

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD021422\  
 Data File : VD071964.D  
 Acq On : 14 Feb 2022 18:33  
 Operator : VA/SY  
 Sample : N1525-01RE  
 Misc : 5.10G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 OR-02-021122RE

Quant Time: Feb 15 00:38:19 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

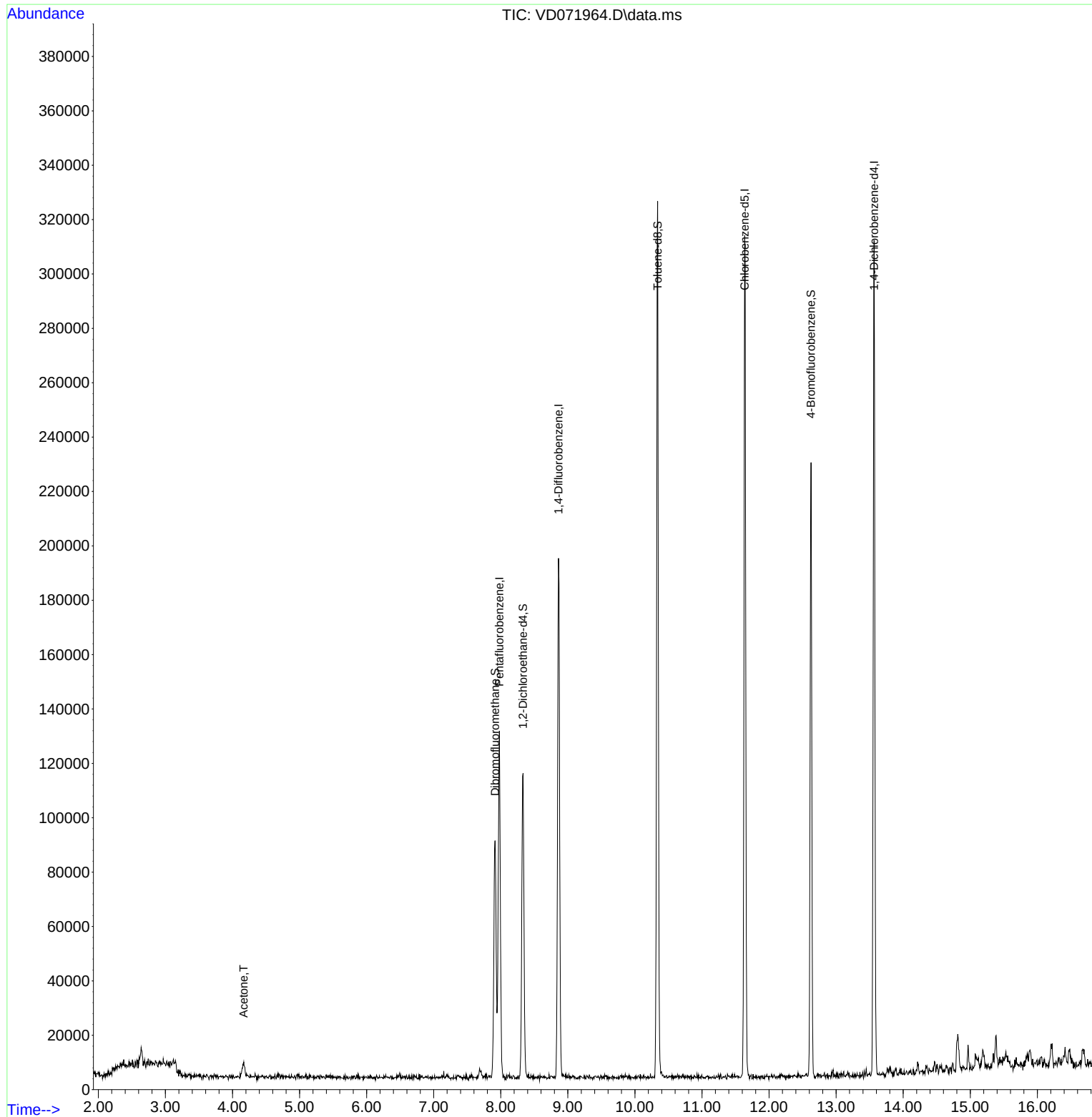
| Compound                    | R.T.   | QIon  | Response | Conc     | Units       | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------------|----------|
| -----                       |        |       |          |          |             |          |
| Internal Standards          |        |       |          |          |             |          |
| 1) Pentafluorobenzene       | 7.979  | 168   | 82199    | 50.000   | ug/l        | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.861  | 114   | 153755   | 50.000   | ug/l        | 0.00     |
| 63) Chlorobenzene-d5        | 11.638 | 117   | 168743   | 50.000   | ug/l        | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.567 | 152   | 76749    | 50.000   | ug/l        | 0.00     |
|                             |        |       |          |          |             |          |
| System Monitoring Compounds |        |       |          |          |             |          |
| 33) 1,2-Dichloroethane-d4   | 8.332  | 65    | 90814    | 87.409   | ug/l        | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 174.820%# |          |
| 35) Dibromofluoromethane    | 7.914  | 113   | 63190    | 62.523   | ug/l        | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 125.040%  |          |
| 50) Toluene-d8              | 10.338 | 98    | 205838   | 54.533   | ug/l        | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 109.060%  |          |
| 62) 4-Bromofluorobenzene    | 12.626 | 95    | 72164    | 54.748   | ug/l        | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 109.500%  |          |
|                             |        |       |          |          |             |          |
| Target Compounds            |        |       |          |          |             | Qvalue   |
| 16) Acetone                 | 4.167  | 43    | 10368    | 36.455   | ug/l        | 95       |
| -----                       |        |       |          |          |             |          |

