

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN112322\  
 Data File : VN075409.D  
 Acq On : 23 Nov 2022 20:22  
 Operator : JC\MD  
 Sample : N5692-03  
 Misc : 1.32g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 HS-SPILL-DRUM-11-16

Quant Time: Nov 24 06:54:10 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N112122W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 23 00:18:03 2022  
 Response via : Initial Calibration

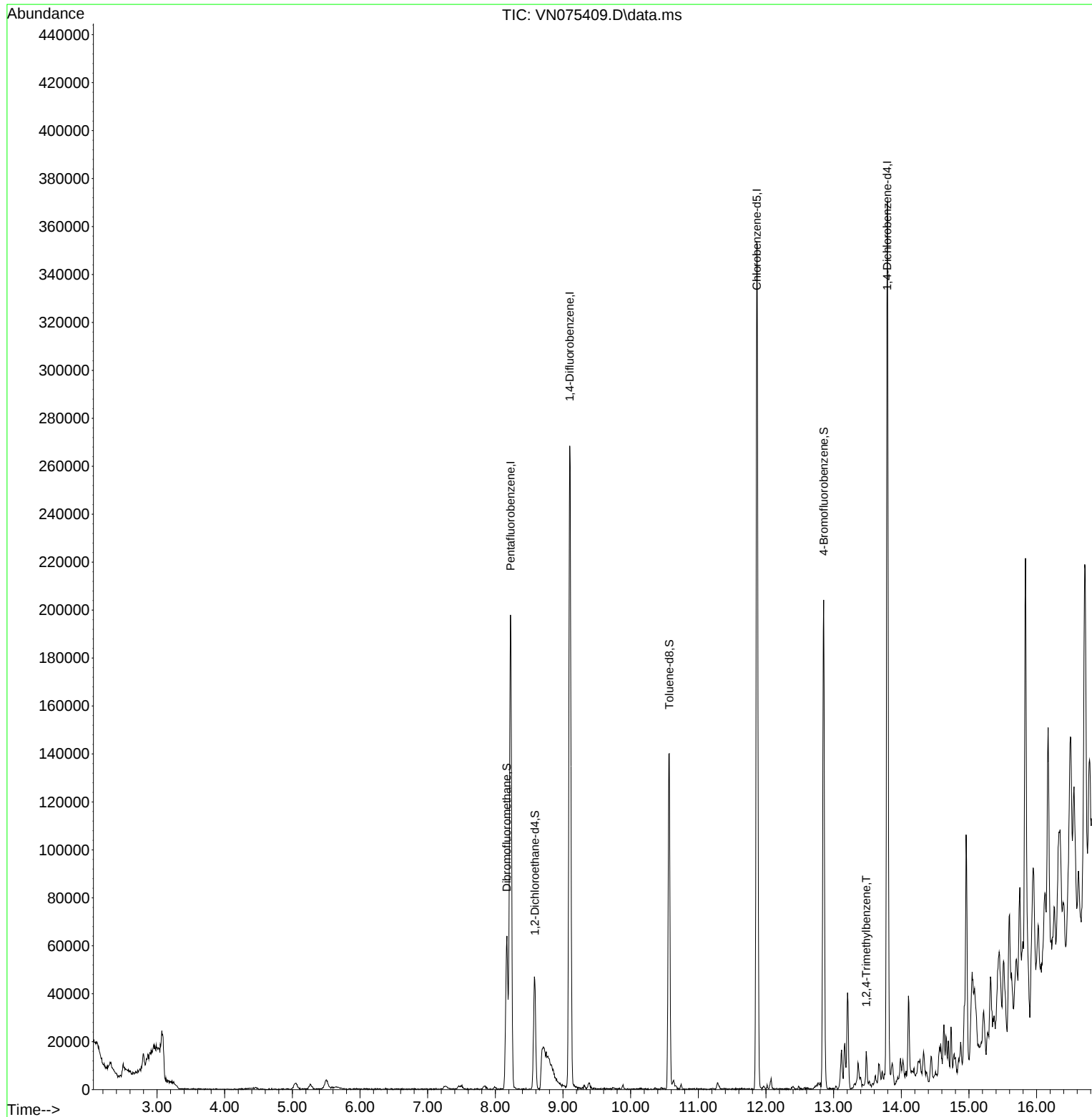
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|-------|-----------|
| -----                       |        |       |          |          |       |           |
| Internal Standards          |        |       |          |          |       |           |
| 1) Pentafluorobenzene       | 8.224  | 168   | 153713   | 50.000   | ug/l  | 0.00      |
| 34) 1,4-Difluorobenzene     | 9.100  | 114   | 258620   | 50.000   | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 11.865 | 117   | 223641   | 50.000   | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.794 | 152   | 102260   | 50.000   | ug/l  | 0.00      |
| System Monitoring Compounds |        |       |          |          |       |           |
| 33) 1,2-Dichloroethane-d4   | 8.582  | 65    | 38170    | 46.261   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =     | 92.520%   |
| 35) Dibromofluoromethane    | 8.171  | 113   | 44672    | 43.971   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 87.940%   |
| 50) Toluene-d8              | 10.570 | 98    | 103098   | 45.057   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =     | 90.120%   |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 72117    | 42.700   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 85.400%   |
| Target Compounds            |        |       |          |          |       |           |
| 84) 1,2,4-Trimethylbenzene  | 13.482 | 105   | 9202     | 1.478    | ug/l  | Qvalue 99 |
| -----                       |        |       |          |          |       |           |

