

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD070224\  
 Data File : VD079318.D  
 Acq On : 02 Jul 2024 14:52  
 Operator : RP/MD  
 Sample : P3141-04RE  
 Misc : 8.32G/5.0ml/MSVOA\_D/SOIL/B  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 B-129-SB01RE

Quant Time: Jul 03 01:22:50 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D062824S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 29 06:28:31 2024  
 Response via : Initial Calibration

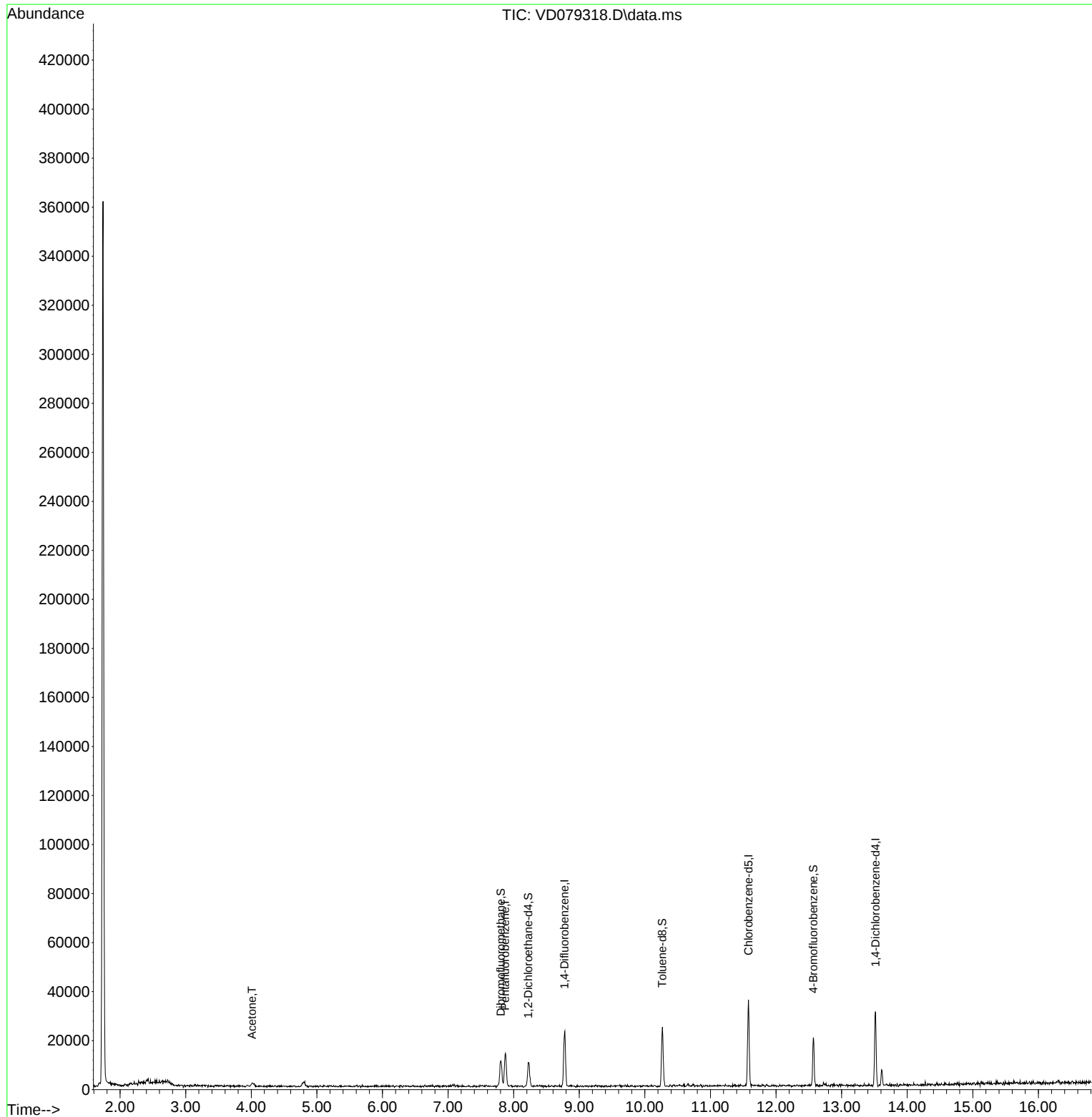
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)     |
|-----------------------------|--------|-------|----------|----------|-------|--------------|
| -----                       |        |       |          |          |       |              |
| Internal Standards          |        |       |          |          |       |              |
| 1) Pentafluorobenzene       | 7.869  | 168   | 10309    | 50.000   | ug/l  | 0.00         |
| 34) 1,4-Difluorobenzene     | 8.775  | 114   | 19668    | 50.000   | ug/l  | 0.00         |
| 63) Chlorobenzene-d5        | 11.581 | 117   | 21549    | 50.000   | ug/l  | 0.00         |
| 72) 1,4-Dichlorobenzene-d4  | 13.516 | 152   | 7841     | 50.000   | ug/l  | 0.00         |
|                             |        |       |          |          |       |              |
| System Monitoring Compounds |        |       |          |          |       |              |
| 33) 1,2-Dichloroethane-d4   | 8.222  | 65    | 7910     | 81.000   | ug/l  | 0.00         |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 162.000%     |
| 35) Dibromofluoromethane    | 7.804  | 113   | 7878     | 61.022   | ug/l  | 0.00         |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 122.040%     |
| 50) Toluene-d8              | 10.263 | 98    | 18123    | 39.021   | ug/l  | 0.00         |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =     | 78.040%      |
| 62) 4-Bromofluorobenzene    | 12.569 | 95    | 6990     | 46.935   | ug/l  | 0.00         |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | =     | 93.860%      |
|                             |        |       |          |          |       |              |
| Target Compounds            |        |       |          |          |       |              |
| 16) Acetone                 | 4.010  | 43    | 2294     | 93.758   | ug/l  | Qvalue<br>94 |
| -----                       |        |       |          |          |       |              |