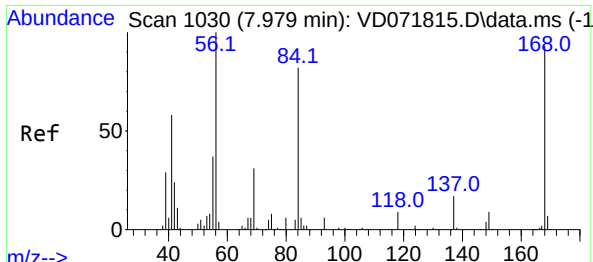
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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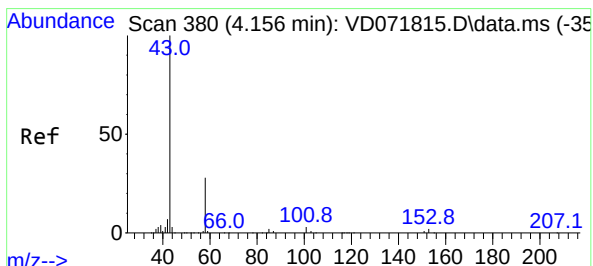
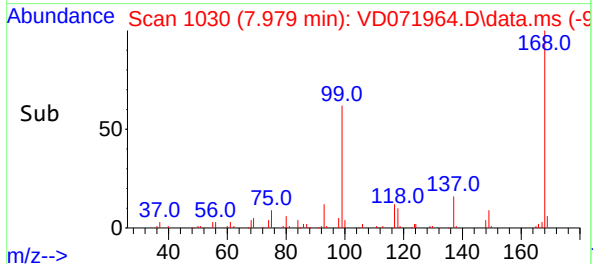
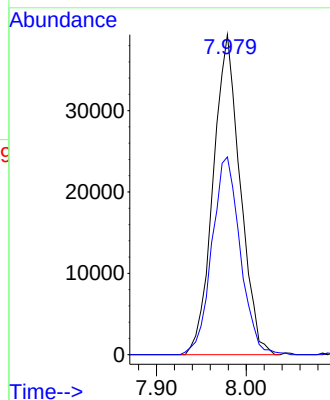
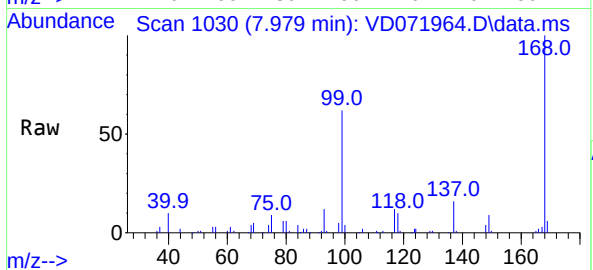