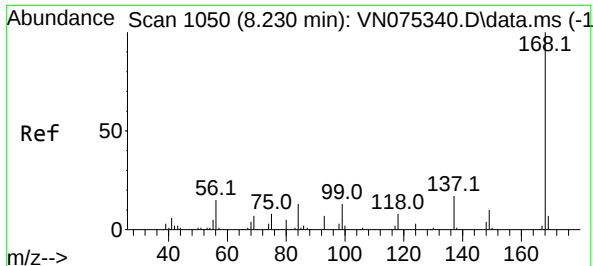
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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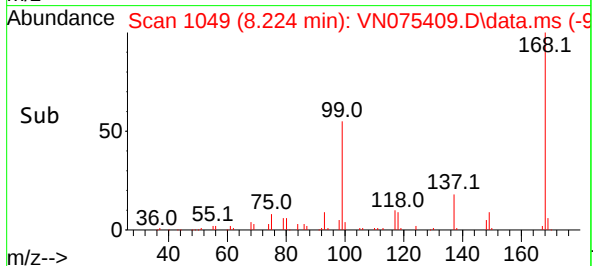
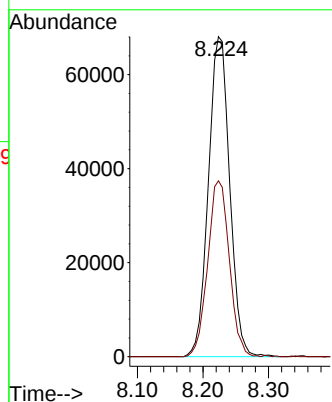
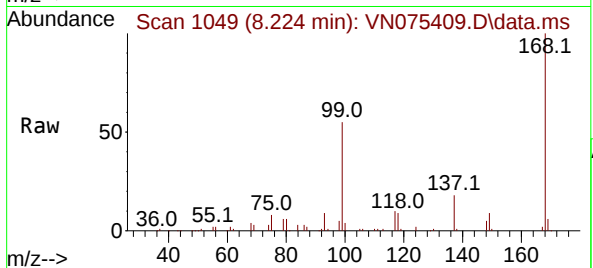




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1049  
Delta R.T. -0.006 min  
Lab File: VN075409.D  
Acq: 23 Nov 2022 20:22

