

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN083024\  
 Data File : VN083601.D  
 Acq On : 31 Aug 2024 07:45  
 Operator : JC\MD  
 Sample : P3769-05  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-15B-42.5-082724

Quant Time: Sep 02 01:00:31 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N083024W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Aug 31 00:48:10 2024  
 Response via : Initial Calibration

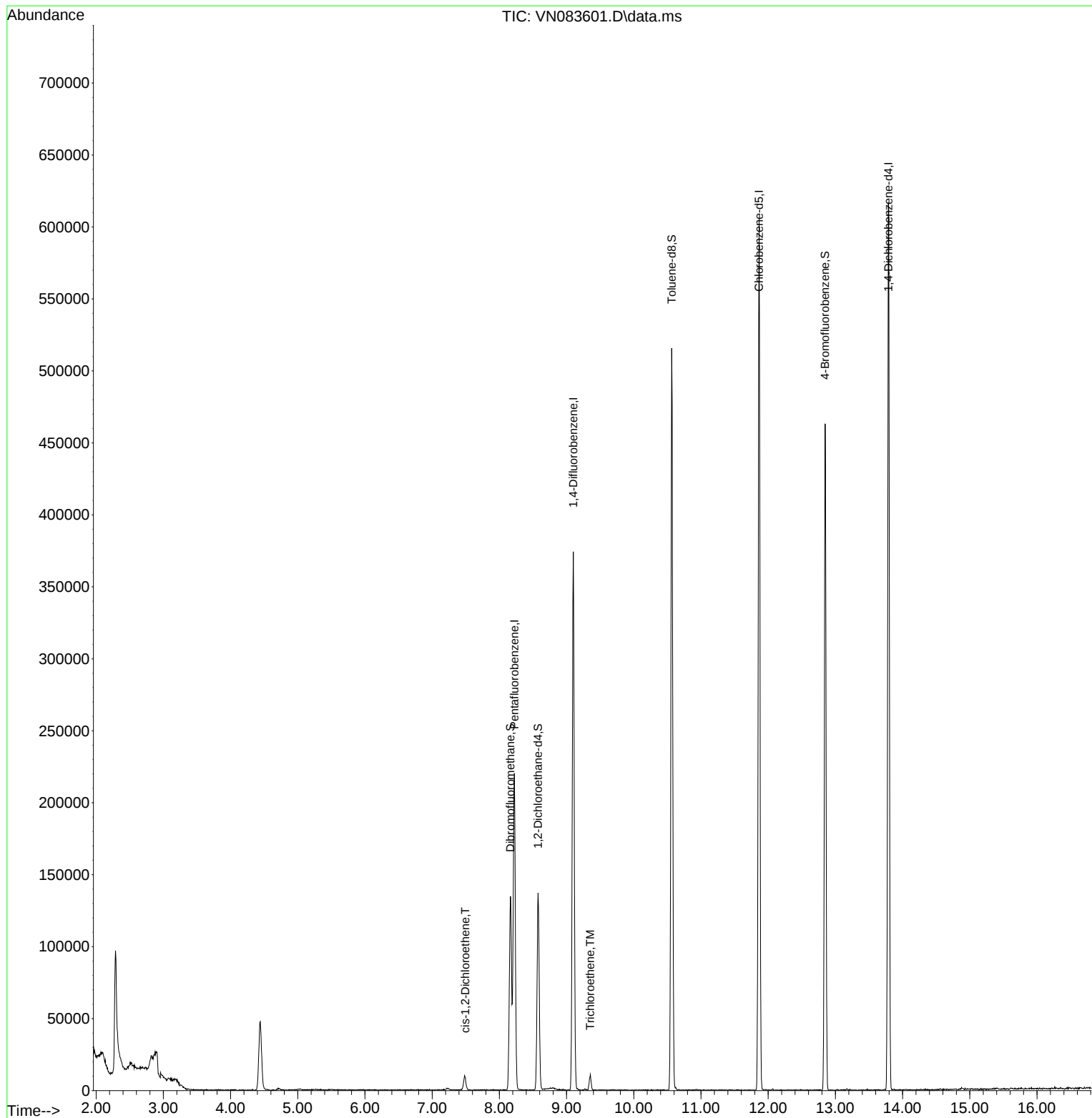
| Compound                    | R.T.           | QIon | Response            | Conc   | Units | Dev(Min) |
|-----------------------------|----------------|------|---------------------|--------|-------|----------|
| -----                       |                |      |                     |        |       |          |
| Internal Standards          |                |      |                     |        |       |          |
| 1) Pentafluorobenzene       | 8.224          | 168  | 151492              | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.100          | 114  | 309229              | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.865         | 117  | 330632              | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.788         | 152  | 160796              | 50.000 | ug/l  | 0.00     |
|                             |                |      |                     |        |       |          |
| System Monitoring Compounds |                |      |                     |        |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.577          | 65   | 117847              | 55.661 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = 111.320% |        |       |          |
| 35) Dibromofluoromethane    | 8.165          | 113  | 95534               | 51.330 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = 102.660% |        |       |          |
| 50) Toluene-d8              | 10.565         | 98   | 345744              | 47.703 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = 95.400%  |        |       |          |
| 62) 4-Bromofluorobenzene    | 12.847         | 95   | 159926              | 59.565 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 77 - 121 |      | Recovery = 119.140% |        |       |          |
|                             |                |      |                     |        |       |          |
| Target Compounds            |                |      |                     |        |       | Qvalue   |
| 27) cis-1,2-Dichloroethene  | 7.494          | 96   | 5430                | 2.632  | ug/l  | 95       |
| 44) Trichloroethene         | 9.353          | 130  | 3671                | 1.747  | ug/l  | 94       |
| -----                       |                |      |                     |        |       |          |

