

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD012722\  
 Data File : VD071809.D  
 Acq On : 27 Jan 2022 18:41  
 Operator : VA/SY  
 Sample : N1319-01  
 Misc : 10.74G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 MH-1S

Quant Time: Jan 28 07:23:10 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

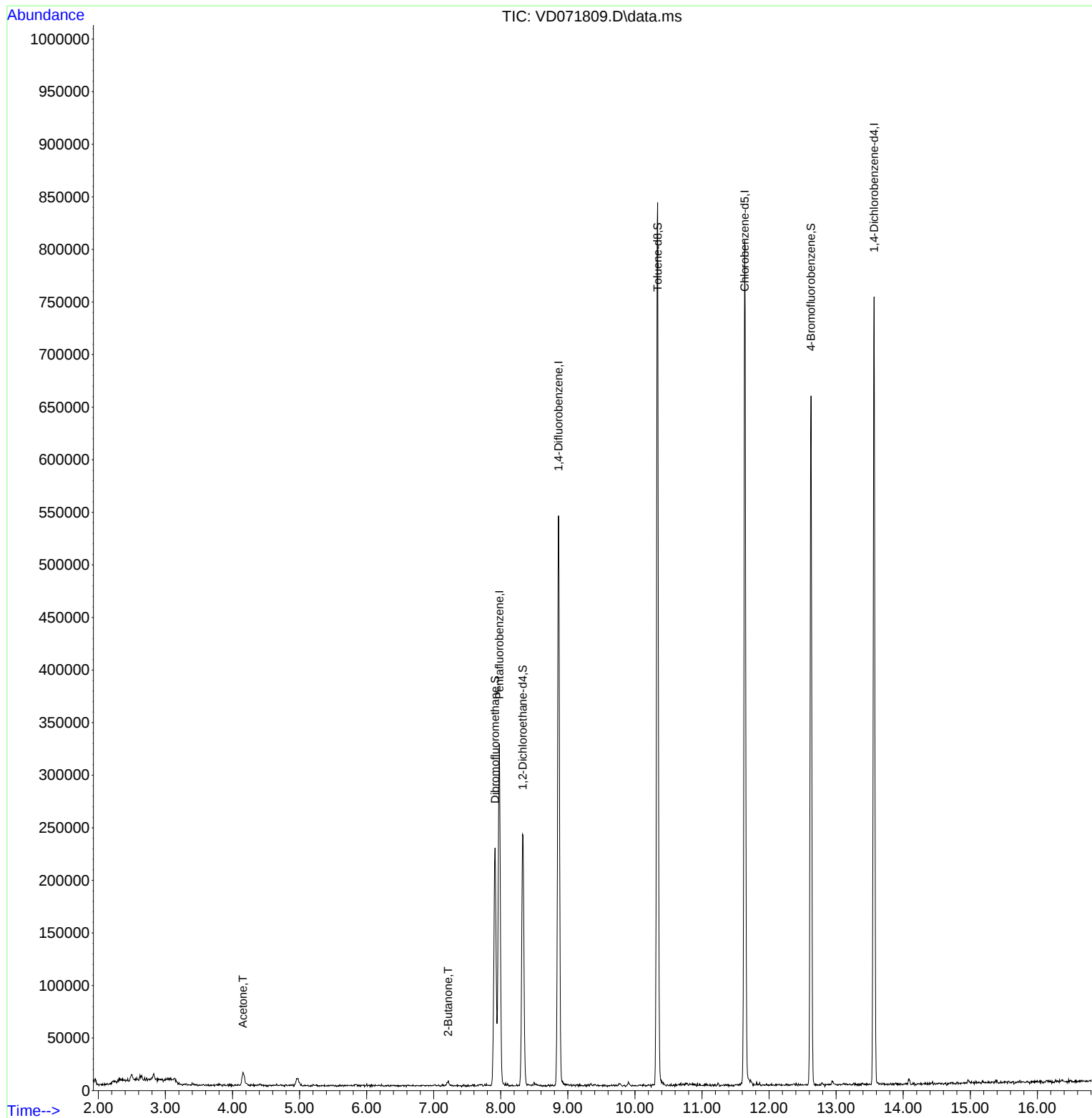
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 7.979  | 168   | 218330   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.861  | 114   | 427884   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.638 | 117   | 432673   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.567 | 152   | 185262   | 50.000   | ug/l   | 0.00     |
|                             |        |       |          |          |        |          |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.326  | 65    | 198148   | 71.804   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =      | 143.600% |
| 35) Dibromofluoromethane    | 7.914  | 113   | 157606   | 56.036   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =      | 112.080% |
| 50) Toluene-d8              | 10.338 | 98    | 544293   | 51.817   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =      | 103.640% |
| 62) 4-Bromofluorobenzene    | 12.626 | 95    | 187195   | 51.032   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =      | 102.060% |
|                             |        |       |          |          |        |          |
| Target Compounds            |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 4.156  | 43    | 22949    | 30.380   | ug/l # | 88       |
| 25) 2-Butanone              | 7.214  | 43    | 5028     | 5.709    | ug/l # | 77       |
| -----                       |        |       |          |          |        |          |