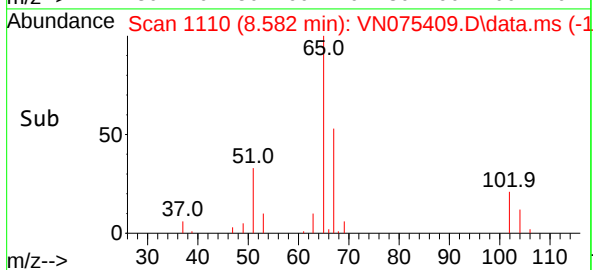
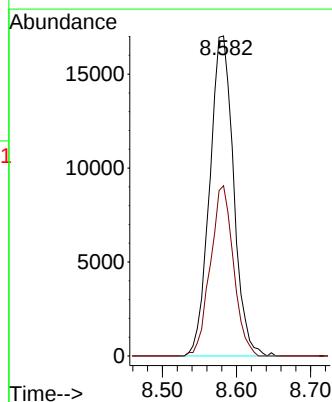
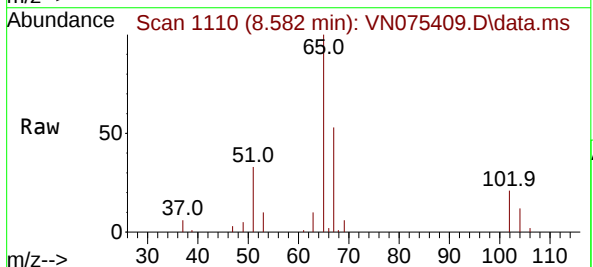
Instrument :  
MSVOA\_N  
ClientSampleId :  
HS-SPILL-DRUM-11-16

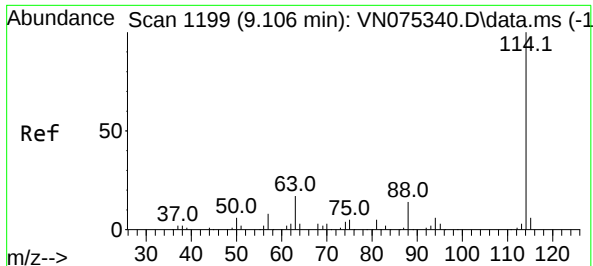
Tgt Ion:168 Resp: 153713  
Ion Ratio Lower Upper  
168 100  
99 54.9 51.6 77.4



#33  
1,2-Dichloroethane-d4  
Concen: 46.261 ug/l  
RT: 8.582 min Scan# 1110  
Delta R.T. -0.001 min  
Lab File: VN075409.D  
Acq: 23 Nov 2022 20:22

Tgt Ion: 65 Resp: 38170  
Ion Ratio Lower Upper  
65 100  
67 51.4 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1199

Delta R.T. -0.006 min

Lab File: VN075409.D

Acq: 23 Nov 2022 20:22

Instrument :

MSVOA\_N

ClientSampleId :

HS-SPILL-DRUM-11-16

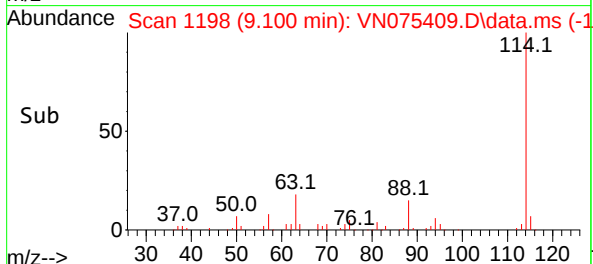
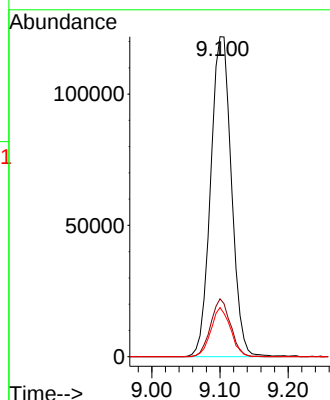
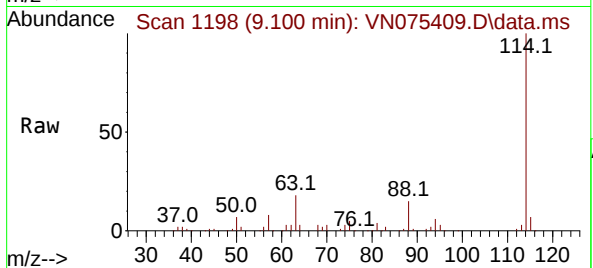
Tgt Ion:114 Resp: 258620

