

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN111422\  
 Data File : VN075263.D  
 Acq On : 14 Nov 2022 14:16  
 Operator : JC\MD  
 Sample : N5417-02  
 Misc : 5.03g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 AUD-1732

Quant Time: Nov 15 03:51:54 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N102622W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 27 09:48:49 2022  
 Response via : Initial Calibration

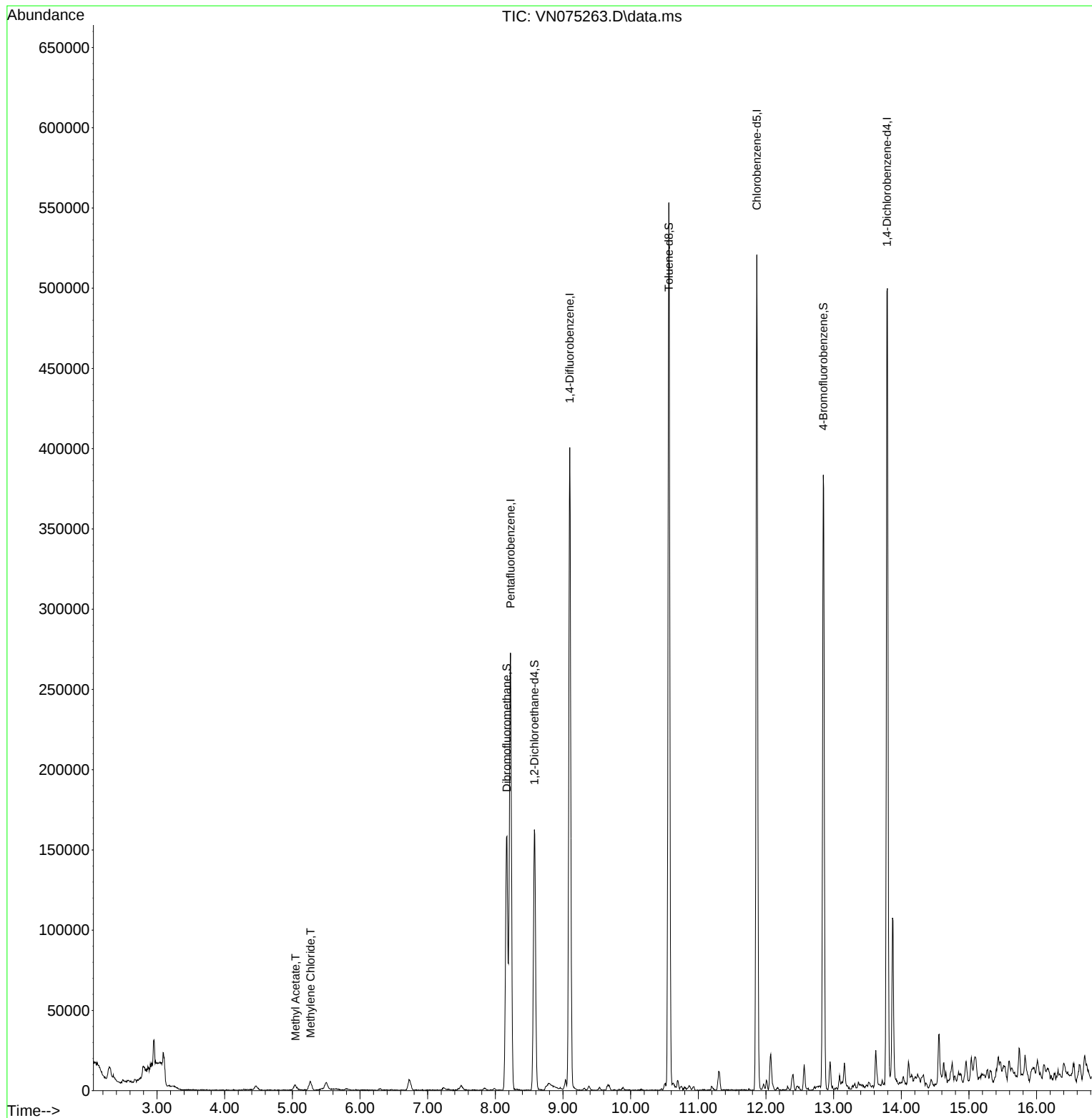
| Compound                    | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|----------|--------|----------|
| -----                       |                |      |            |          |        |          |
| Internal Standards          |                |      |            |          |        |          |
| 1) Pentafluorobenzene       | 8.224          | 168  | 198562     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.100          | 114  | 356075     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.865         | 117  | 302066     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.788         | 152  | 137719     | 50.000   | ug/l   | 0.00     |
|                             |                |      |            |          |        |          |
| System Monitoring Compounds |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.577          | 65   | 130473     | 48.768   | ug/l   | -0.01    |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = | 97.540%  |        |          |
| 35) Dibromofluoromethane    | 8.171          | 113  | 115680     | 55.340   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = | 110.680% |        |          |
| 50) Toluene-d8              | 10.565         | 98   | 385992     | 47.595   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = | 95.180%  |        |          |
| 62) 4-Bromofluorobenzene    | 12.847         | 95   | 136109     | 47.776   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = | 95.560%  |        |          |
|                             |                |      |            |          |        |          |
| Target Compounds            |                |      |            |          |        |          |
| 18) Methyl Acetate          | 5.047          | 43   | 7074       | 1.912    | ug/l   | 95       |
| 20) Methylene Chloride      | 5.271          | 84   | 4678       | 1.852    | ug/l # | 68       |
| -----                       |                |      |            |          |        |          |