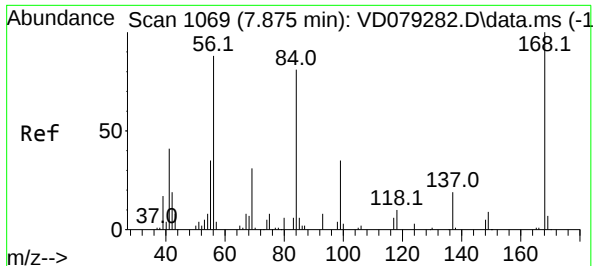
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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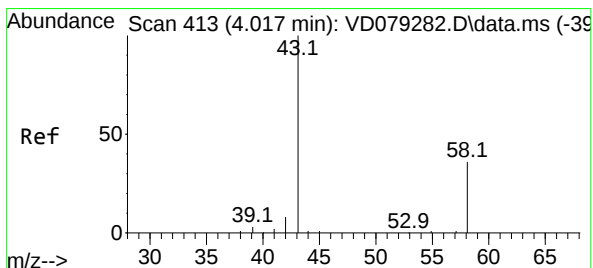
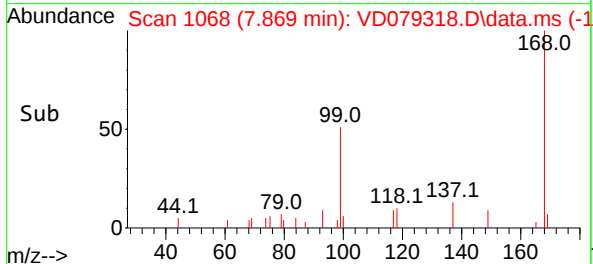
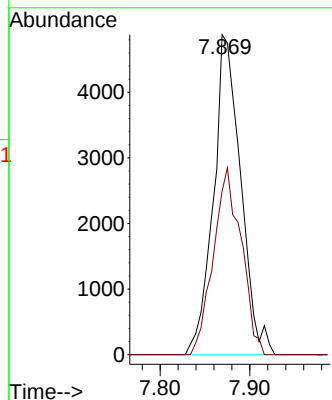
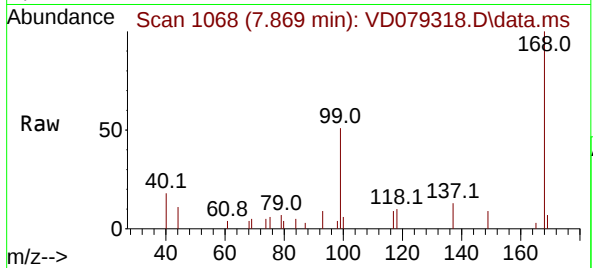