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. 0.000 min  
Lab File: VD071964.D  
Acq: 14 Feb 2022 18:33

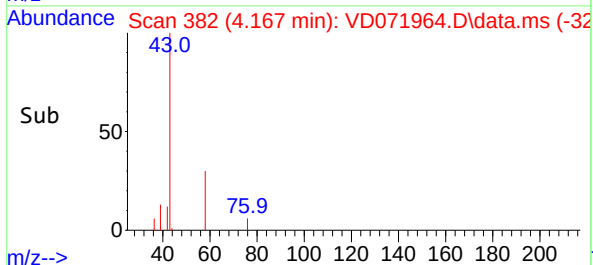
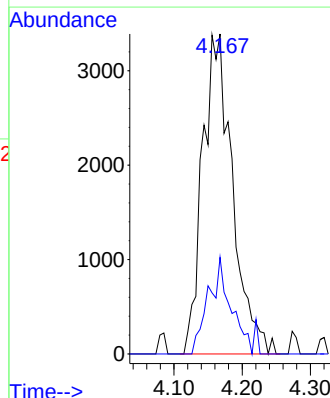
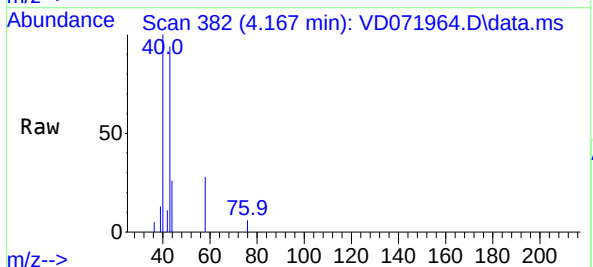
Instrument :  
MSVOA\_D  
ClientSampleId :  
OR-02-021122RE

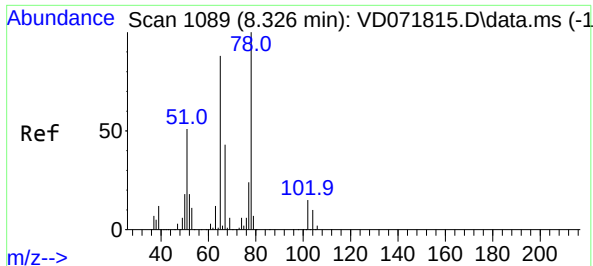
Tgt Ion:168 Resp: 82199  
Ion Ratio Lower Upper  
168 100  
99 61.8 49.8 74.6



#16  
Acetone  
Concen: 36.455 ug/l  
RT: 4.167 min Scan# 382  
Delta R.T. 0.012 min  
Lab File: VD071964.D  
Acq: 14 Feb 2022 18:33