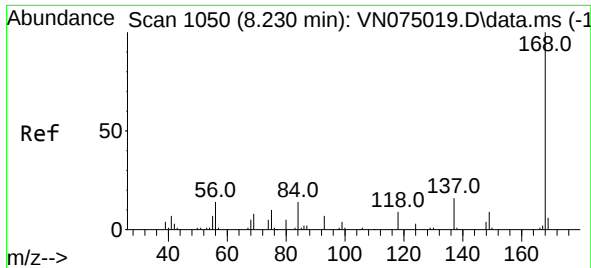
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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AUD-1732

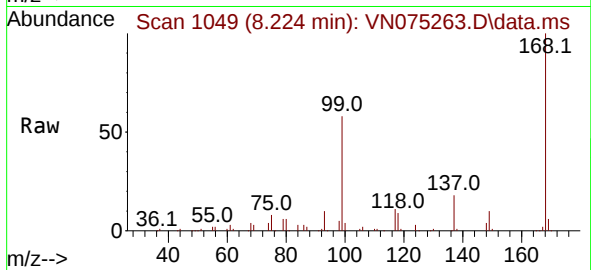
Quant Time: Nov 15 03:51:54 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N102622W.M  
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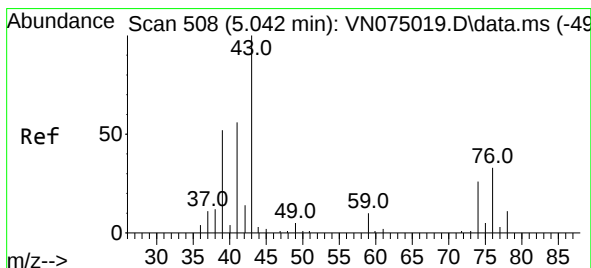
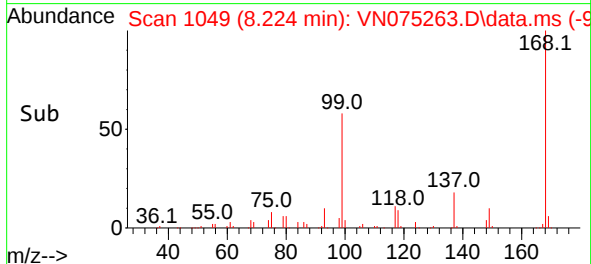
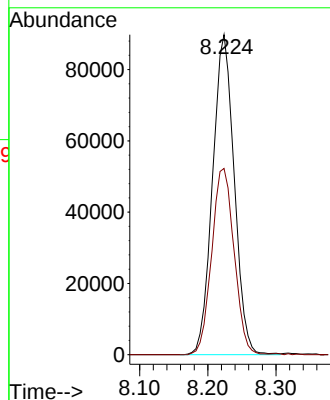