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.869 min Scan# 1068  
Delta R.T. -0.006 min  
Lab File: VD079318.D  
Acq: 02 Jul 2024 14:52

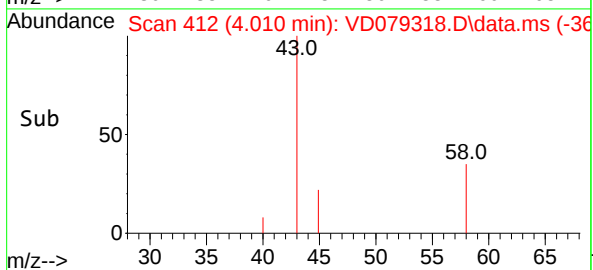
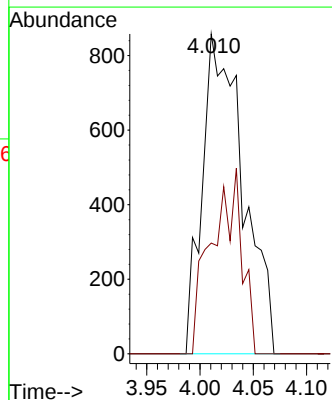
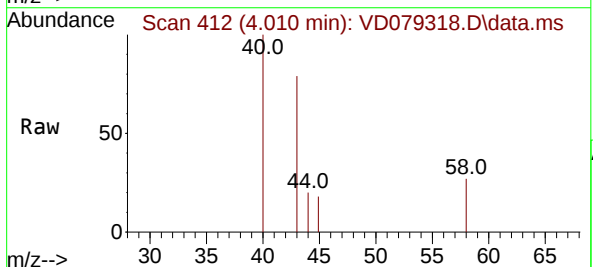
Instrument :  
MSVOA\_D  
ClientSampleId :  
B-129-SB01RE

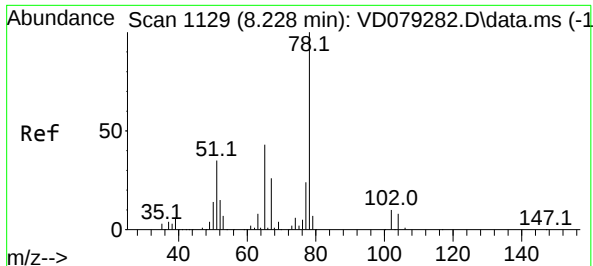
Tgt Ion:168 Resp: 10309  
Ion Ratio Lower Upper  
168 100  
99 51.1 41.1 61.7



#16  
Acetone  
Concen: 93.758 ug/l  
RT: 4.010 min Scan# 412  
Delta R.T. -0.006 min  
Lab File: VD079318.D  
Acq: 02 Jul 2024 14:52

Tgt Ion: 43 Resp: 2294  
Ion Ratio Lower Upper  
43 100  
58 34.6 30.4 45.6





#33

1,2-Dichloroethane-d4

Concen: 81.000 ug/l

RT: 8.222 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD079318.D

Acq: 02 Jul 2024 14:52

Instrument :

