

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN091624\  
 Data File : VN083920.D  
 Acq On : 16 Sep 2024 16:15  
 Operator : JC\MD  
 Sample : P3957-15DL 10X  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RE104D2-20240911DL

Quant Time: Sep 17 02:34:22 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091024W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 11 15:18:56 2024  
 Response via : Initial Calibration

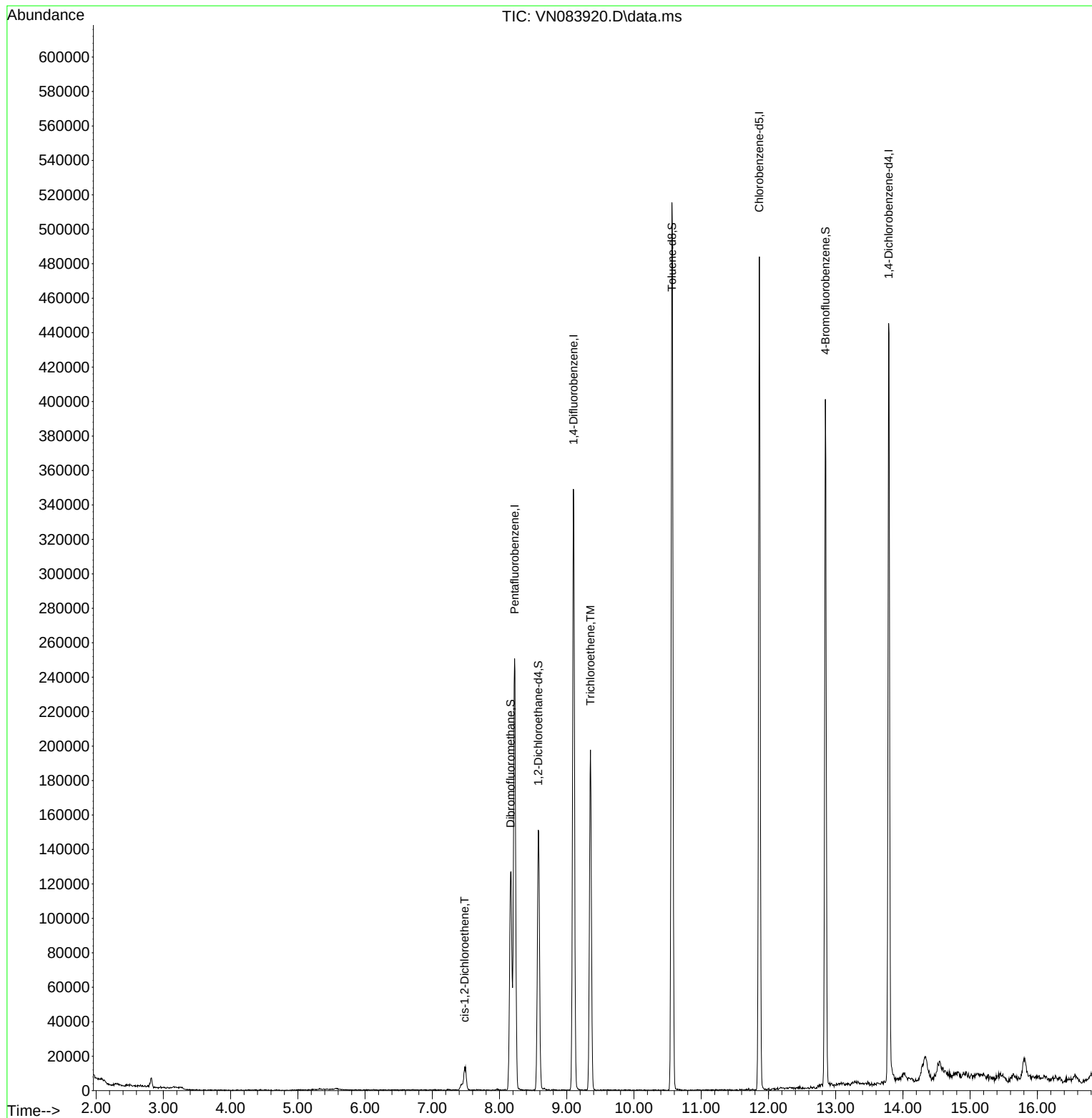
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 8.224  | 168   | 171011   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.100  | 114   | 284938   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.865 | 117   | 252362   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.788 | 152   | 109636   | 50.000   | ug/l       | 0.00     |
|                             |        |       |          |          |            |          |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.577  | 65    | 130221   | 50.501   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 101.000% |          |
| 35) Dibromofluoromethane    | 8.165  | 113   | 92036    | 50.455   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 100.900% |          |
| 50) Toluene-d8              | 10.565 | 98    | 346191   | 54.897   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 109.800% |          |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 133344   | 51.251   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | = 102.500% |          |
|                             |        |       |          |          |            |          |
| Target Compounds            |        |       |          |          |            | Qvalue   |
| 27) cis-1,2-Dichloroethene  | 7.483  | 96    | 8377     | 3.560    | ug/l       | 88       |
| 44) Trichloroethene         | 9.353  | 130   | 67019    | 35.021   | ug/l       | 93       |
| -----                       |        |       |          |          |            |          |