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1049  
Delta R.T. -0.006 min  
Lab File: VN075263.D  
Acq: 14 Nov 2022 14:16

Instrument :  
MSVOA\_N  
ClientSampleId :  
AUD-1732

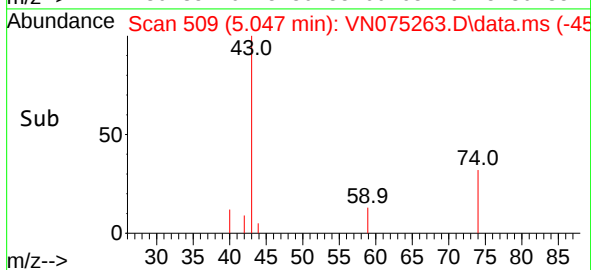
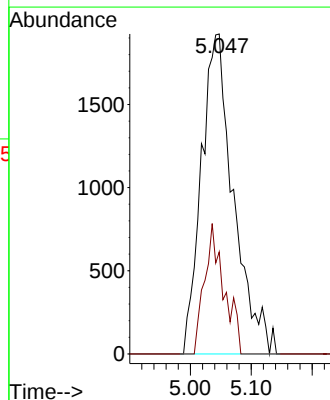
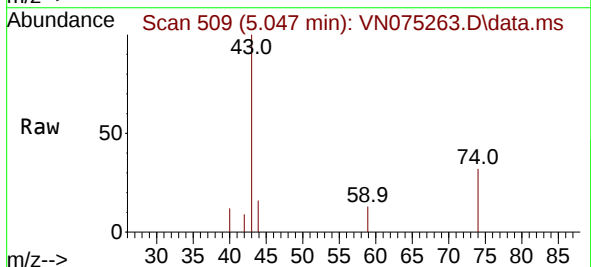


Tgt Ion:168 Resp: 198562  
Ion Ratio Lower Upper  
168 100  
99 58.2 51.6 77.4



#18  
Methyl Acetate  
Concen: 1.912 ug/l  
RT: 5.047 min Scan# 509  
Delta R.T. 0.005 min  
Lab File: VN075263.D  
Acq: 14 Nov 2022 14:16

Tgt Ion: 43 Resp: 7074  
Ion Ratio Lower Upper  
43 100  
74 24.8 22.0 33.0

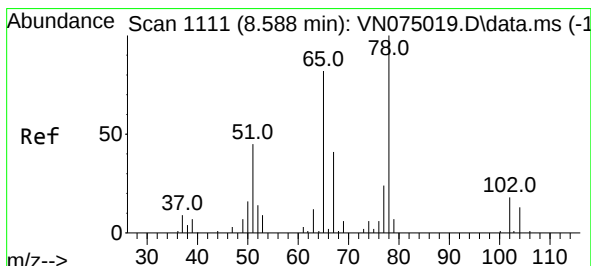
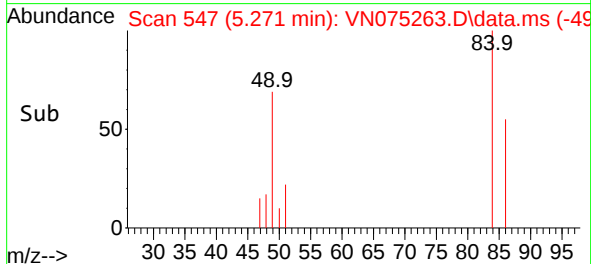
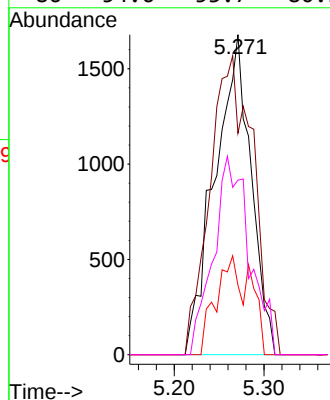
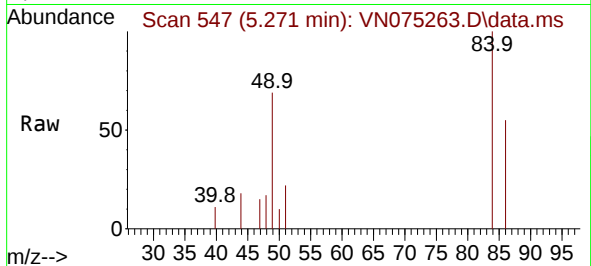