MSVOA\_D

ClientSampleId :

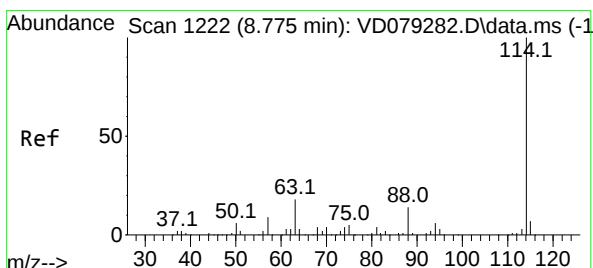
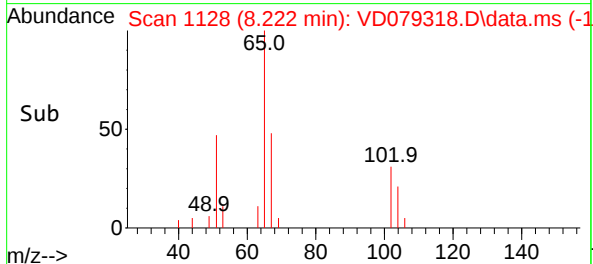
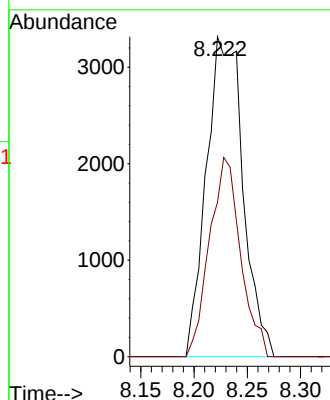
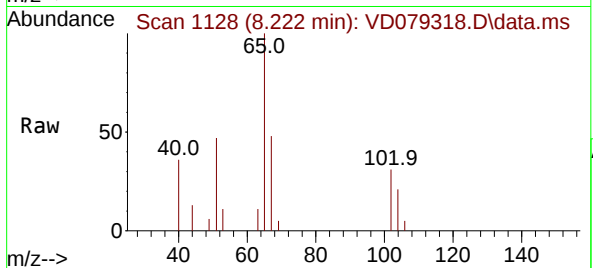
B-129-SB01RE

Tgt Ion: 65 Resp: 7910

Ion Ratio Lower Upper

65 100

67 53.0 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD079318.D

Acq: 02 Jul 2024 14:52

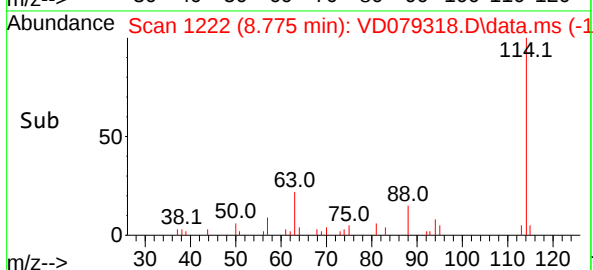
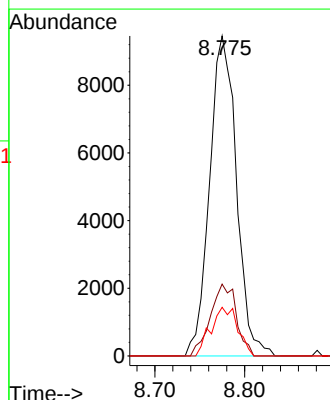
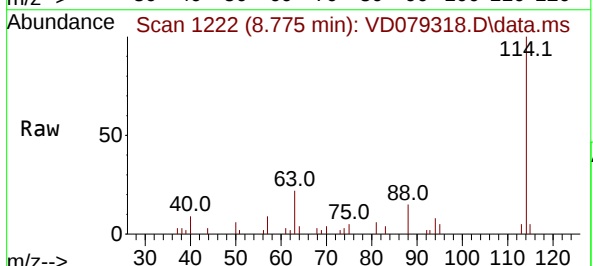
Tgt Ion: 114 Resp: 19668