Ion Ratio Lower Upper

114 100

63 18.1 0.0 39.6

88 15.4 0.0 29.0



#35

Dibromofluoromethane

Concen: 43.971 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075409.D

Acq: 23 Nov 2022 20:22

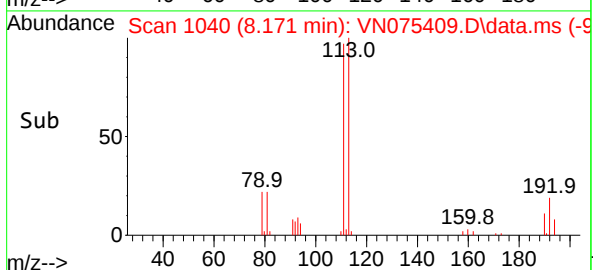
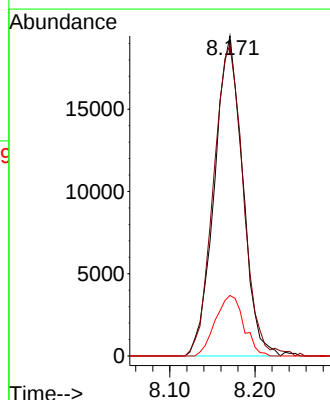
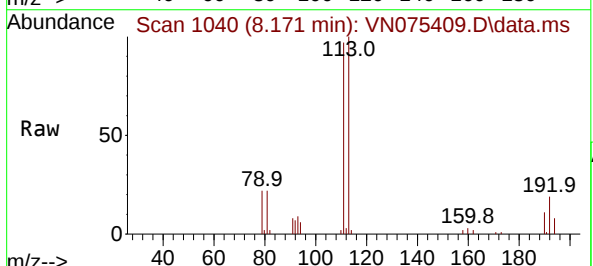
Tgt Ion:113 Resp: 44672

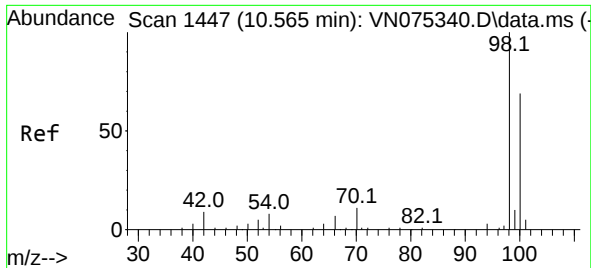
Ion Ratio Lower Upper

113 100

111 102.6 80.5 120.7

192 19.0 13.2 19.8

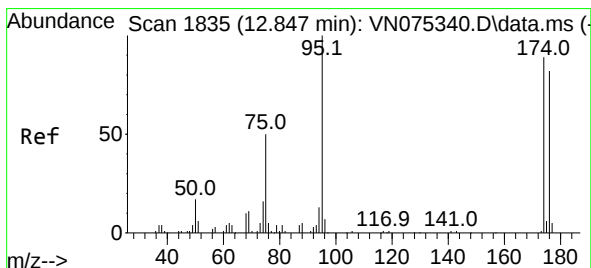
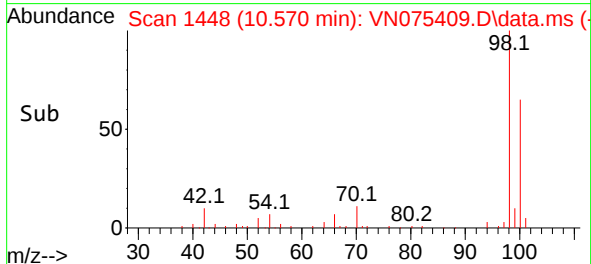
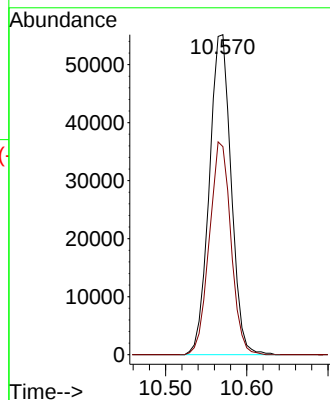
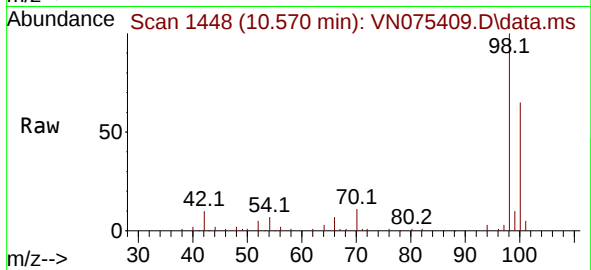




