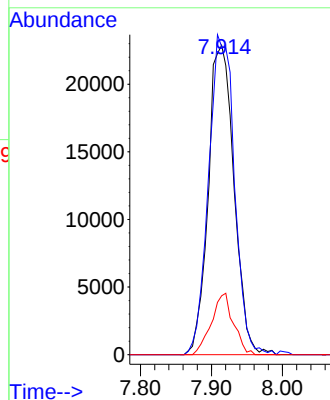
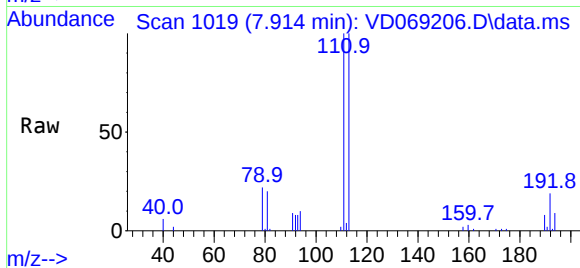
Tgt Ion:113 Resp: 57630

Ion Ratio Lower Upper

113 100

111 103.8 80.6 120.8

192 16.9 14.8 22.2



#50

Toluene-d8

Concen: 54.47 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.005 min

Lab File: VD069206.D

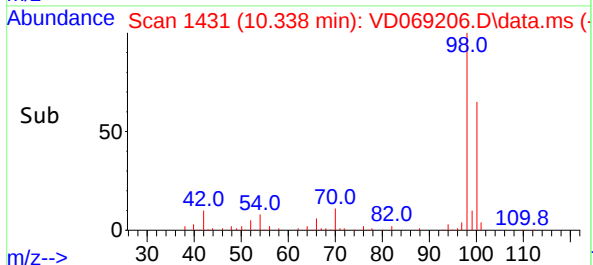
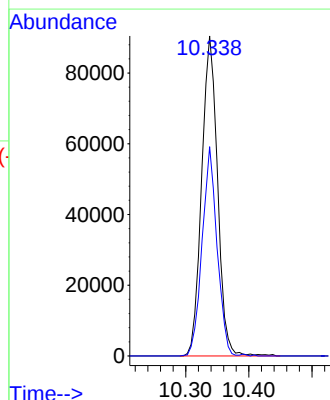
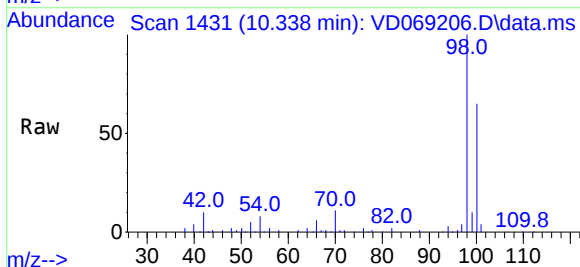
Acq: 19 May 2021 19:48