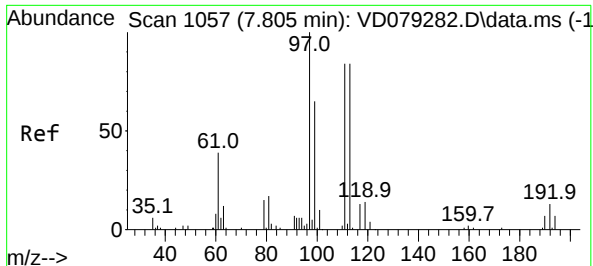
Ion Ratio Lower Upper

114 100

63 22.5 0.0 34.0

88 15.2 0.0 27.2





#35

Dibromofluoromethane

Concen: 61.022 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079318.D

Acq: 02 Jul 2024 14:52

Instrument :

MSVOA\_D

ClientSampleId :

B-129-SB01RE

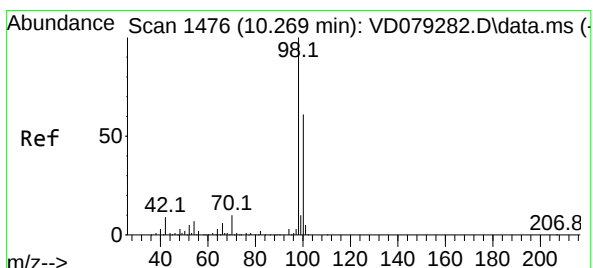
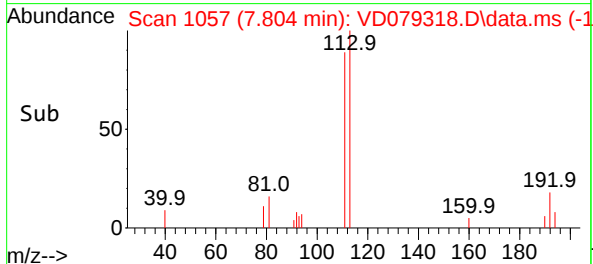
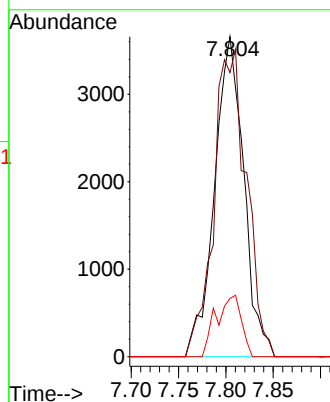
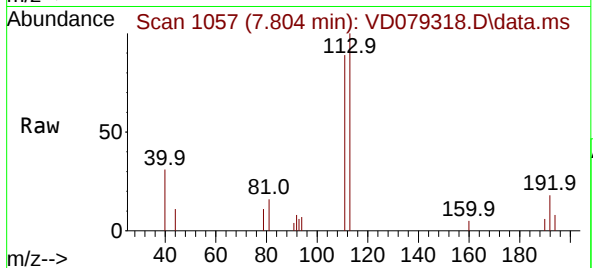
Tgt Ion:113 Resp: 7878