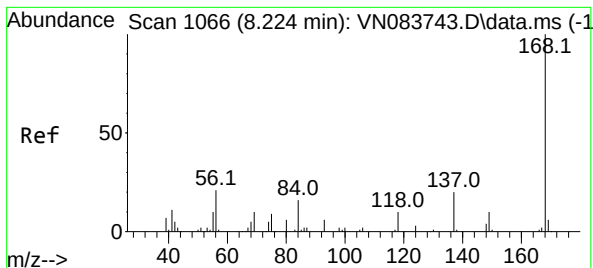
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_N  
ClientSampleId :  
RE104D2-20240911DL

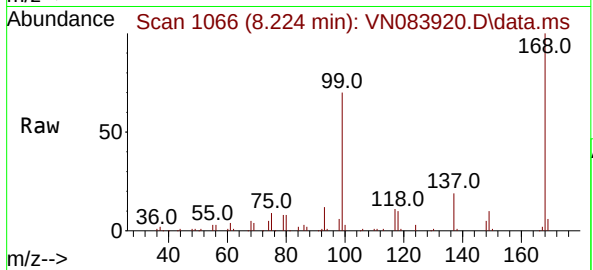
Quant Time: Sep 17 02:34:22 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091024W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 11 15:18:56 2024  
Response via : Initial Calibration



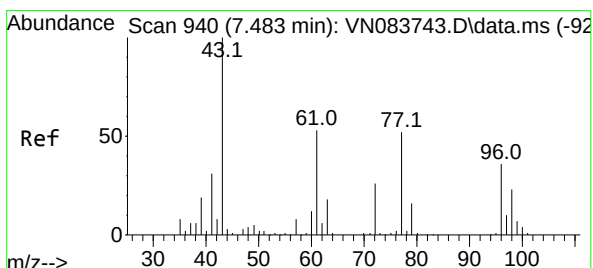
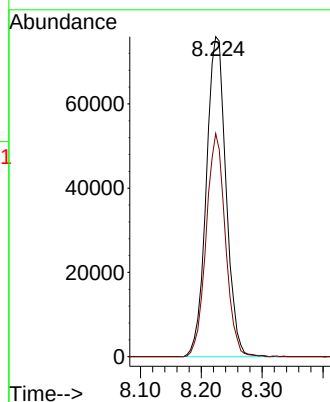
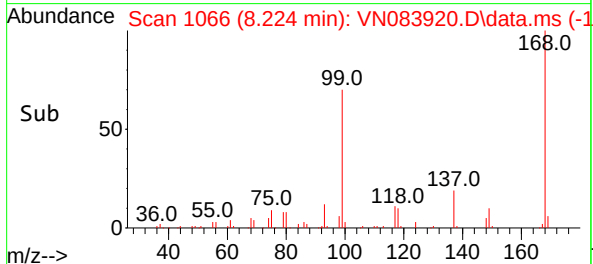