Tgt Ion: 43 Resp: 10368  
Ion Ratio Lower Upper  
43 100  
58 30.2 22.1 33.1

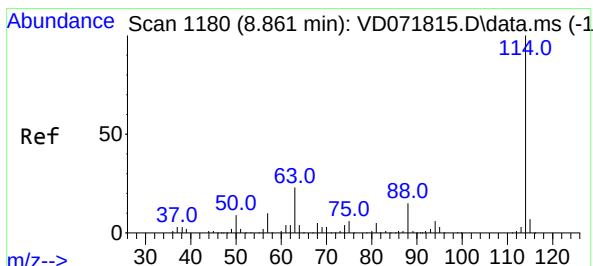
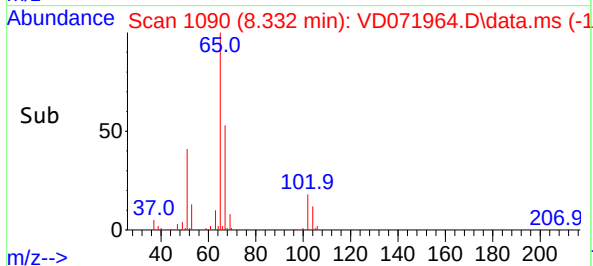
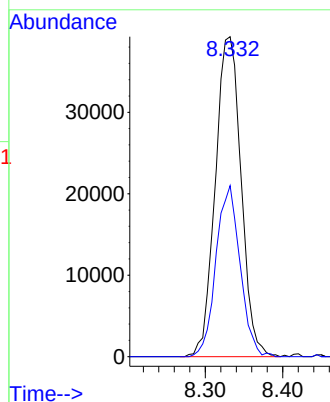
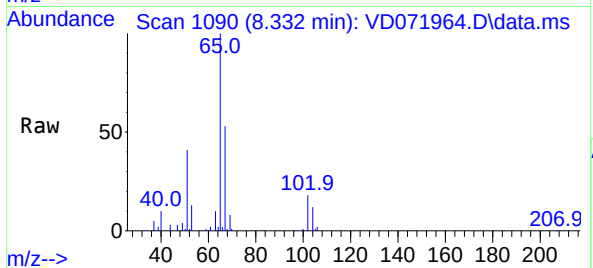




#33  
1,2-Dichloroethane-d4  
Concen: 87.409 ug/l  
RT: 8.332 min Scan# 1089  
Delta R.T. 0.006 min  
Lab File: VD071964.D  
Acq: 14 Feb 2022 18:33

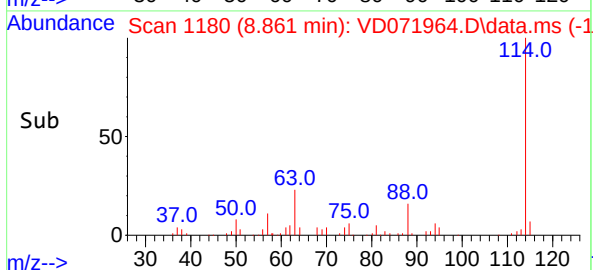
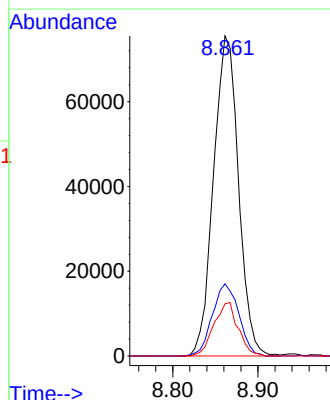
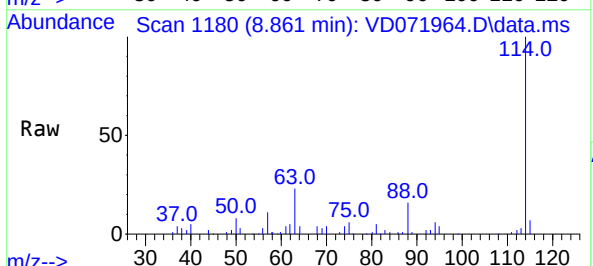
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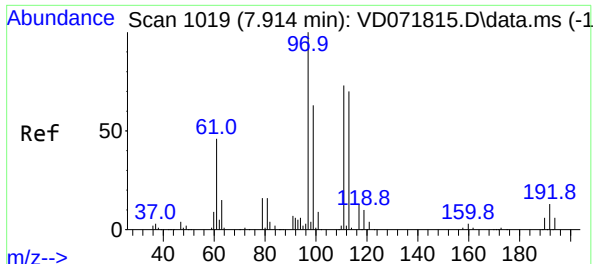
Tgt Ion: 65 Resp: 90814  
Ion Ratio Lower Upper  
65 100  
67 50.0 0.0 101.4



