

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN011524\  
 Data File : VN080717.D  
 Acq On : 15 Jan 2024 15:55  
 Operator : JC\MD  
 Sample : P1144-03  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 SCMW-20S

Quant Time: Jan 16 00:42:08 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011024W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 11 06:34:36 2024  
 Response via : Initial Calibration

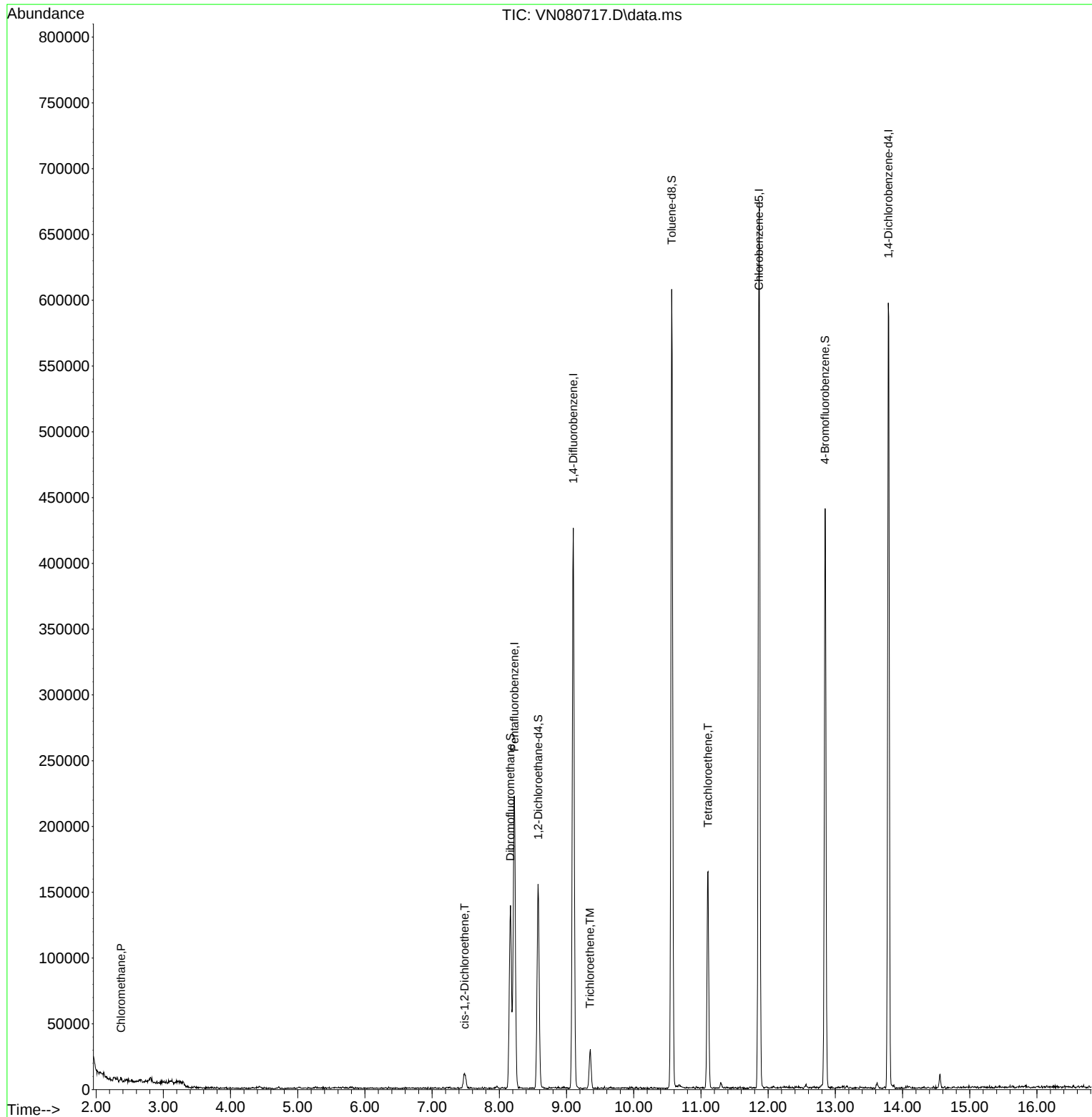
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.224  | 168   | 148522   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.100  | 114   | 340209   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.865 | 117   | 343712   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.788 | 152   | 143990   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.577  | 65    | 115567   | 44.309   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 88.620%  |
| 35) Dibromofluoromethane    | 8.165  | 113   | 96028    | 49.679   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 99.360%  |
| 50) Toluene-d8              | 10.565 | 98    | 393787   | 53.427   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 106.860% |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 155146   | 54.891   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 109.780% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 3) Chloromethane            | 2.371  | 50    | 2527     | 0.272    | ug/l   | 89       |
| 27) cis-1,2-Dichloroethene  | 7.483  | 96    | 7170     | 2.892    | ug/l   | 99       |
| 44) Trichloroethene         | 9.347  | 130   | 9148     | 3.630    | ug/l   | 98       |
| 64) Tetrachloroethene       | 11.106 | 164   | 32631    | 13.824   | ug/l   | 96       |
| -----                       |        |       |          |          |        |          |