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN083920.D  
Acq: 16 Sep 2024 16:15

Instrument :  
MSVOA\_N  
ClientSampleId :  
RE104D2-20240911DL

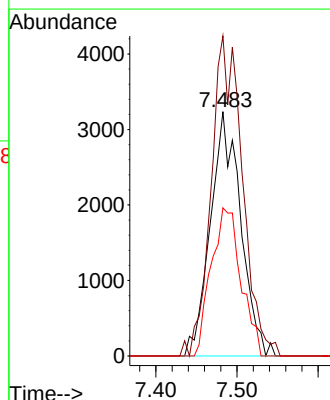
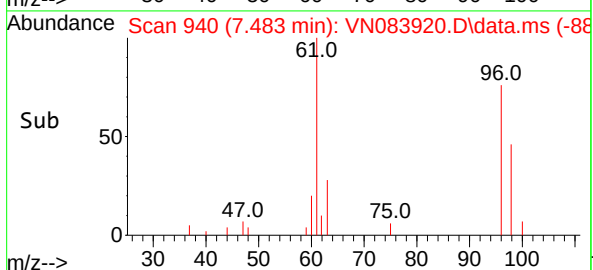
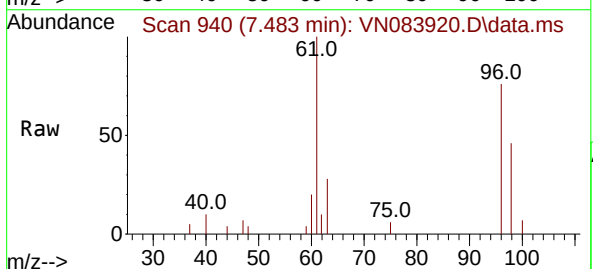


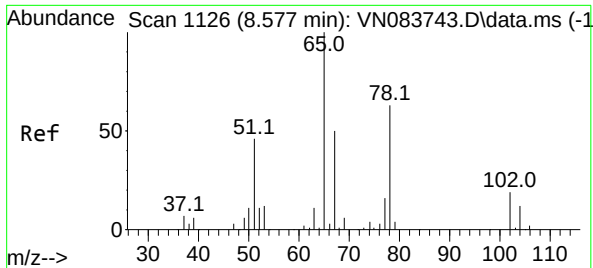
Tgt Ion:168 Resp: 171011  
Ion Ratio Lower Upper  
168 100  
99 69.7 54.2 81.2



#27  
cis-1,2-Dichloroethene  
Concen: 3.560 ug/l  
RT: 7.483 min Scan# 940  
Delta R.T. -0.000 min  
Lab File: VN083920.D  
Acq: 16 Sep 2024 16:15

Tgt Ion: 96 Resp: 8377  
Ion Ratio Lower Upper  
96 100  
61 134.9 0.0 306.2  
98 59.8 0.0 128.6





#33

1,2-Dichloroethane-d4

Concen: 50.501 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN083920.D

Acq: 16 Sep 2024 16:15

Instrument :

MSVOA\_N

ClientSampleId :