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.861 min Scan# 1180  
Delta R.T. -0.000 min  
Lab File: VD071964.D  
Acq: 14 Feb 2022 18:33

Tgt Ion: 114 Resp: 153755  
Ion Ratio Lower Upper  
114 100  
63 22.5 0.0 46.6  
88 16.3 0.0 33.2

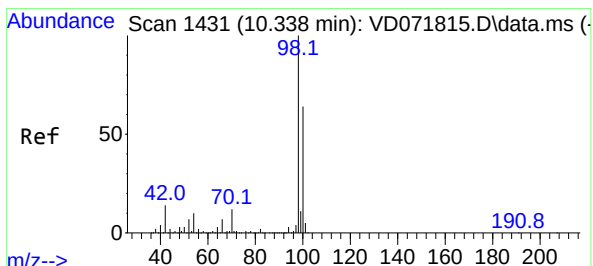
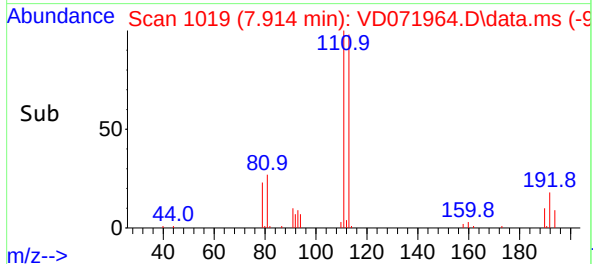
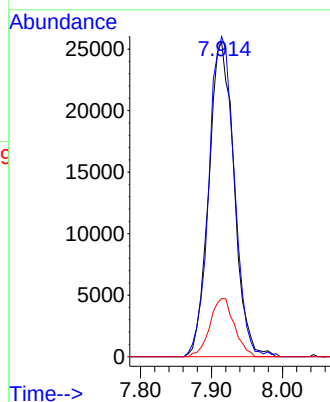
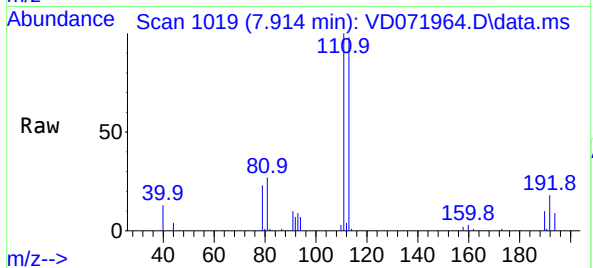




#35  
Dibromofluoromethane  
Concen: 62.523 ug/l  
RT: 7.914 min Scan# 1019  
Delta R.T. -0.000 min  
Lab File: VD071964.D  
Acq: 14 Feb 2022 18:33