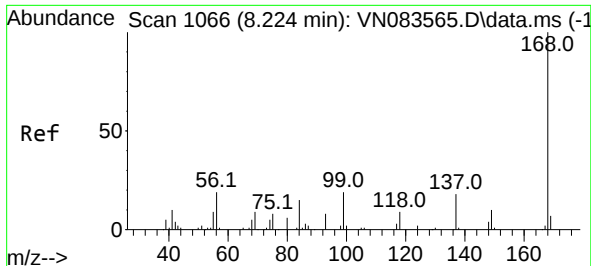
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MW-15B-42.5-082724

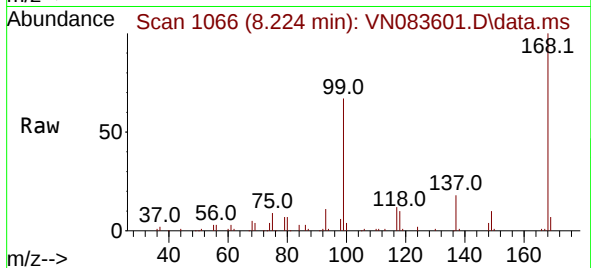
Quant Time: Sep 02 01:00:31 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N083024W.M  
Quant Title : SW846 8260  
QLast Update : Sat Aug 31 00:48:10 2024  
Response via : Initial Calibration



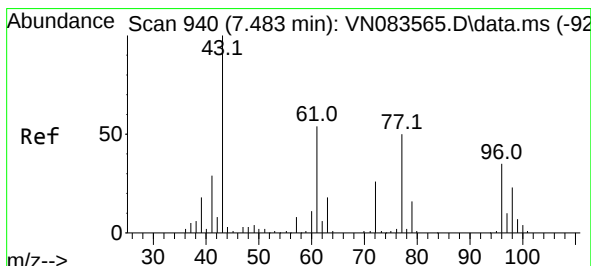
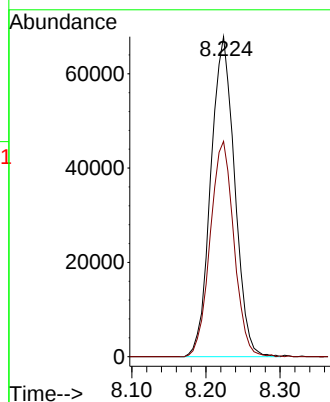
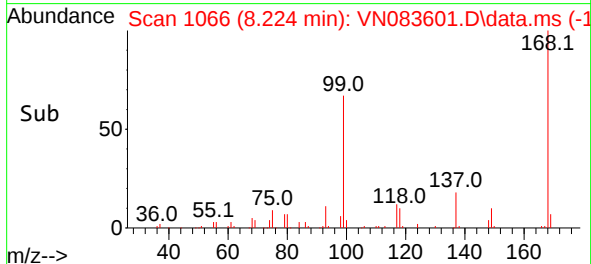