Ion Ratio Lower Upper

113 100

111 106.5 84.0 126.0

192 16.5 15.4 23.0



#50

Toluene-d8

Concen: 39.021 ug/l

RT: 10.263 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VD079318.D

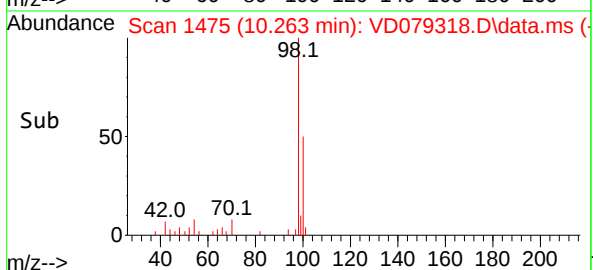
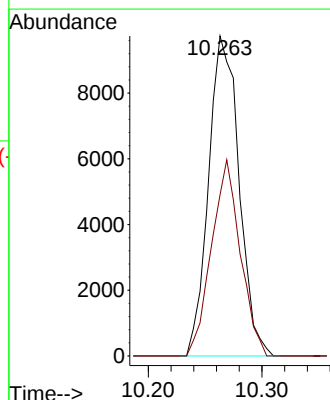
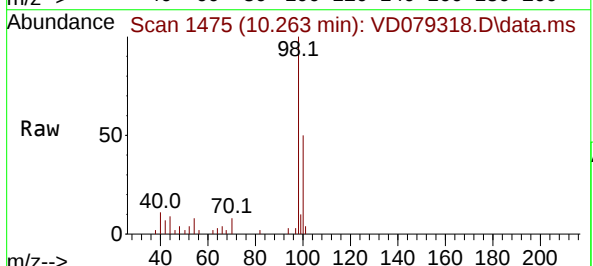
Acq: 02 Jul 2024 14:52

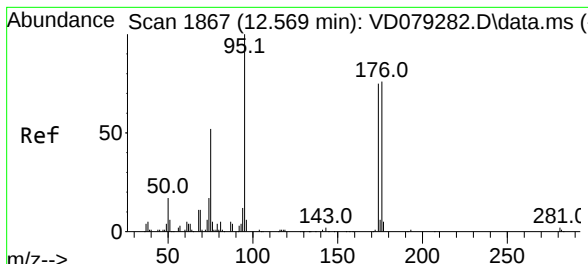
Tgt Ion: 98 Resp: 18123

Ion Ratio Lower Upper

98 100

100 58.1 51.6 77.4

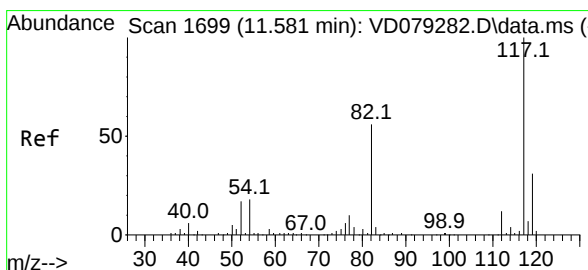
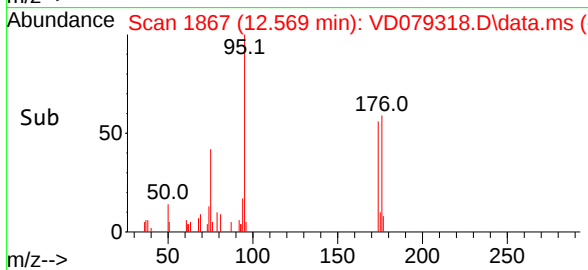
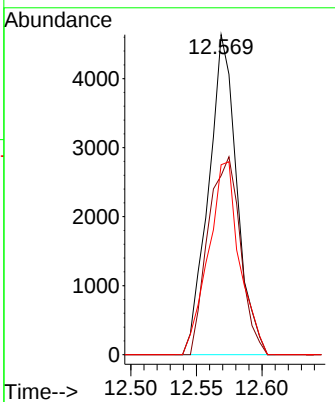
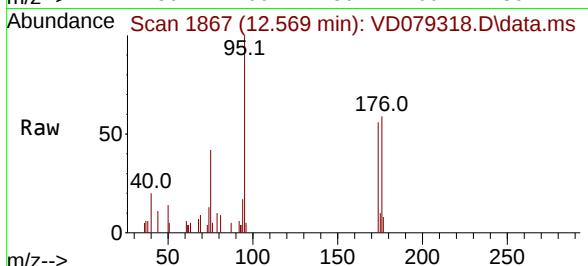