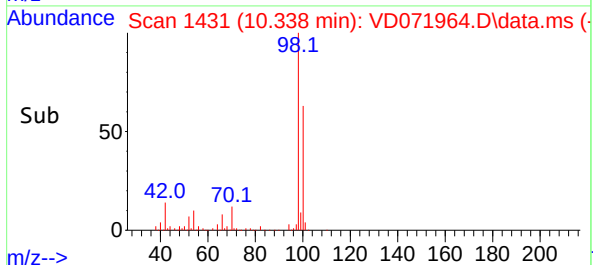
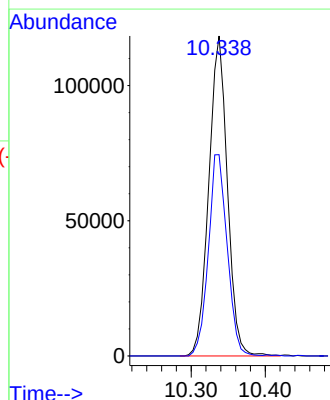
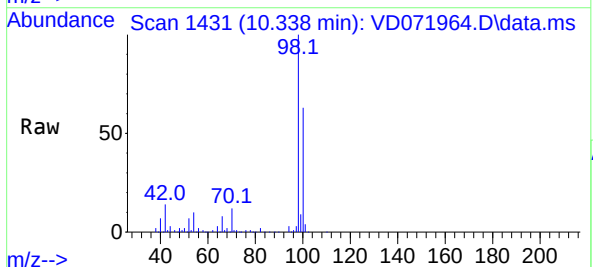
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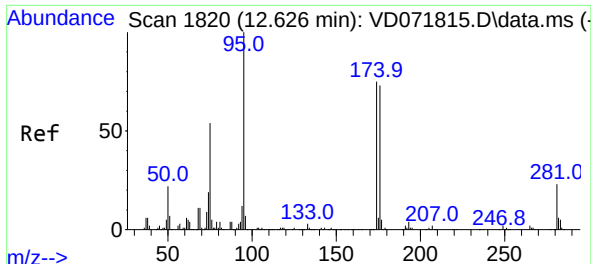
Tgt Ion:113 Resp: 63190  
Ion Ratio Lower Upper  
113 100  
111 102.3 83.8 125.6  
192 17.9 14.6 21.8



#50  
Toluene-d8  
Concen: 54.533 ug/l  
RT: 10.338 min Scan# 1431  
Delta R.T. -0.000 min  
Lab File: VD071964.D  
Acq: 14 Feb 2022 18:33

Tgt Ion: 98 Resp: 205838  
Ion Ratio Lower Upper  
98 100  
100 63.7 52.4 78.6

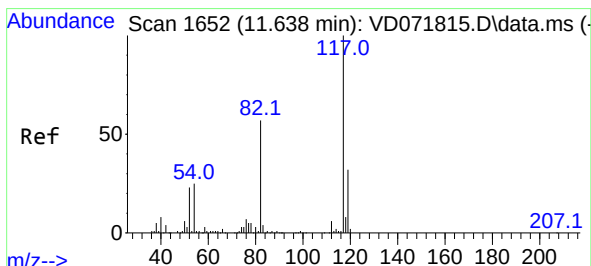
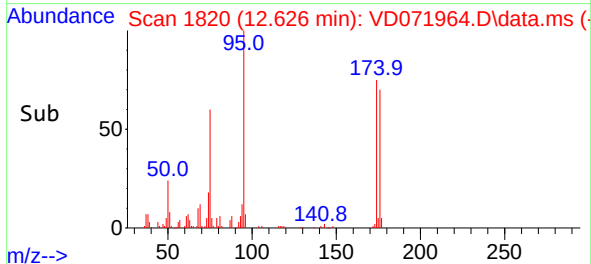
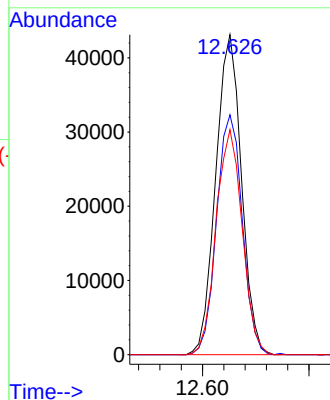
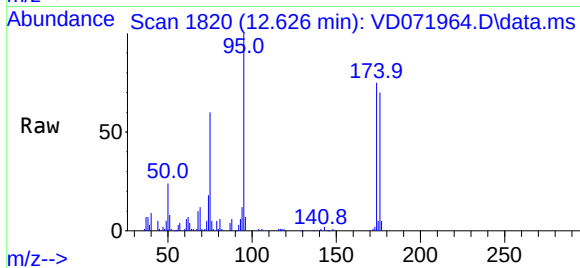