#20  
Methylene Chloride  
Concen: 1.852 ug/l  
RT: 5.271 min Scan# 54  
Delta R.T. -0.012 min  
Lab File: VN075263.D  
Acq: 14 Nov 2022 14:16

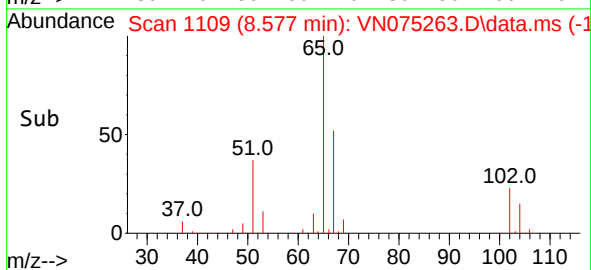
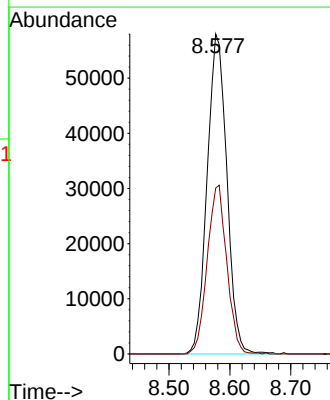
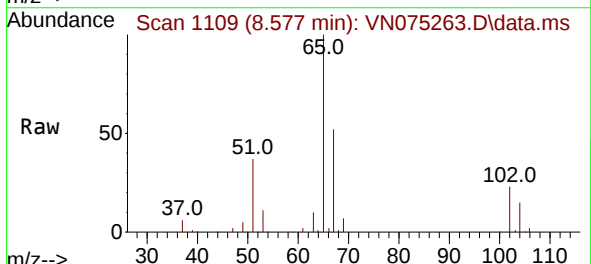
Instrument :  
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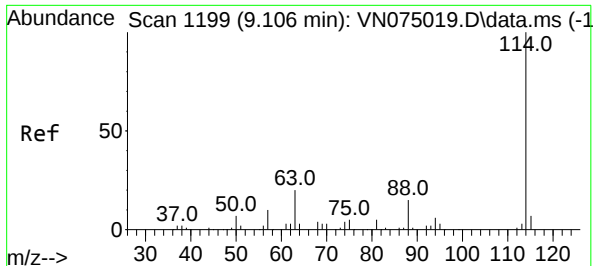
|             |             |
|-------------|-------------|
| Tgt Ion: 84 | Resp: 4678  |
| Ion Ratio   | Lower Upper |
| 84 100      |             |
| 49 69.2     | 94.9 142.3# |
| 51 21.7     | 26.8 40.2#  |
| 86 54.6     | 53.7 80.5   |



#33  
1,2-Dichloroethane-d4  
Concen: 48.768 ug/l  
RT: 8.577 min Scan# 1109  
Delta R.T. -0.011 min  
Lab File: VN075263.D  
Acq: 14 Nov 2022 14:16

|             |              |
|-------------|--------------|
| Tgt Ion: 65 | Resp: 130473 |
| Ion Ratio   | Lower Upper  |
| 65 100      |              |
| 67 52.3     | 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: VN075263.D

Acq: 14 Nov 2022 14:16

Instrument :

MSVOA\_N

ClientSampleId :