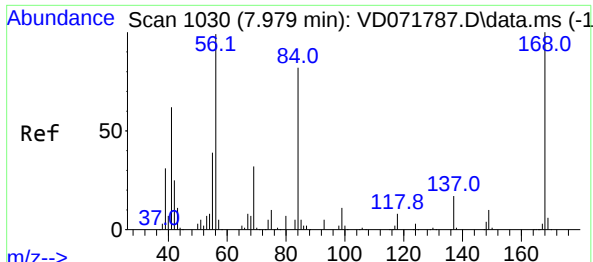
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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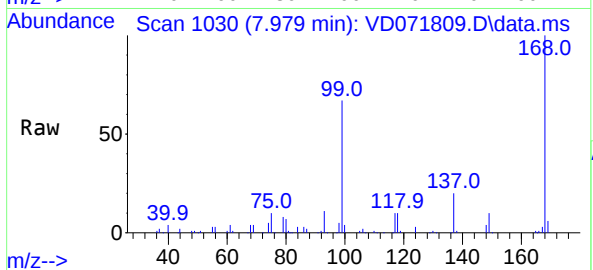
Quant Time: Jan 28 07:23:10 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D012622S.M  
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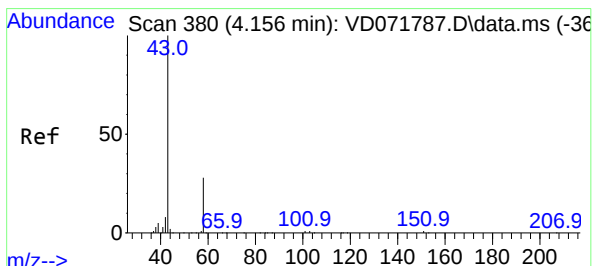
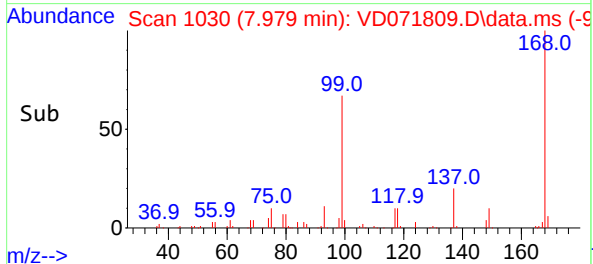
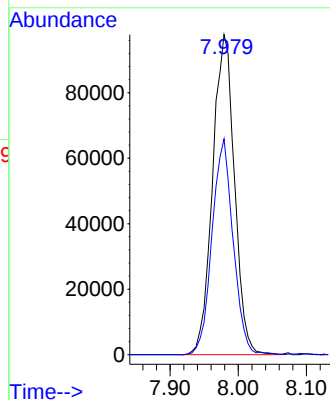


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. -0.000 min  
Lab File: VD071809.D  
Acq: 27 Jan 2022 18:41