#62  
4-Bromofluorobenzene  
Concen: 54.748 ug/l  
RT: 12.626 min Scan# 1820  
Delta R.T. -0.000 min  
Lab File: VD071964.D  
Acq: 14 Feb 2022 18:33

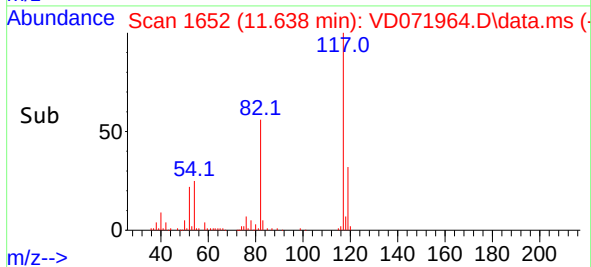
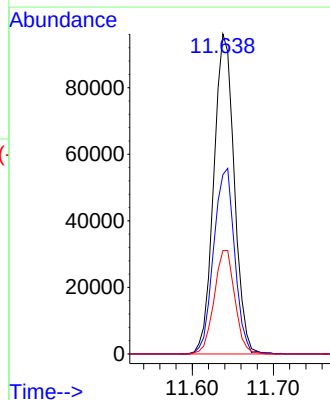
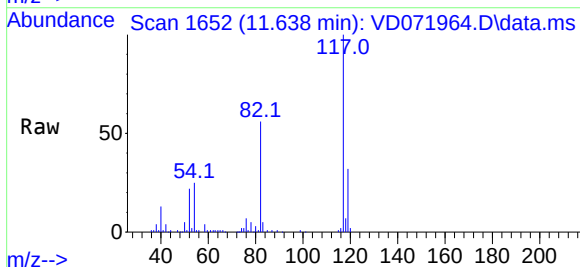
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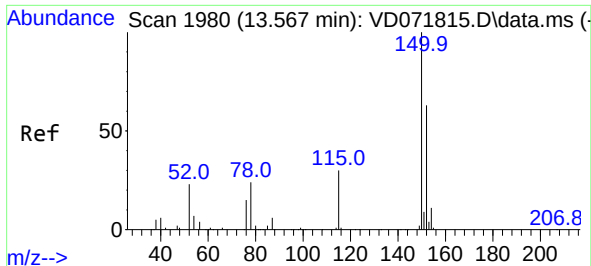
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 95    | Resp: | 72164 |
| Ion      | Ratio | Lower | Upper |
| 95       | 100   |       |       |
| 174      | 75.0  | 0.0   | 152.8 |
| 176      | 71.5  | 0.0   | 145.4 |



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 1652  
Delta R.T. -0.000 min  
Lab File: VD071964.D  
Acq: 14 Feb 2022 18:33

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 168743 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 56.0  | 45.3  | 67.9   |
| 119      | 32.3  | 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: VD071964.D

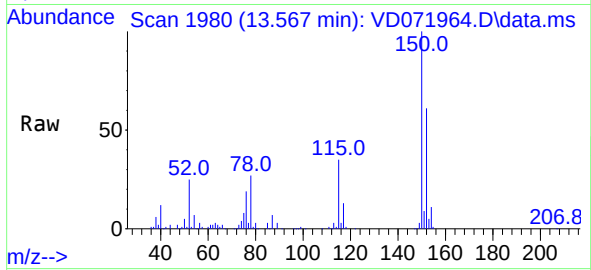
Acq: 14 Feb 2022 18:33

Instrument :

MSVOA\_D

ClientSampleId :

OR-02-021122RE



Tgt Ion:152 Resp: 76749

Ion Ratio Lower Upper

152 100

115 61.4 31.3 93.8

150 158.7 0.0 348.6