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN083601.D  
Acq: 31 Aug 2024 07:45

Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-15B-42.5-082724

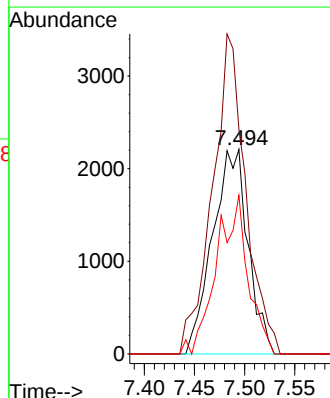
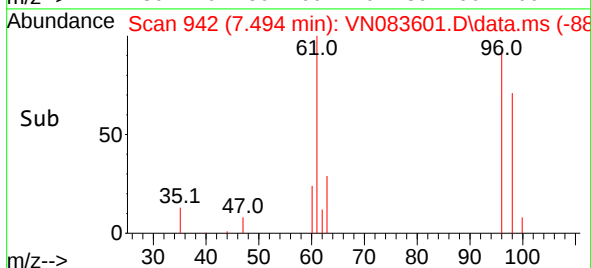
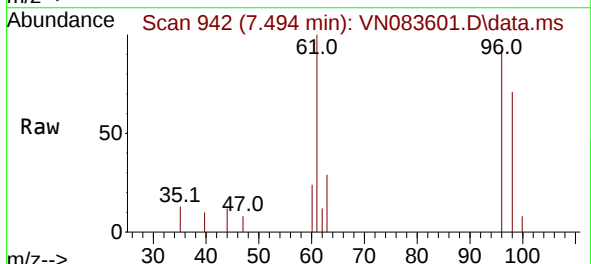


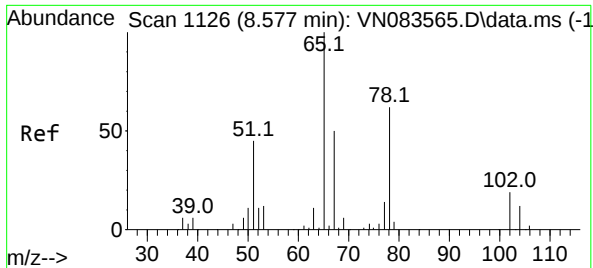
Tgt Ion:168 Resp: 151492  
Ion Ratio Lower Upper  
168 100  
99 67.3 54.2 81.2



#27  
cis-1,2-Dichloroethene  
Concen: 2.632 ug/l  
RT: 7.494 min Scan# 942  
Delta R.T. 0.012 min  
Lab File: VN083601.D  
Acq: 31 Aug 2024 07:45

Tgt Ion: 96 Resp: 5430  
Ion Ratio Lower Upper  
96 100  
61 146.4 0.0 306.2  
98 68.7 0.0 128.6