Instrument :  
MSVOA\_D  
ClientSampleId :  
MH-1S

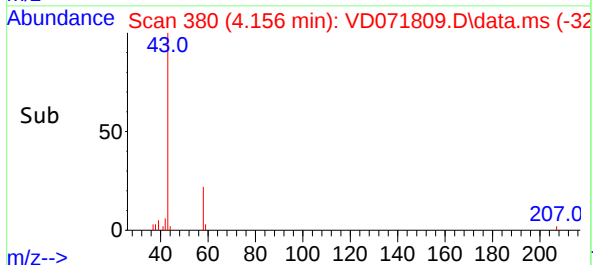
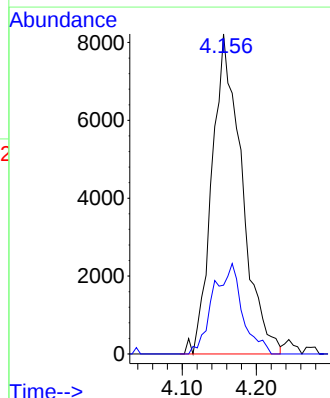
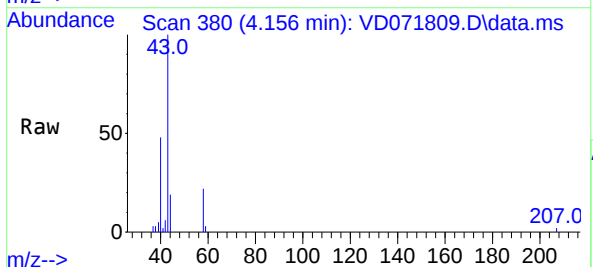


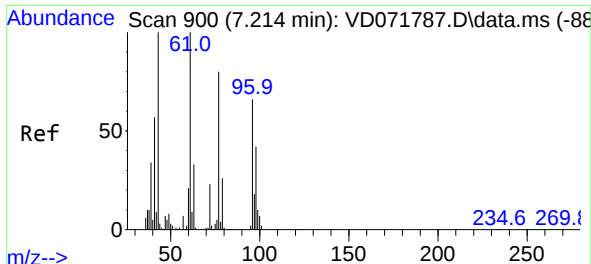
Tgt Ion:168 Resp: 218330  
Ion Ratio Lower Upper  
168 100  
99 67.4 49.8 74.6



#16  
Acetone  
Concen: 30.380 ug/l  
RT: 4.156 min Scan# 380  
Delta R.T. -0.000 min  
Lab File: VD071809.D  
Acq: 27 Jan 2022 18:41

Tgt Ion: 43 Resp: 22949  
Ion Ratio Lower Upper  
43 100  
58 21.5 22.1 33.1#





#25

2-Butanone

Concen: 5.709 ug/l

RT: 7.214 min Scan# 900

Delta R.T. -0.000 min

Lab File: VD071809.D

Acq: 27 Jan 2022 18:41

Instrument :

MSVOA\_D

ClientSampleId :

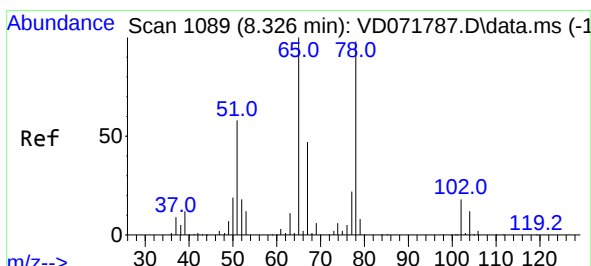
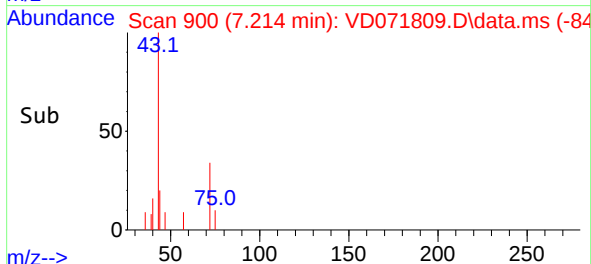
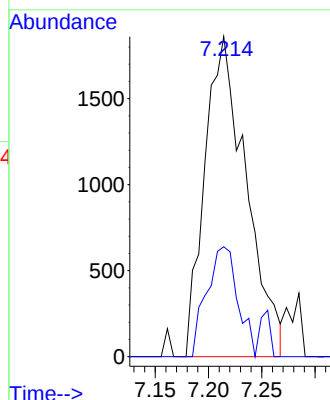
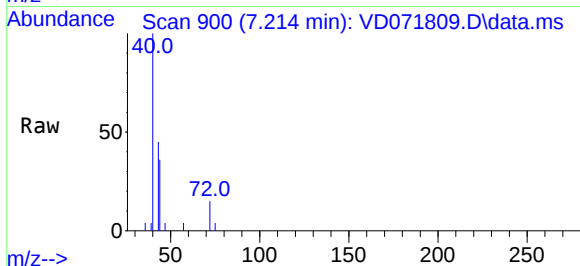
MH-1S