AUD-1732

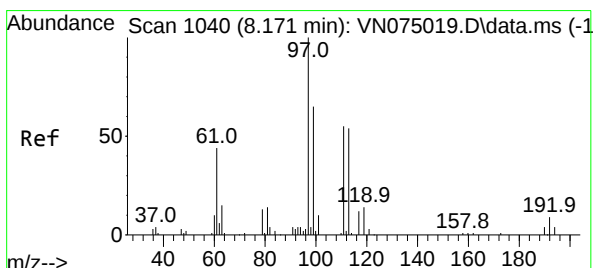
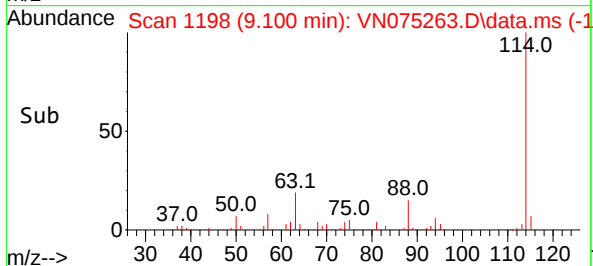
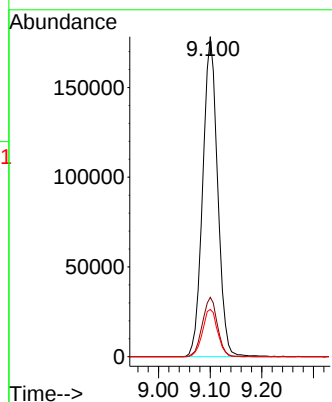
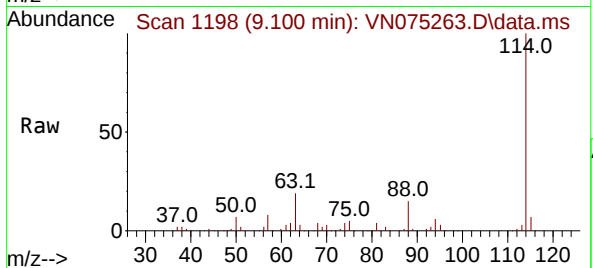
Tgt Ion:114 Resp: 356075

Ion Ratio Lower Upper

114 100

63 18.5 0.0 39.6

88 14.7 0.0 29.0



#35

Dibromofluoromethane

Concen: 55.340 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075263.D

Acq: 14 Nov 2022 14:16

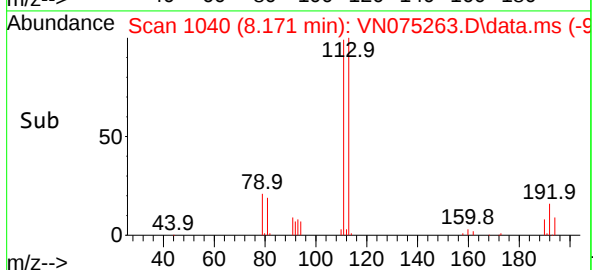
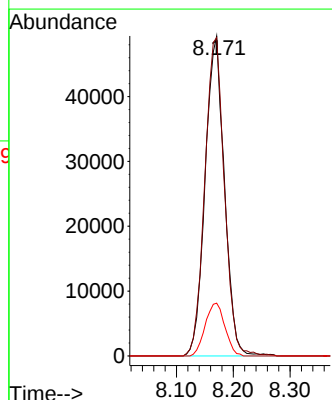
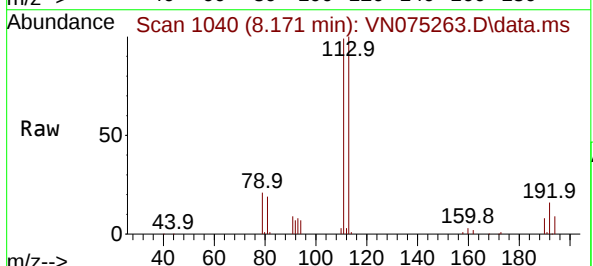
Tgt Ion:113 Resp: 115680