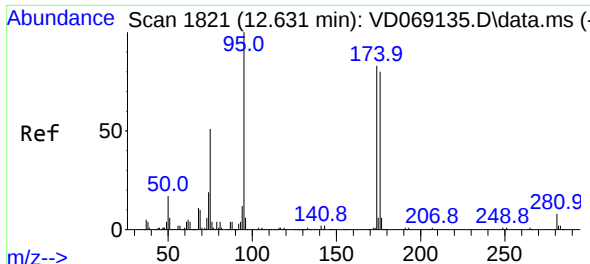
Tgt Ion: 98 Resp: 158239

Ion Ratio Lower Upper

98 100

100 61.6 51.8 77.8



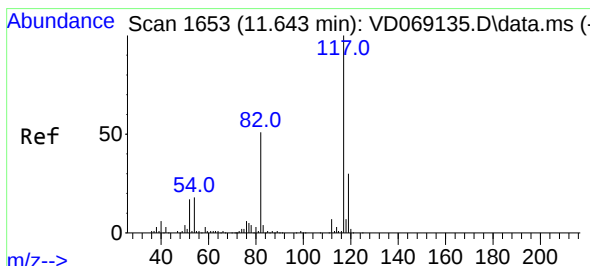
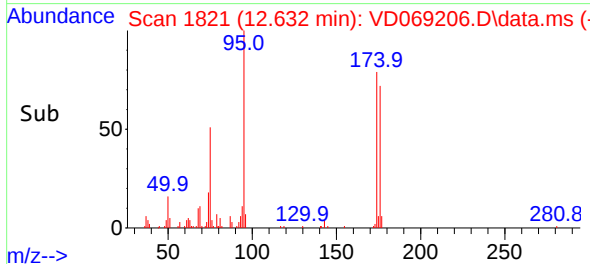
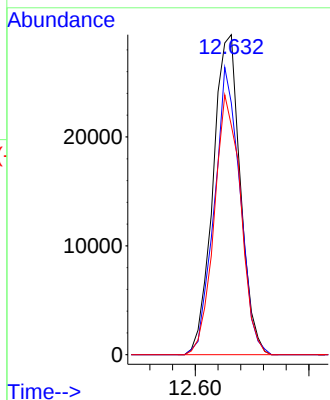
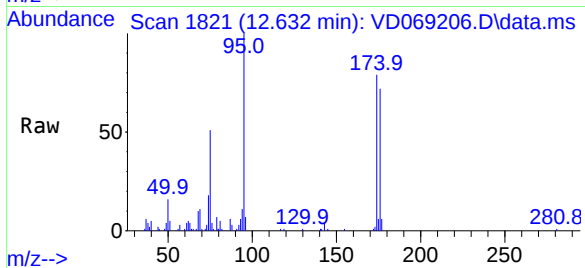


#62  
4-Bromofluorobenzene  
Concen: 52.49 ug/l  
RT: 12.632 min Scan# 1821  
Delta R.T. 0.000 min  
Lab File: VD069206.D  
Acq: 19 May 2021 19:48

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Tgt Ion: 95 Resp: 49071

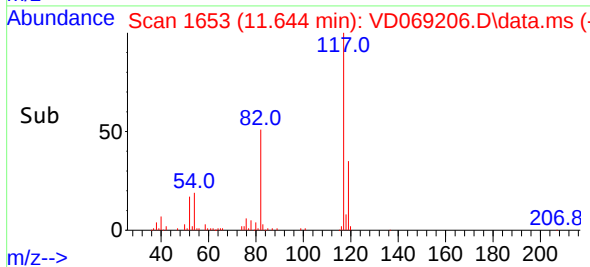
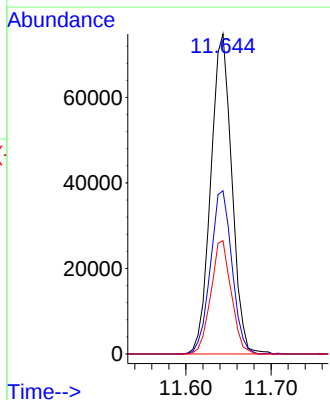
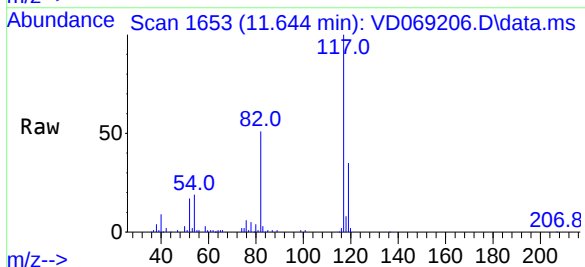
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 174 | 84.6  | 0.0   | 171.8 |
| 176 | 78.8  | 0.0   | 165.4 |

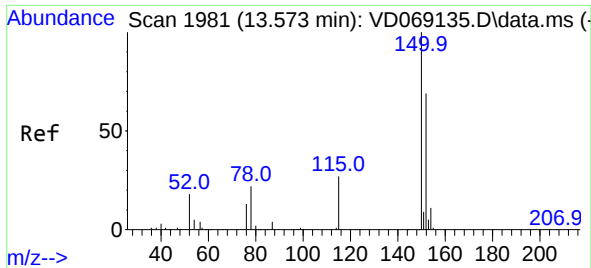


#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.644 min Scan# 1653  
Delta R.T. 0.000 min  
Lab File: VD069206.D  
Acq: 19 May 2021 19:48

Tgt Ion: 117 Resp: 128384

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 82  | 51.0  | 40.5  | 60.7  |
| 119 | 35.4  | 24.2  | 36.4  |





#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.567 min Scan# 1980  
Delta R.T. -0.005 min  
Lab File: VD069206.D  
Acq: 19 May 2021 19:48

Instrument :  
MSVOA\_D  
ClientSampleId :  
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Tgt Ion:152 Resp: 55689  
Ion Ratio Lower Upper  
152 100  
115 54.9 29.9 89.8  
150 154.9 0.0 350.2