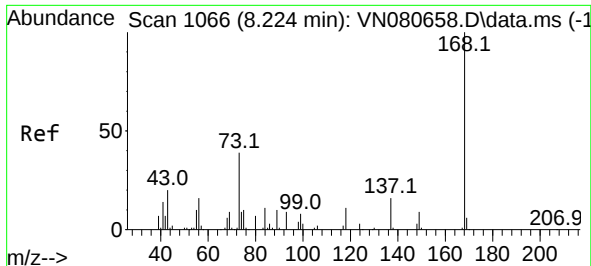
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SCMW-20S

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011024W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jan 11 06:34:36 2024  
Response via : Initial Calibration

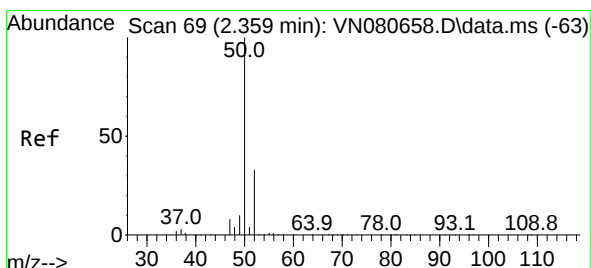
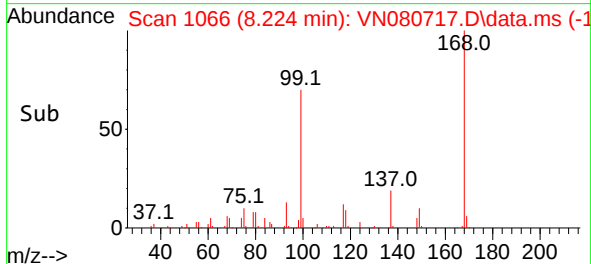
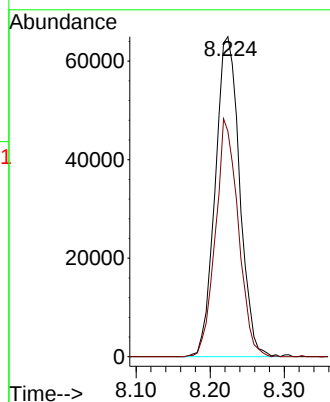
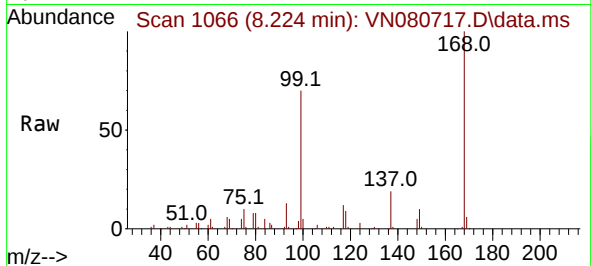




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 10  
Delta R.T. -0.000 min  
Lab File: VN080717.D  
Acq: 15 Jan 2024 15:55

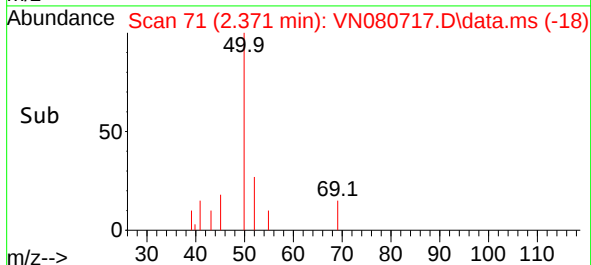
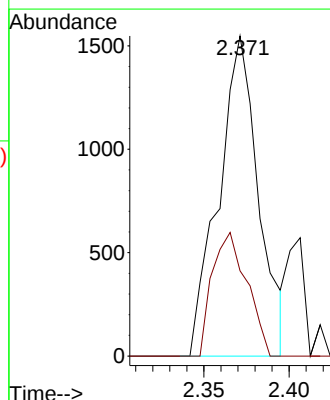
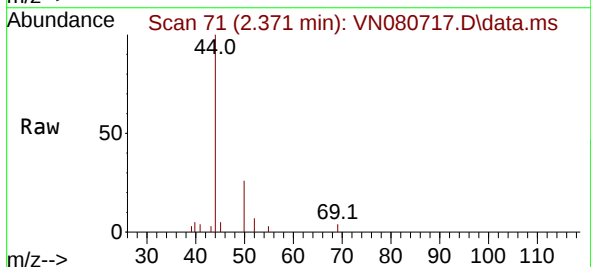
Instrument :  
MSVOA\_N  
ClientSampleId :  
SCMW-20S