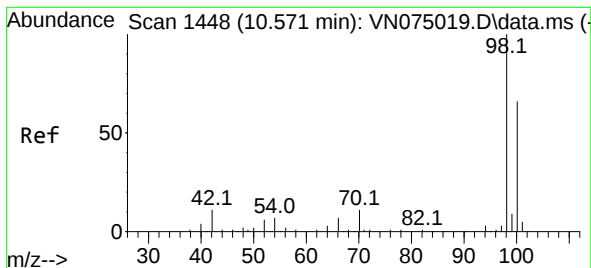
Ion Ratio Lower Upper

113 100

111 101.5 80.5 120.7

192 16.9 13.2 19.8





#50

Toluene-d8

Concen: 47.595 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VN075263.D

Acq: 14 Nov 2022 14:16

Instrument :

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ClientSampleId :

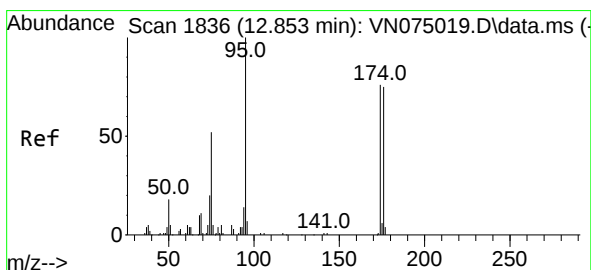
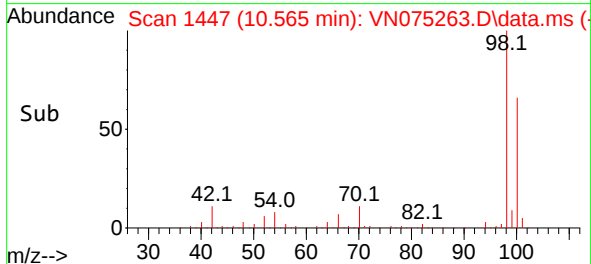
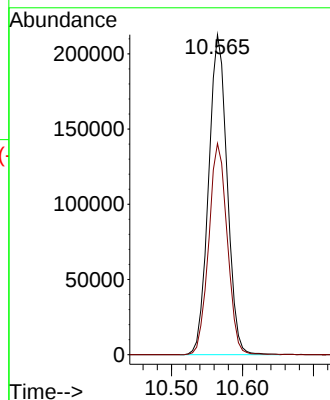
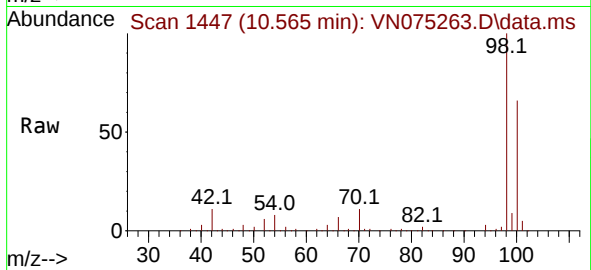
AUD-1732

Tgt Ion: 98 Resp: 385992

Ion Ratio Lower Upper

98 100

100 65.9 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 47.776 ug/l

RT: 12.847 min Scan# 1835

Delta R.T. -0.006 min

Lab File: VN075263.D

Acq: 14 Nov 2022 14:16

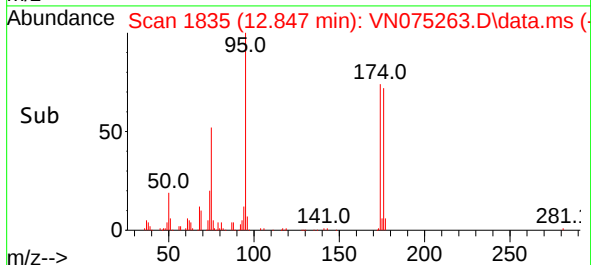
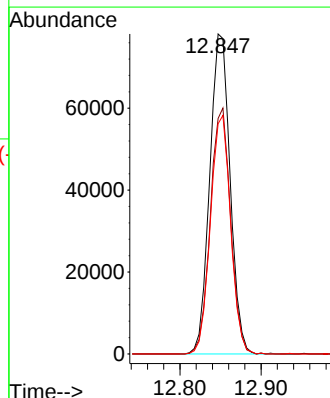
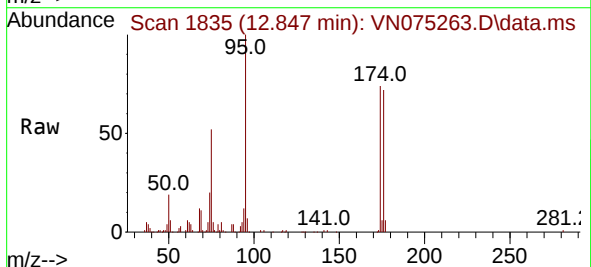
Tgt Ion: 95 Resp: 136109