#50  
Toluene-d8  
Concen: 45.057 ug/l  
RT: 10.570 min Scan# 1447  
Delta R.T. 0.005 min  
Lab File: VN075409.D  
Acq: 23 Nov 2022 20:22

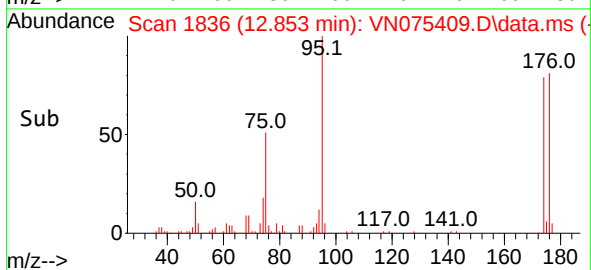
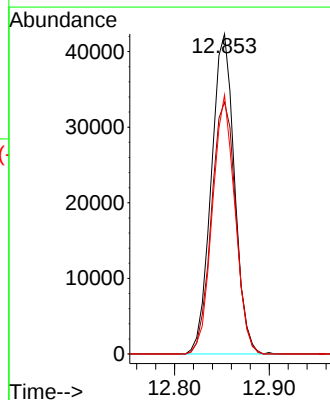
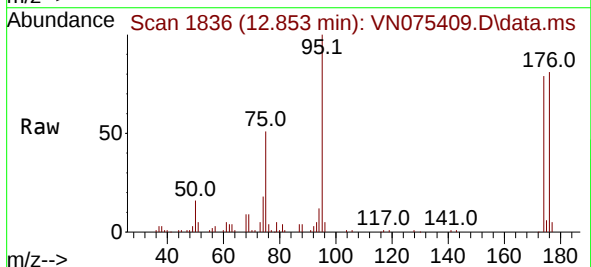
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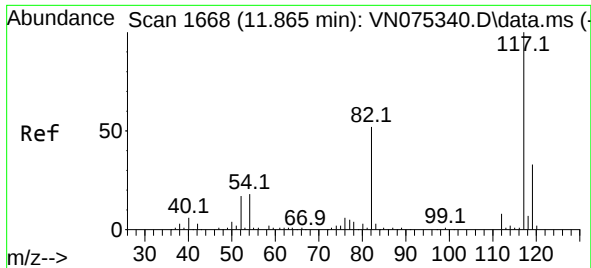
Tgt Ion: 98 Resp: 103098  
Ion Ratio Lower Upper  
98 100  
100 65.6 53.0 79.6



#62  
4-Bromofluorobenzene  
Concen: 42.700 ug/l  
RT: 12.853 min Scan# 1836  
Delta R.T. 0.006 min  
Lab File: VN075409.D  
Acq: 23 Nov 2022 20:22

Tgt Ion: 95 Resp: 72117  
Ion Ratio Lower Upper  
95 100  
174 82.7 0.0 147.4  
176 78.6 0.0 142.2