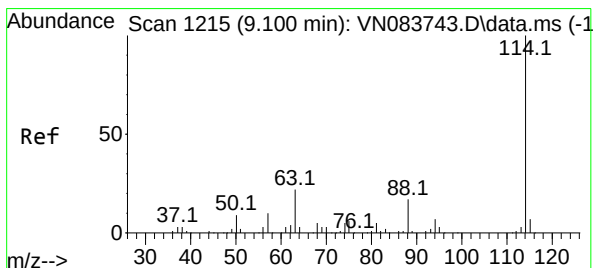
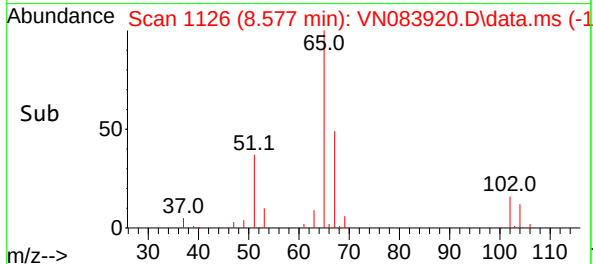
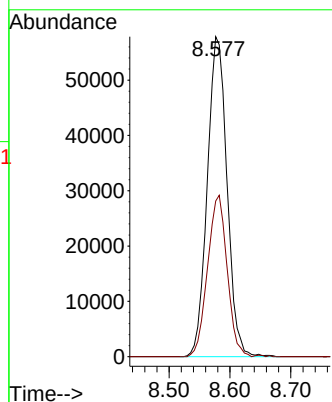
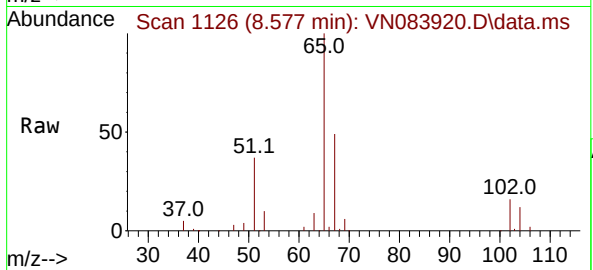
RE104D2-20240911DL

Tgt Ion: 65 Resp: 130221

Ion Ratio Lower Upper

65 100

67 50.0 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN083920.D

Acq: 16 Sep 2024 16:15

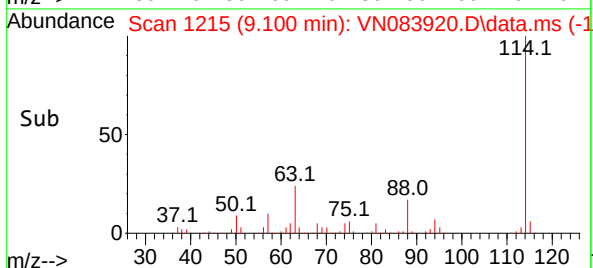
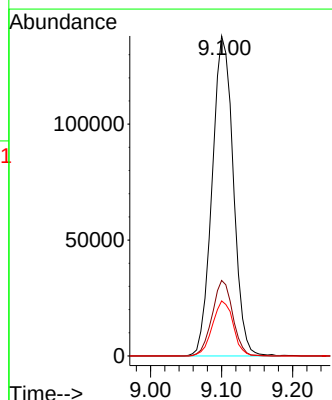
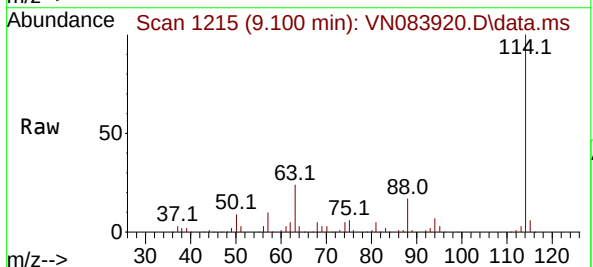
Tgt Ion: 114 Resp: 284938

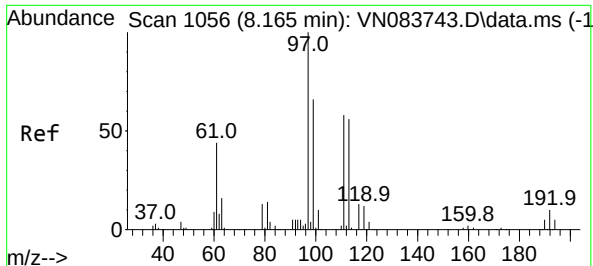
Ion Ratio Lower Upper

114 100

63 23.6 0.0 43.4

88 17.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.455 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083920.D