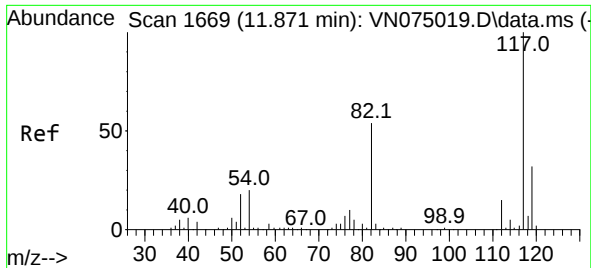
Ion Ratio Lower Upper

95 100

174 76.5 0.0 147.4

176 73.7 0.0 142.2

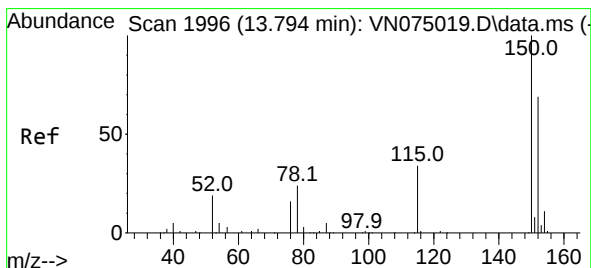
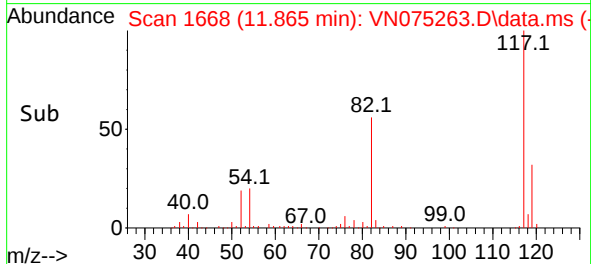
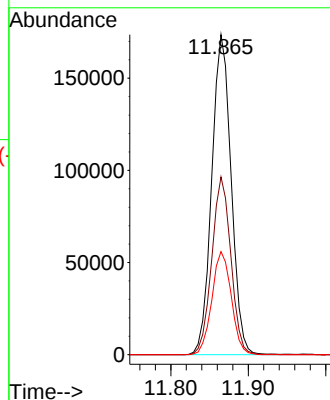
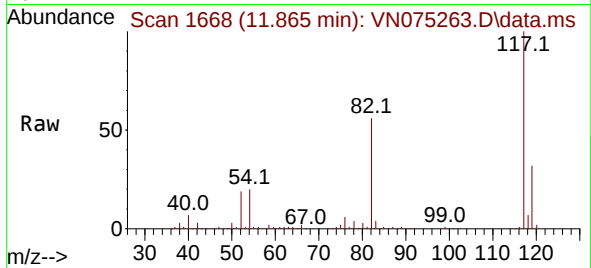




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN075263.D  
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Tgt Ion:117 Resp: 302066  
Ion Ratio Lower Upper  
117 100  
82 55.5 43.1 64.7  
119 32.2 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.788 min Scan# 1995  
Delta R.T. -0.006 min  
Lab File: VN075263.D  
Acq: 14 Nov 2022 14:16

Tgt Ion:152 Resp: 137719  
Ion Ratio Lower Upper  
152 100  
115 62.2 30.2 90.6  
150 157.0 0.0 348.4