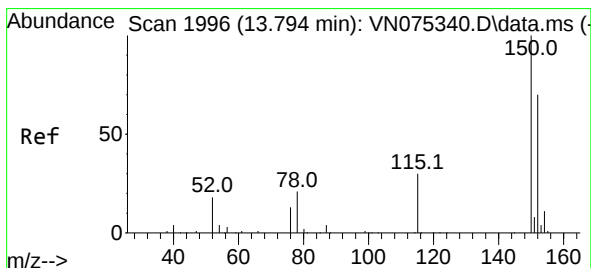
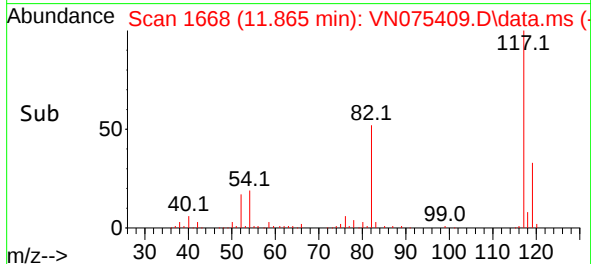
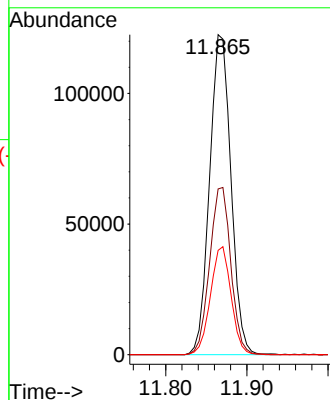
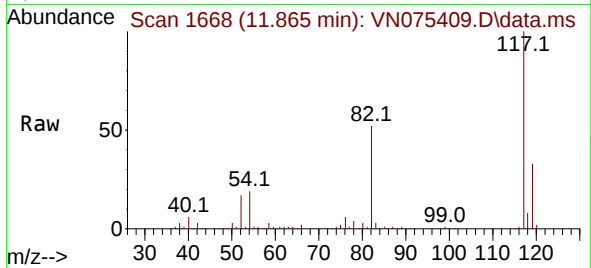




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN075409.D  
Acq: 23 Nov 2022 20:22

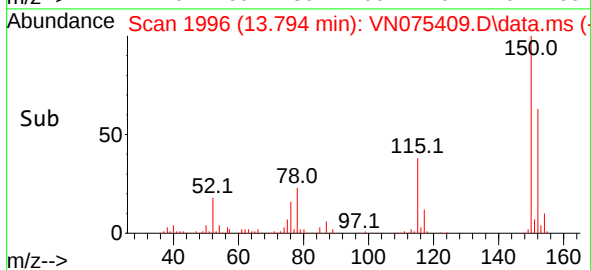
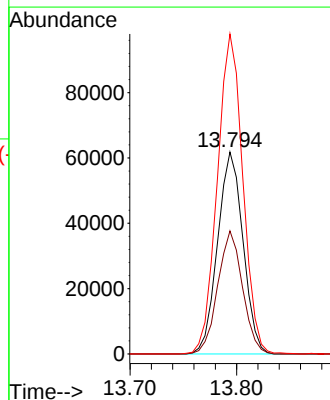
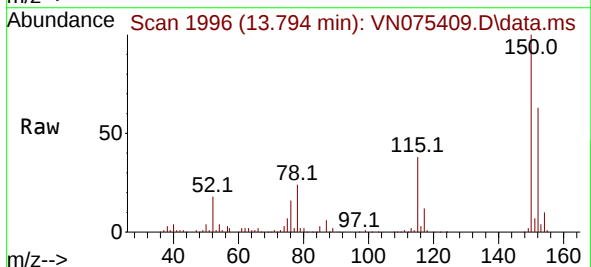
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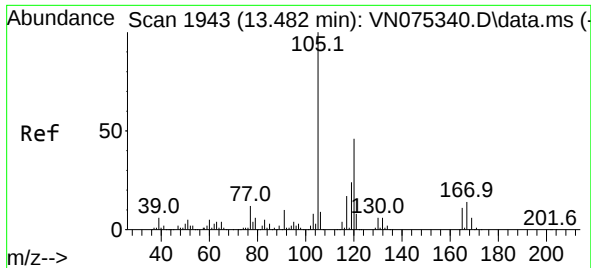
Tgt Ion:117 Resp: 223641  
Ion Ratio Lower Upper  
117 100  
82 51.8 43.1 64.7  
119 32.6 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 1996  
Delta R.T. -0.000 min  
Lab File: VN075409.D  
Acq: 23 Nov 2022 20:22

Tgt Ion:152 Resp: 102260  
Ion Ratio Lower Upper  
152 100  
115 59.3 30.2 90.6  
150 159.1 0.0 348.4





#84  
 1,2,4-Trimethylbenzene  
 Concen: 1.478 ug/l  
 RT: 13.482 min Scan# 1943  
 Delta R.T. 0.000 min  
 Lab File: VN075409.D  
 Acq: 23 Nov 2022 20:22

Instrument :  
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Tgt Ion:105 Resp: 9202  
 Ion Ratio Lower Upper  
 105 100  
 120 46.0 22.7 68.1