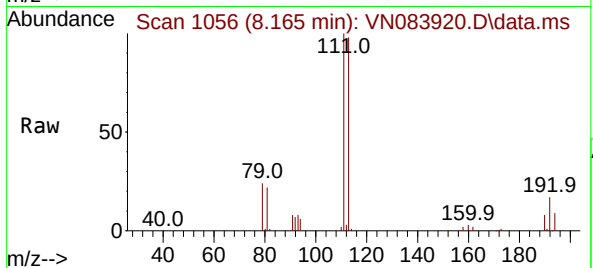
Acq: 16 Sep 2024 16:15

Instrument :

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RE104D2-20240911DL



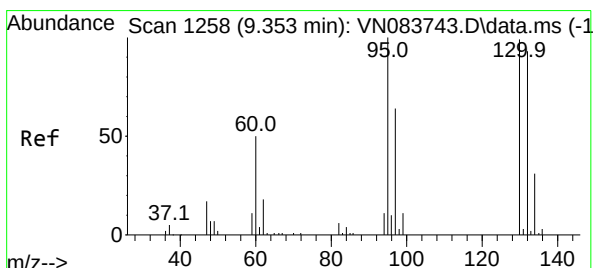
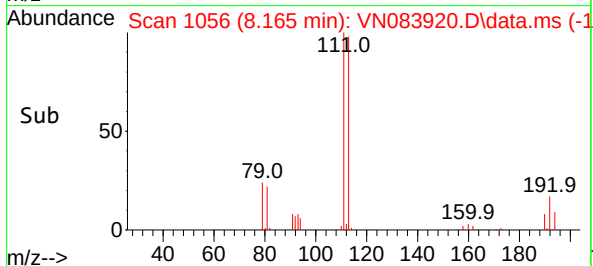
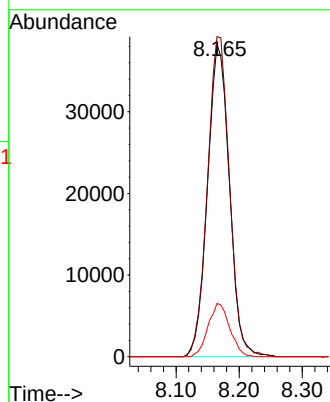
Tgt Ion:113 Resp: 92036

Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 16.8 14.3 21.5



#44

Trichloroethene

Concen: 35.021 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VN083920.D

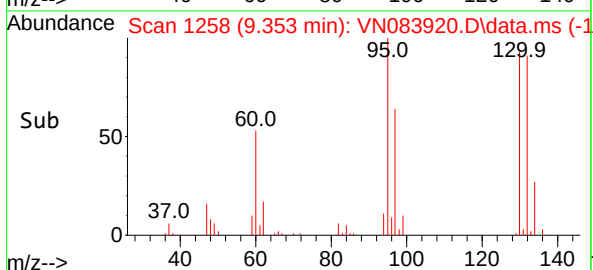
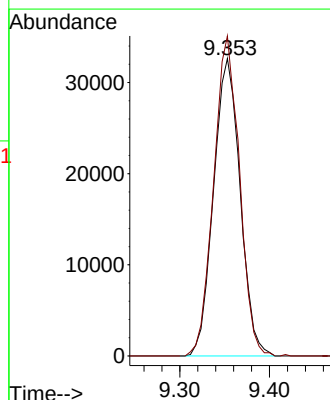
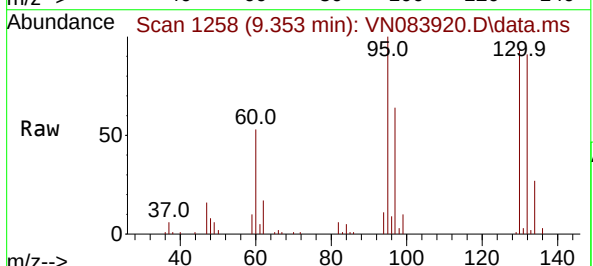
Acq: 16 Sep 2024 16:15