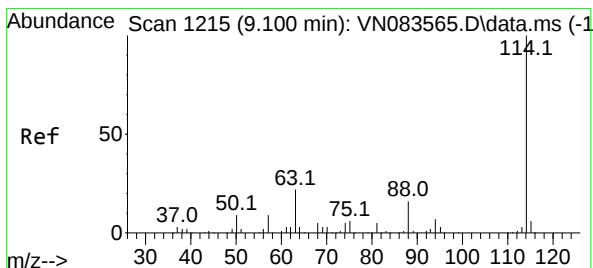
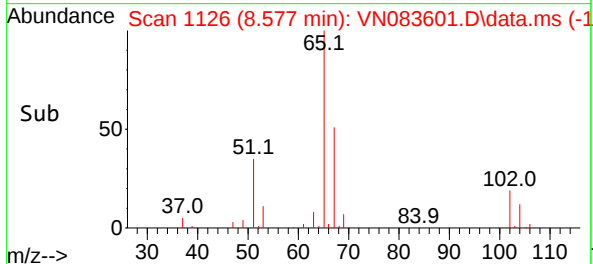
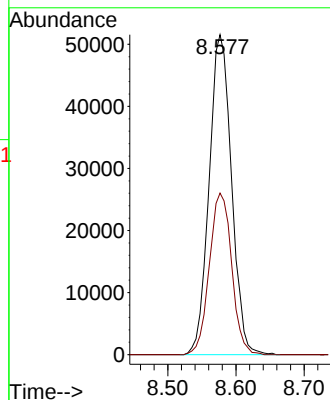
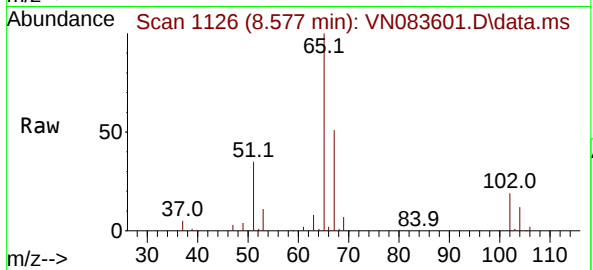




#33  
1,2-Dichloroethane-d4  
Concen: 55.661 ug/l  
RT: 8.577 min Scan# 1126  
Delta R.T. -0.000 min  
Lab File: VN083601.D  
Acq: 31 Aug 2024 07:45

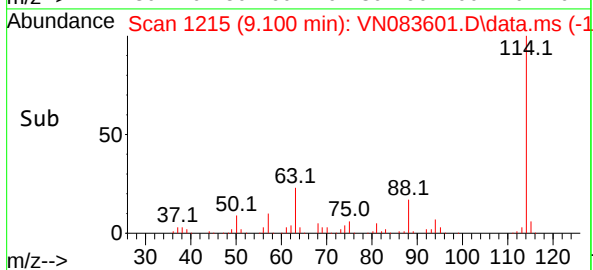
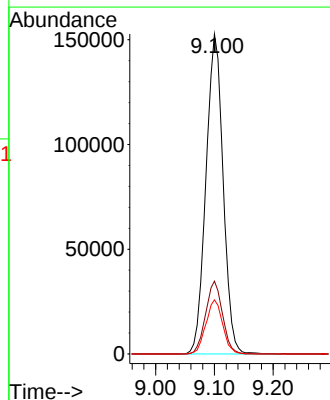
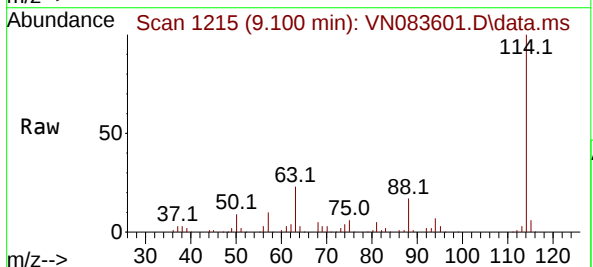
Instrument :  
MSVOA\_N  
ClientSampleId :  
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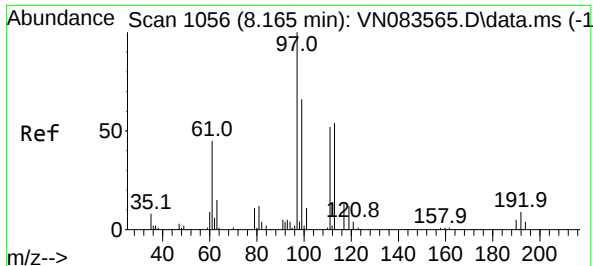
Tgt Ion: 65 Resp: 117847  
Ion Ratio Lower Upper  
65 100  
67 50.4 0.0 100.8



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.100 min Scan# 1215  
Delta R.T. -0.000 min  
Lab File: VN083601.D  
Acq: 31 Aug 2024 07:45

Tgt Ion: 114 Resp: 309229  
Ion Ratio Lower Upper  
114 100  
63 22.7 0.0 43.4  
88 16.9 0.0 32.6