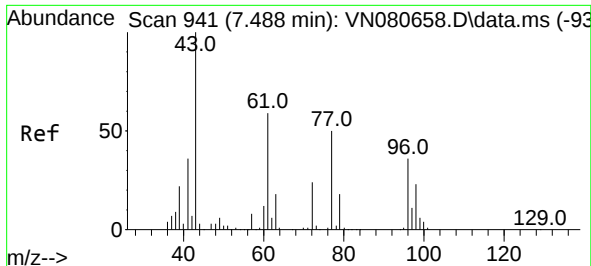
Tgt Ion:168 Resp: 148522  
Ion Ratio Lower Upper  
168 100  
99 70.5 53.0 79.6



#3  
Chloromethane  
Concen: 0.272 ug/l  
RT: 2.371 min Scan# 71  
Delta R.T. 0.012 min  
Lab File: VN080717.D  
Acq: 15 Jan 2024 15:55

Tgt Ion: 50 Resp: 2527  
Ion Ratio Lower Upper  
50 100  
52 26.6 26.5 39.7

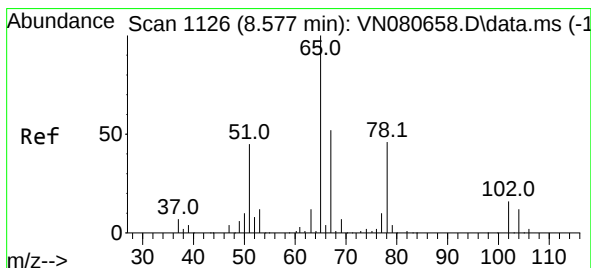
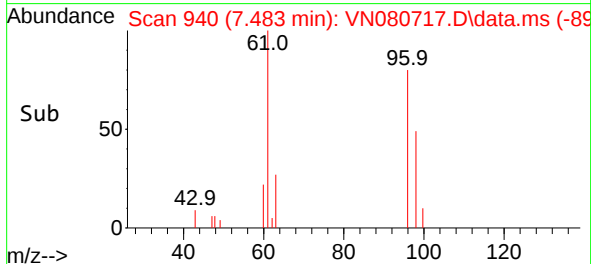
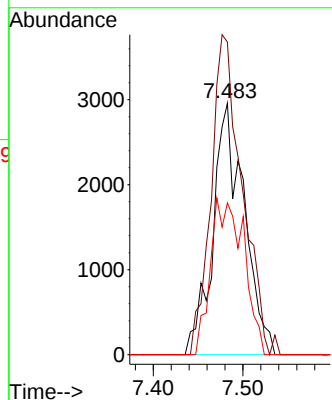
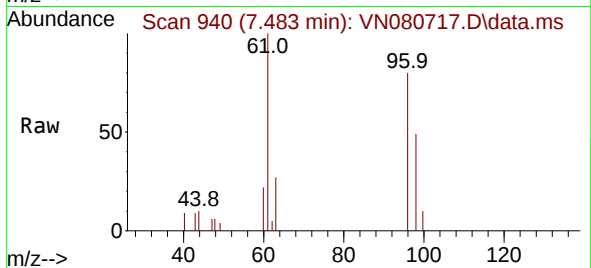




#27  
 cis-1,2-Dichloroethene  
 Concen: 2.892 ug/l  
 RT: 7.483 min Scan# 941  
 Delta R.T. -0.006 min  
 Lab File: VN080717.D  
 Acq: 15 Jan 2024 15:55