#62  
 4-Bromofluorobenzene  
 Concen: 46.935 ug/l  
 RT: 12.569 min Scan# 1867  
 Delta R.T. -0.000 min  
 Lab File: VD079318.D  
 Acq: 02 Jul 2024 14:52

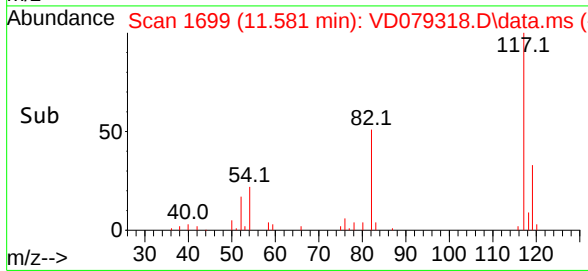
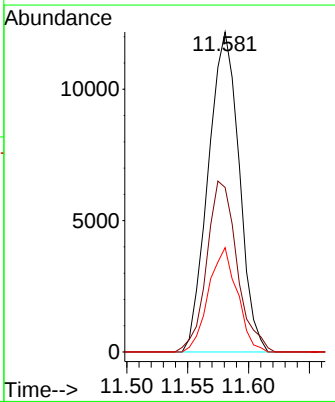
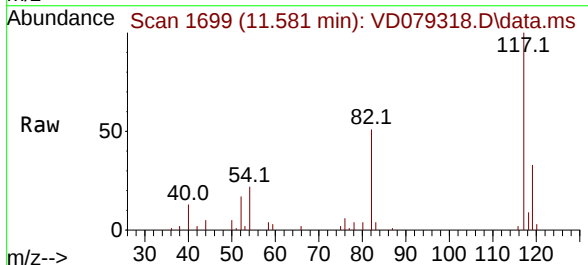
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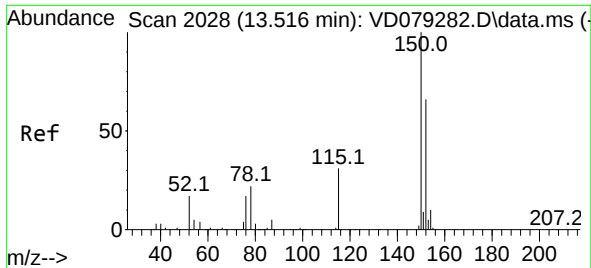
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 95    | Resp: | 6990  |
| Ion      | Ratio | Lower | Upper |
| 95       | 100   |       |       |
| 174      | 70.3  | 0.0   | 195.4 |
| 176      | 66.3  | 0.0   | 192.6 |



#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.581 min Scan# 1699  
 Delta R.T. -0.000 min  
 Lab File: VD079318.D  
 Acq: 02 Jul 2024 14:52

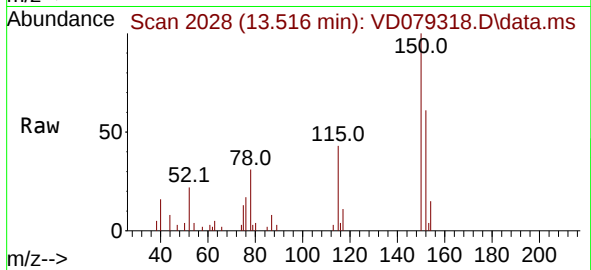
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 21549 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 82       | 51.4  | 39.8  | 59.6  |
| 119      | 32.6  | 25.7  | 38.5  |





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.516 min Scan# 20  
 Delta R.T. -0.000 min  
 Lab File: VD079318.D  
 Acq: 02 Jul 2024 14:52

Instrument :  
 MSVOA\_D  
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 B-129-SB01RE



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 70.1  | 26.5  | 79.5  |
| 150     | 167.9 | 0.0   | 341.6 |