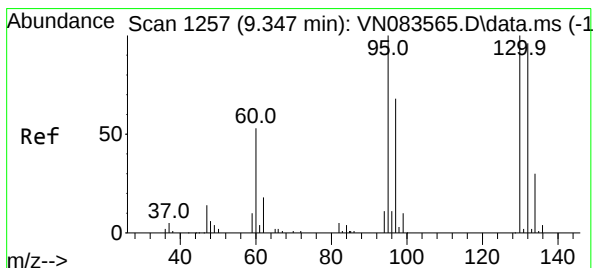
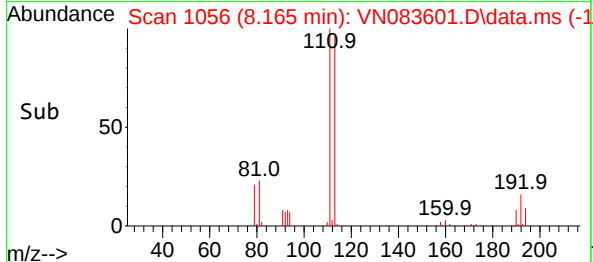
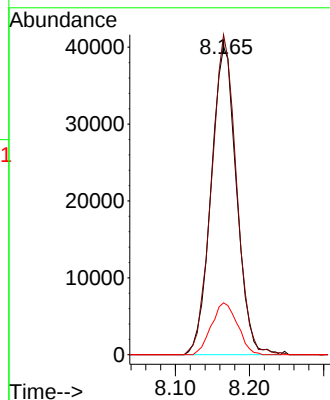
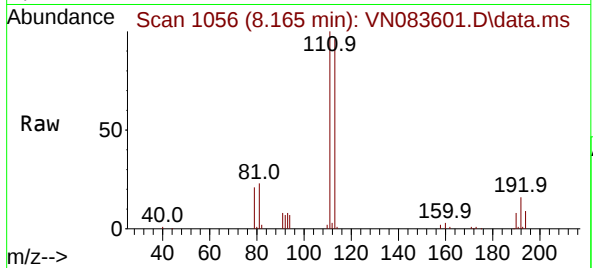




#35  
Dibromofluoromethane  
Concen: 51.330 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VN083601.D  
Acq: 31 Aug 2024 07:45

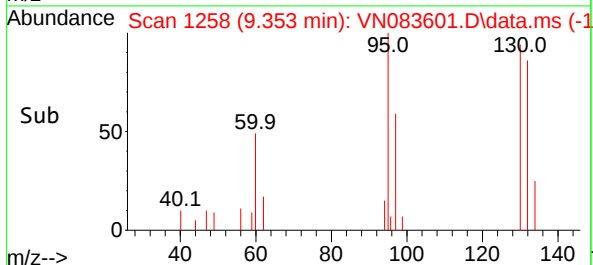
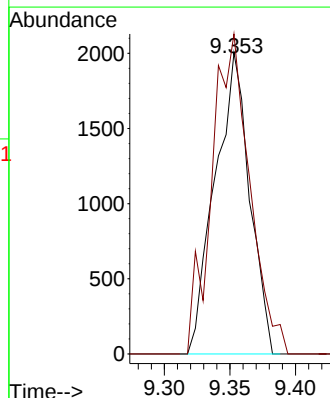
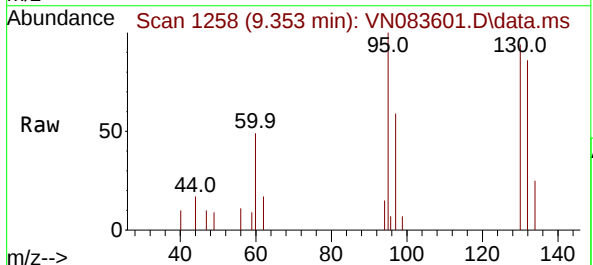
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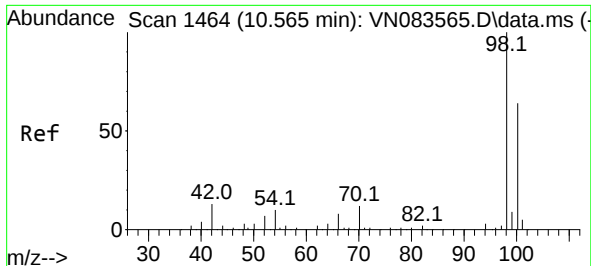
Tgt Ion:113 Resp: 95534  
Ion Ratio Lower Upper  
113 100  
111 101.8 82.6 124.0  
192 17.2 14.3 21.5