Tgt Ion: 43 Resp: 5028

Ion Ratio Lower Upper

43 100

72 34.4 18.6 27.8#



#33

1,2-Dichloroethane-d4

Concen: 71.804 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD071809.D

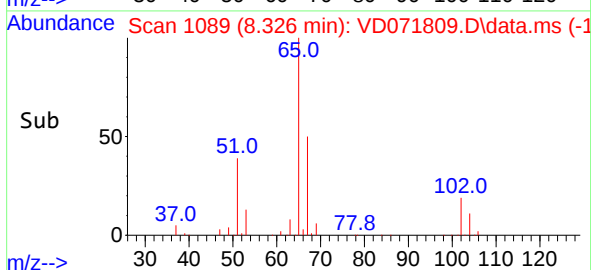
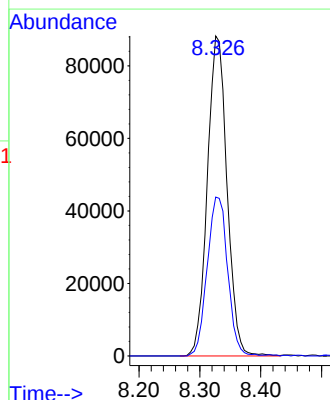
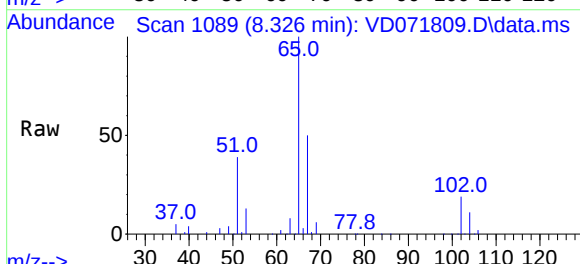
Acq: 27 Jan 2022 18:41