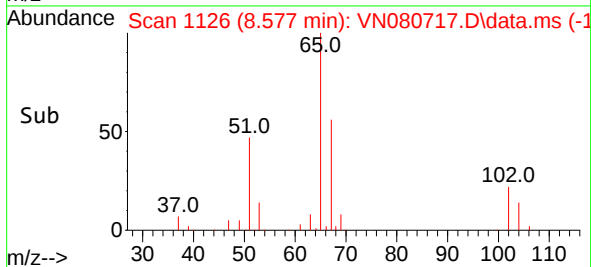
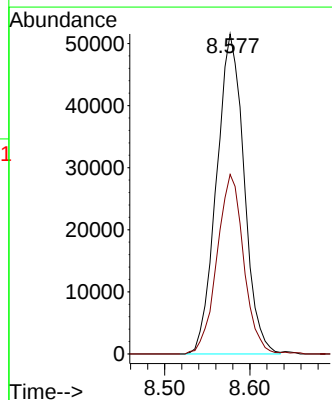
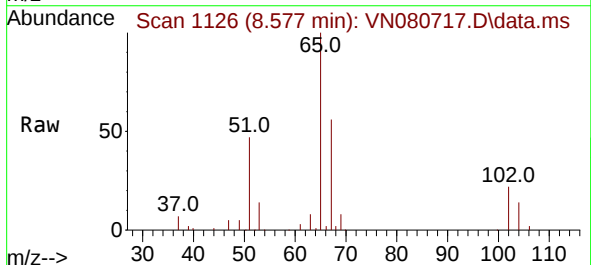
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 SCMW-20S

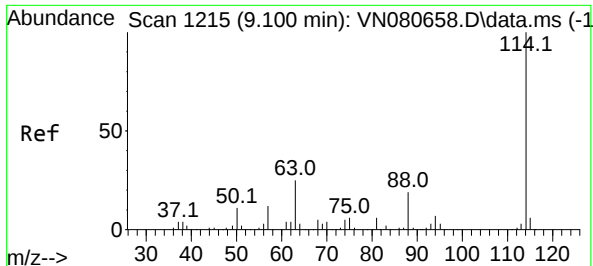
Tgt Ion: 96 Resp: 7170  
 Ion Ratio Lower Upper  
 96 100  
 61 126.1 0.0 255.2  
 98 65.8 0.0 128.8



#33  
 1,2-Dichloroethane-d4  
 Concen: 44.309 ug/l  
 RT: 8.577 min Scan# 1126  
 Delta R.T. -0.000 min  
 Lab File: VN080717.D  
 Acq: 15 Jan 2024 15:55

Tgt Ion: 65 Resp: 115567  
 Ion Ratio Lower Upper  
 65 100  
 67 54.4 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080717.D

Acq: 15 Jan 2024 15:55

Instrument :

MSVOA\_N

ClientSampleId :

SCMW-20S

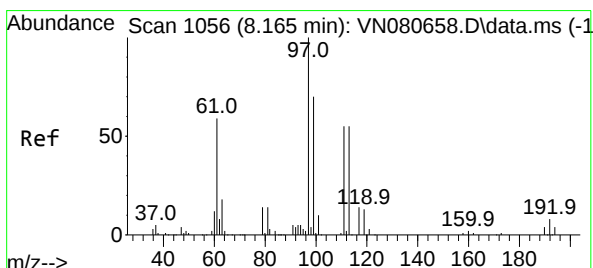
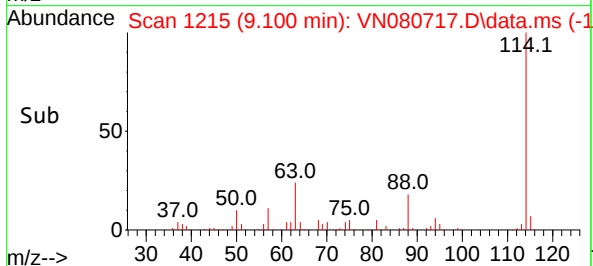
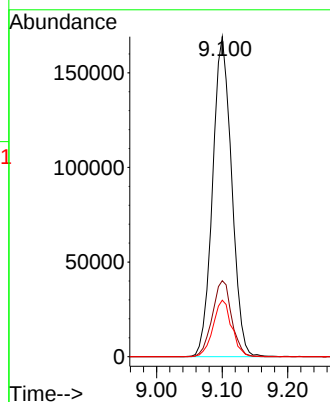
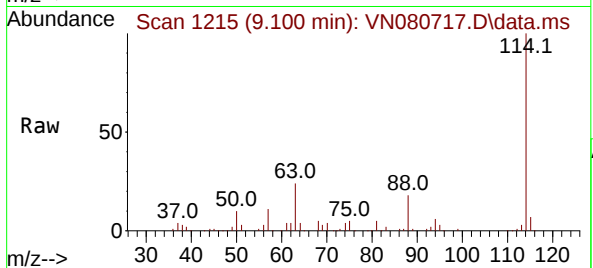
Tgt Ion:114 Resp: 340209

Ion Ratio Lower Upper

114 100

63 23.8 0.0 36.4

88 17.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.679 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080717.D