#44  
Trichloroethene  
Concen: 1.747 ug/l  
RT: 9.353 min Scan# 1258  
Delta R.T. 0.006 min  
Lab File: VN083601.D  
Acq: 31 Aug 2024 07:45

Tgt Ion:130 Resp: 3671  
Ion Ratio Lower Upper  
130 100  
95 106.2 0.0 200.4

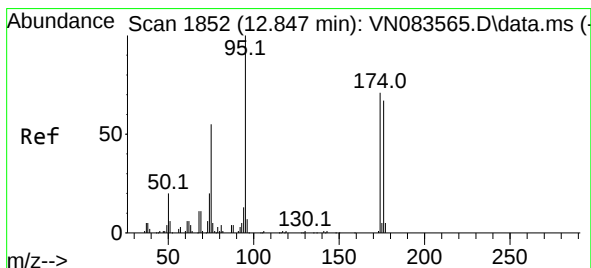
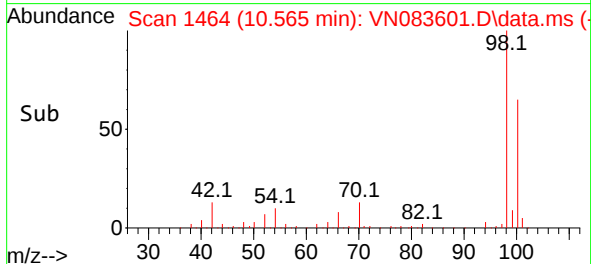
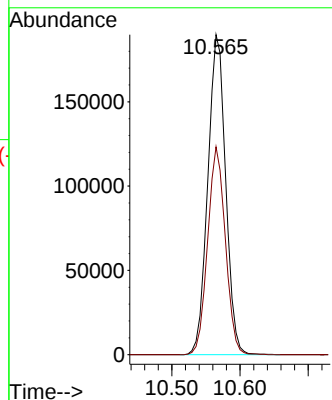
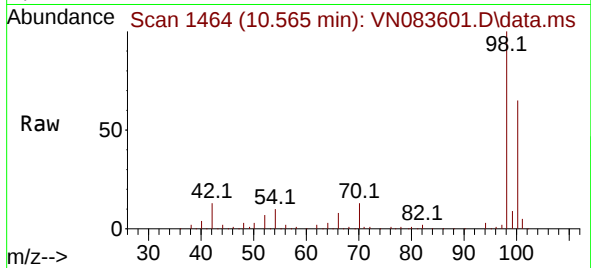




#50  
Toluene-d8  
Concen: 47.703 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. -0.000 min  
Lab File: VN083601.D  
Acq: 31 Aug 2024 07:45