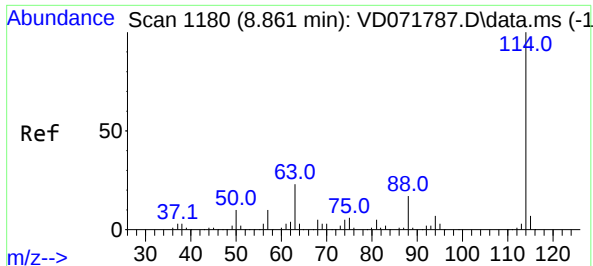
Tgt Ion: 65 Resp: 198148

Ion Ratio Lower Upper

65 100

67 51.5 0.0 101.4

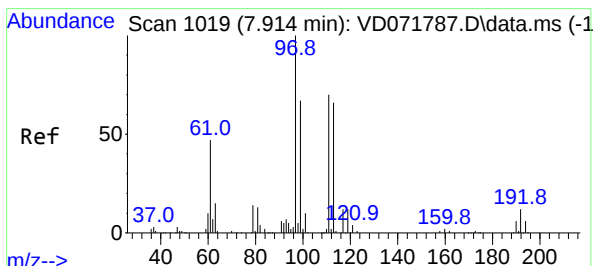
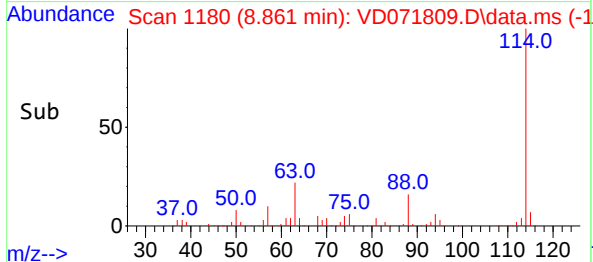
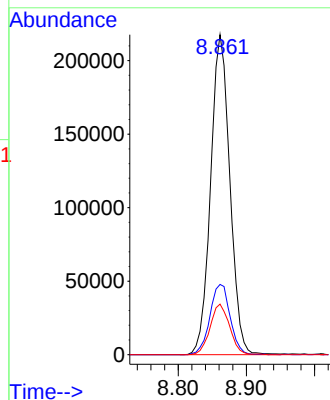
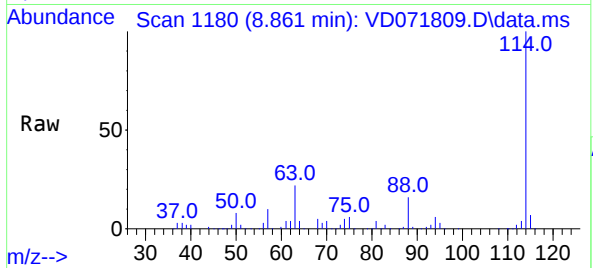




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.861 min Scan# 1180  
Delta R.T. -0.000 min  
Lab File: VD071809.D  
Acq: 27 Jan 2022 18:41

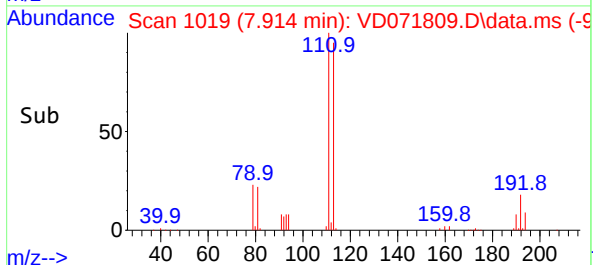
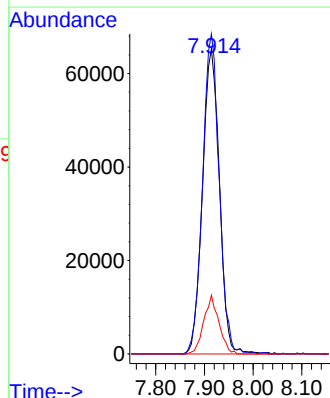
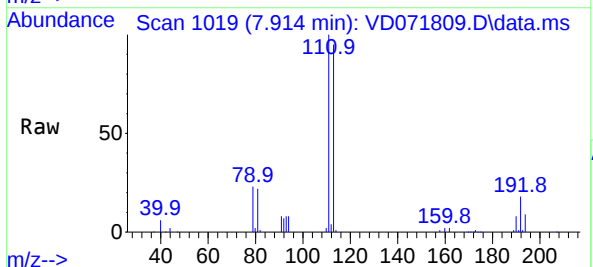
Instrument :  
MSVOA\_D  
ClientSampleId :  
MH-1S

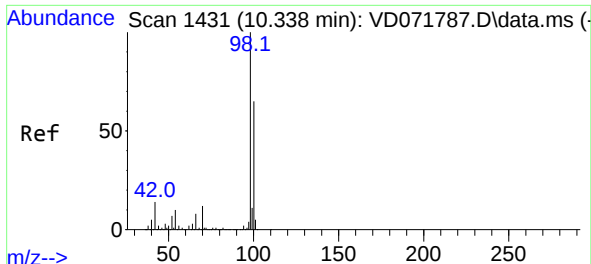
Tgt Ion:114 Resp: 427884  
Ion Ratio Lower Upper  
114 100  
63 21.9 0.0 46.6  
88 15.8 0.0 33.2