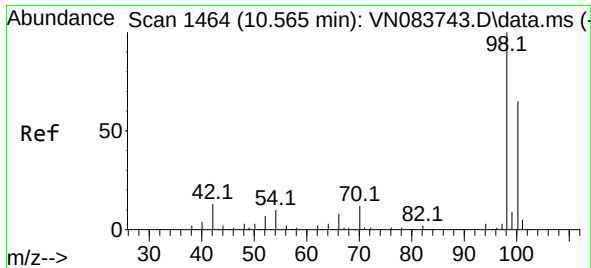
Tgt Ion:130 Resp: 67019

Ion Ratio Lower Upper

130 100

95 107.6 0.0 200.4

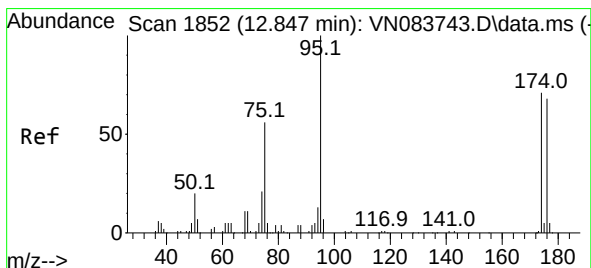
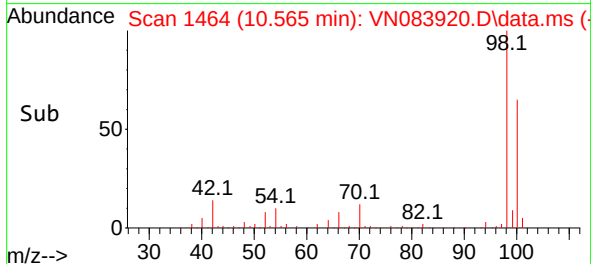
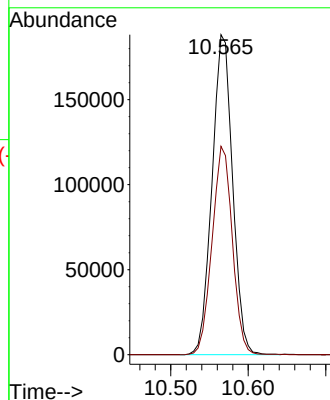
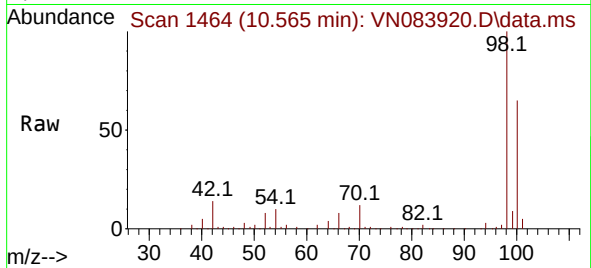




#50  
Toluene-d8  
Concen: 54.897 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. -0.000 min  
Lab File: VN083920.D  
Acq: 16 Sep 2024 16:15

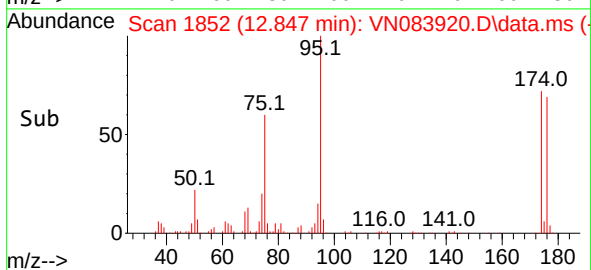
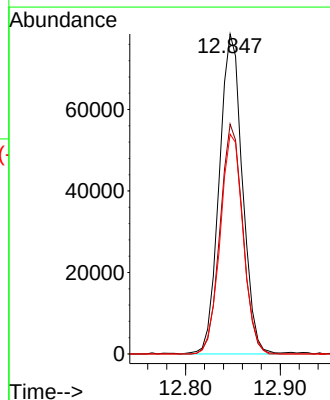
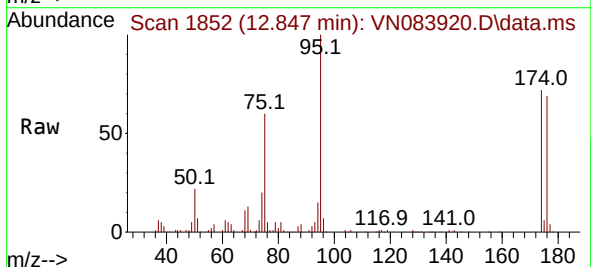
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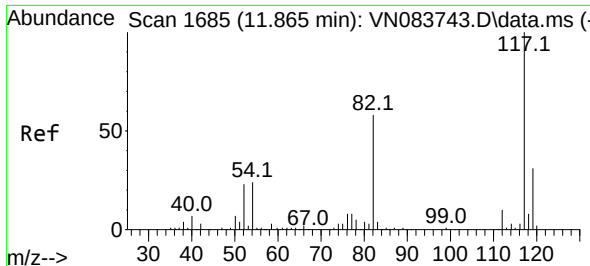
Tgt Ion: 98 Resp: 346191  
Ion Ratio Lower Upper  
98 100  
100 64.4 52.0 78.0