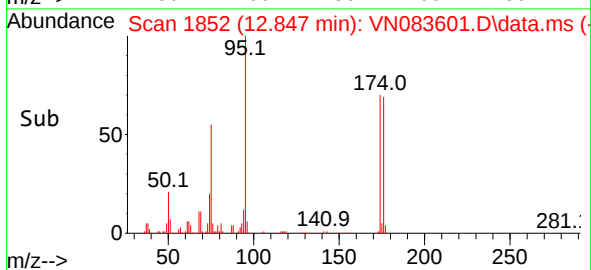
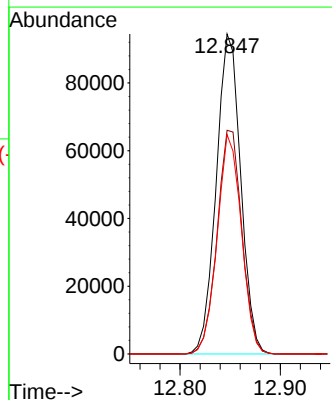
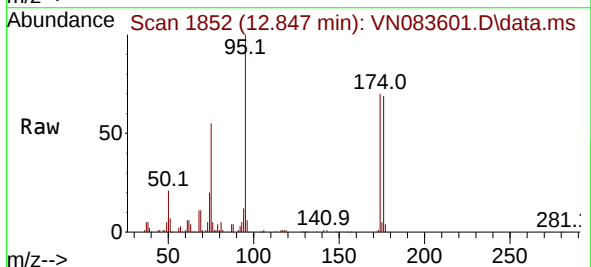
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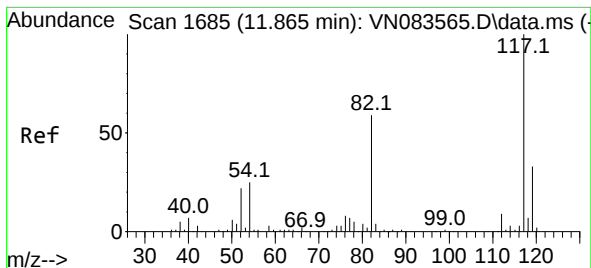
Tgt Ion: 98 Resp: 345744  
Ion Ratio Lower Upper  
98 100  
100 64.4 52.0 78.0



#62  
4-Bromofluorobenzene  
Concen: 59.565 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN083601.D  
Acq: 31 Aug 2024 07:45

Tgt Ion: 95 Resp: 159926  
Ion Ratio Lower Upper  
95 100  
174 70.8 0.0 139.8  
176 67.6 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083601.D

Acq: 31 Aug 2024 07:45

Instrument :

MSVOA\_N

ClientSampleId :

MW-15B-42.5-082724

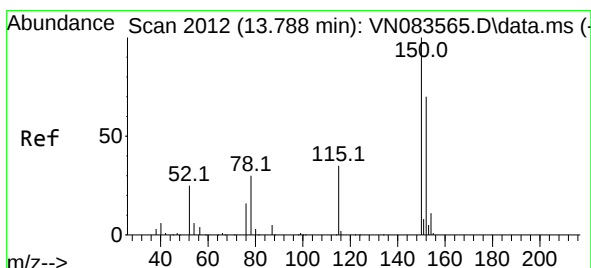
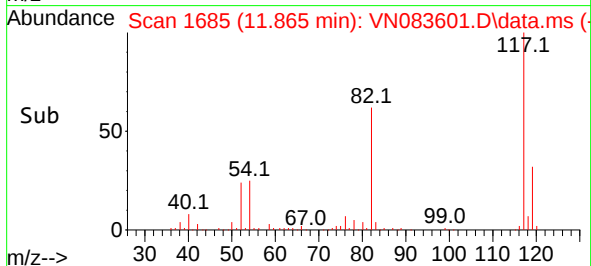
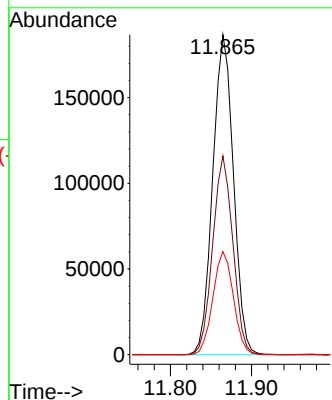
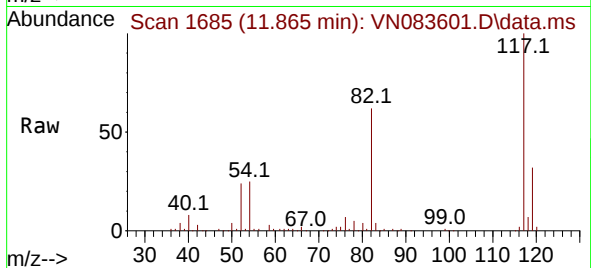
Tgt Ion:117 Resp: 330632

Ion Ratio Lower Upper

117 100

82 62.1 47.4 71.0

119 32.2 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: VN083601.D

Acq: 31 Aug 2024 07:45

Tgt Ion:152 Resp: 160796

Ion Ratio Lower Upper

152 100

115 64.3 32.2 96.6

150 155.6 0.0 348.6