#35  
Dibromofluoromethane  
Concen: 56.036 ug/l  
RT: 7.914 min Scan# 1019  
Delta R.T. -0.000 min  
Lab File: VD071809.D  
Acq: 27 Jan 2022 18:41

Tgt Ion:113 Resp: 157606  
Ion Ratio Lower Upper  
113 100  
111 102.4 83.8 125.6  
192 17.1 14.6 21.8

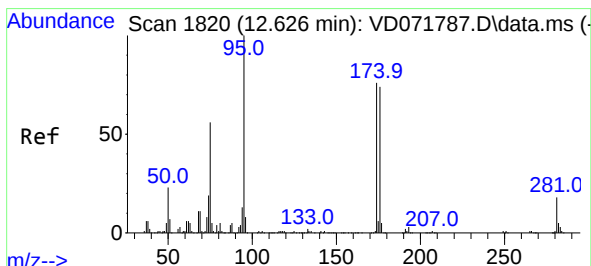
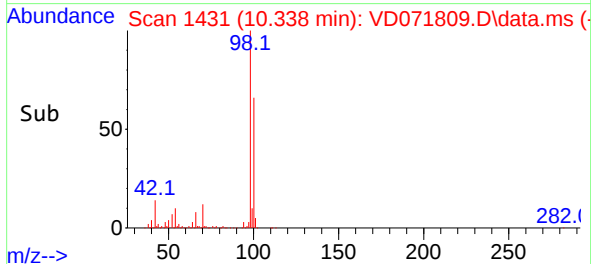
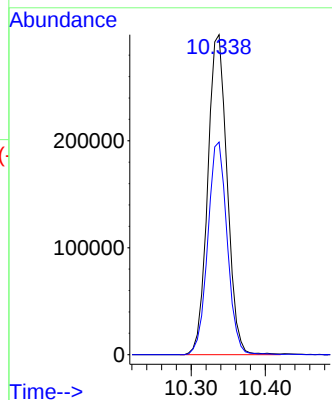
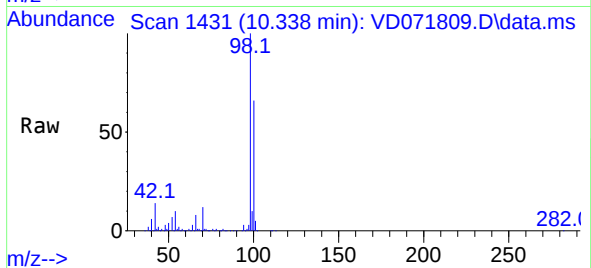




#50  
Toluene-d8  
Concen: 51.817 ug/l  
RT: 10.338 min Scan# 1431  
Delta R.T. -0.000 min  
Lab File: VD071809.D  
Acq: 27 Jan 2022 18:41

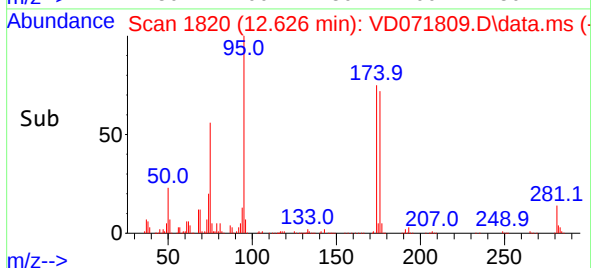
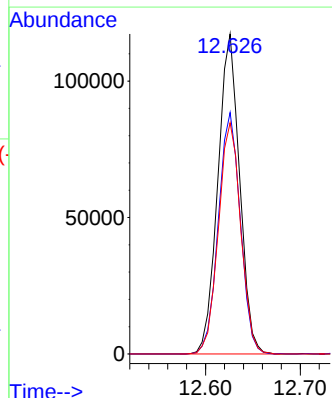
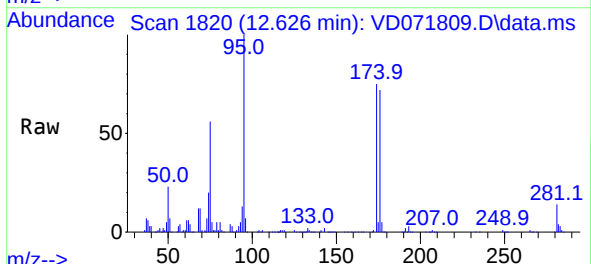
Instrument :  
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ClientSampleId :  
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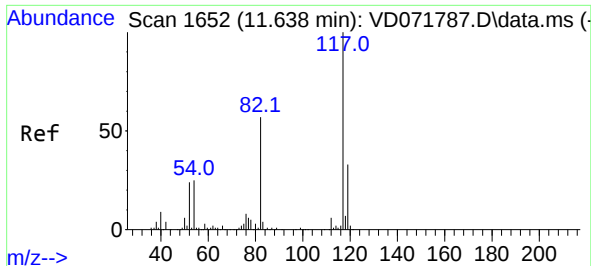
Tgt Ion: 98 Resp: 544293  
Ion Ratio Lower Upper  
98 100  
100 66.4 52.4 78.6