#62  
4-Bromofluorobenzene  
Concen: 51.251 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN083920.D  
Acq: 16 Sep 2024 16:15

Tgt Ion: 95 Resp: 133344  
Ion Ratio Lower Upper  
95 100  
174 70.4 0.0 139.8  
176 68.1 0.0 131.4

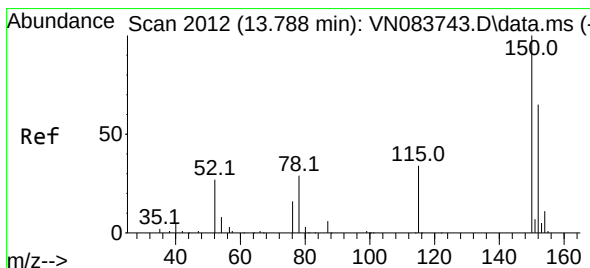
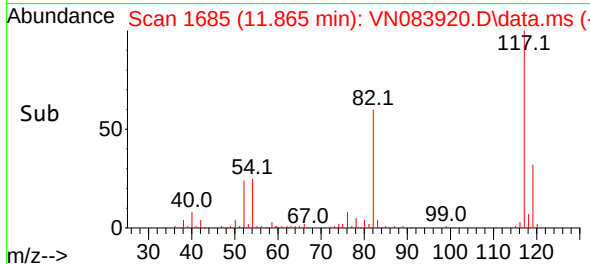
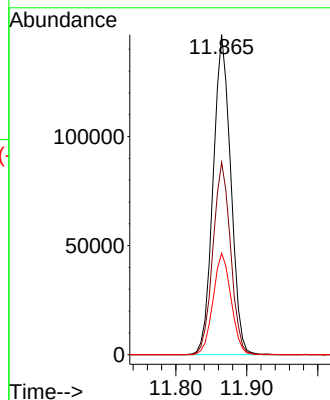
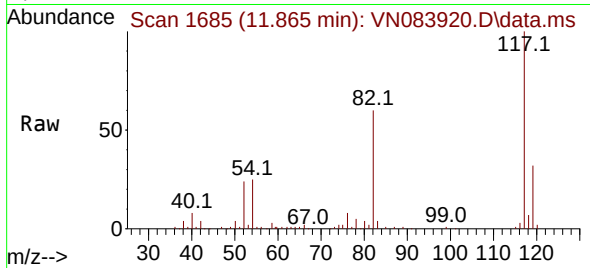




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN083920.D  
Acq: 16 Sep 2024 16:15

Instrument :  
MSVOA\_N  
ClientSampleId :  
RE104D2-20240911DL

Tgt Ion:117 Resp: 252362  
Ion Ratio Lower Upper  
117 100  
82 60.1 47.4 71.0  
119 31.7 26.3 39.5



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.788 min Scan# 2012  
Delta R.T. -0.000 min  
Lab File: VN083920.D  
Acq: 16 Sep 2024 16:15

Tgt Ion:152 Resp: 109636  
Ion Ratio Lower Upper  
152 100  
115 65.0 32.2 96.6  
150 157.7 0.0 348.6