#62  
4-Bromofluorobenzene  
Concen: 51.032 ug/l  
RT: 12.626 min Scan# 1820  
Delta R.T. -0.000 min  
Lab File: VD071809.D  
Acq: 27 Jan 2022 18:41

Tgt Ion: 95 Resp: 187195  
Ion Ratio Lower Upper  
95 100  
174 76.0 0.0 152.8  
176 74.1 0.0 145.4

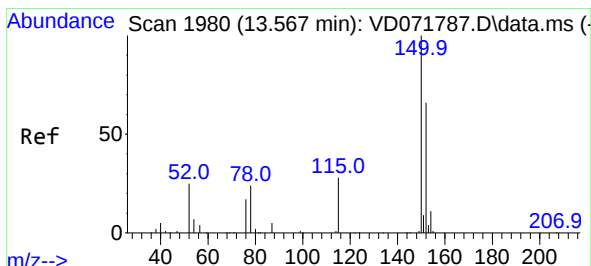
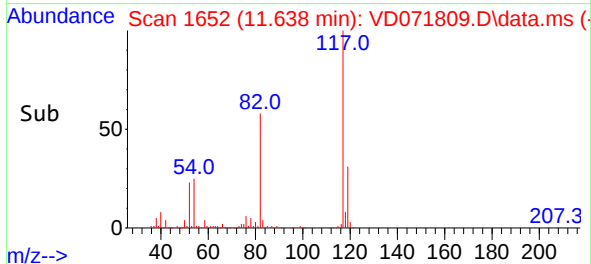
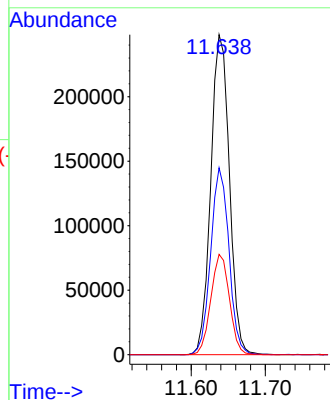
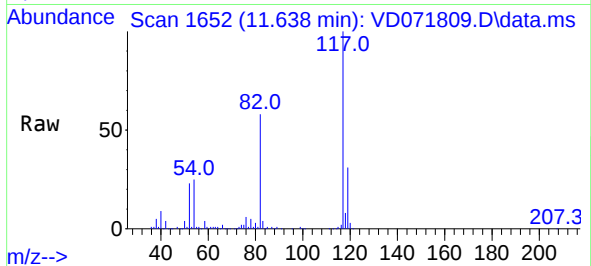




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 1170  
Delta R.T. -0.000 min  
Lab File: VD071809.D  
Acq: 27 Jan 2022 18:41

Instrument :  
MSVOA\_D  
ClientSampleId :  
MH-1S

Tgt Ion:117 Resp: 432673  
Ion Ratio Lower Upper  
117 100  
82 58.4 45.3 67.9  
119 31.3 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: VD071809.D  
Acq: 27 Jan 2022 18:41

Tgt Ion:152 Resp: 185262  
Ion Ratio Lower Upper  
152 100  
115 60.2 31.3 93.8  
150 159.6 0.0 348.6