Acq: 15 Jan 2024 15:55

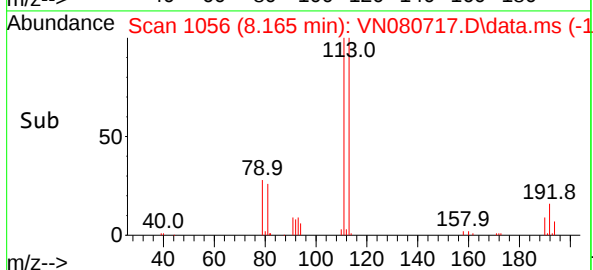
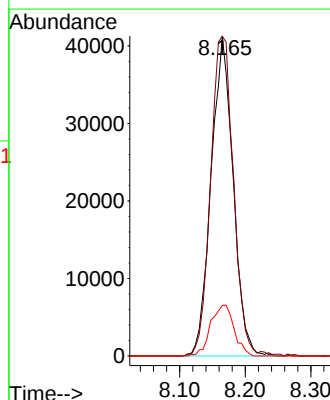
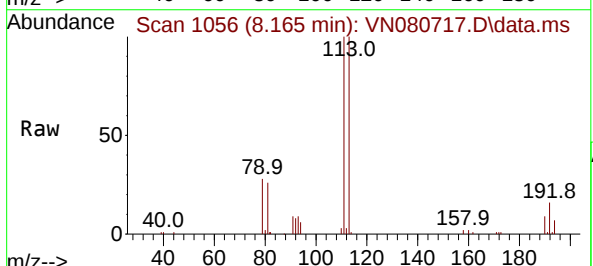
Tgt Ion:113 Resp: 96028

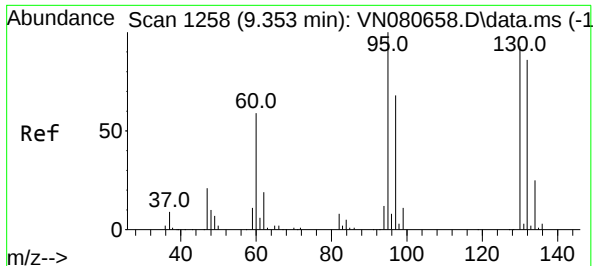
Ion Ratio Lower Upper

113 100

111 104.1 82.6 123.8

192 16.9 12.7 19.1

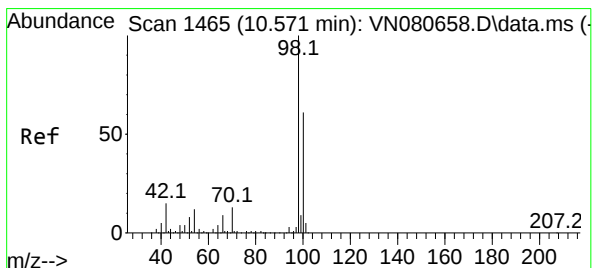
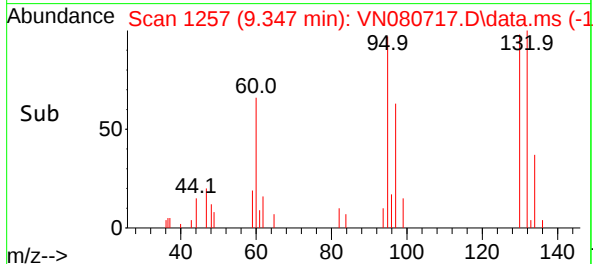
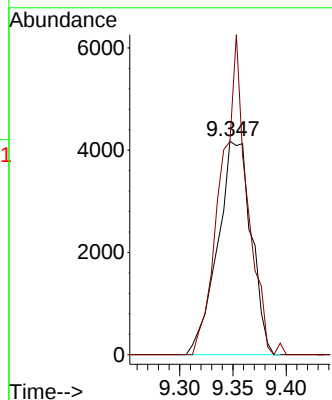
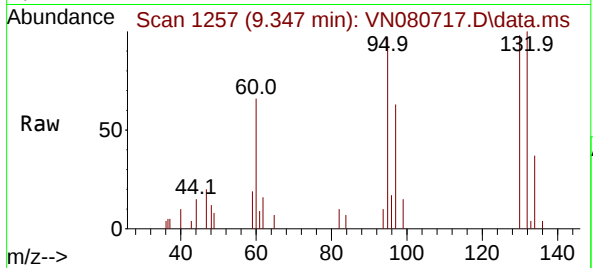




#44  
Trichloroethene  
Concen: 3.630 ug/l  
RT: 9.347 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN080717.D  
Acq: 15 Jan 2024 15:55

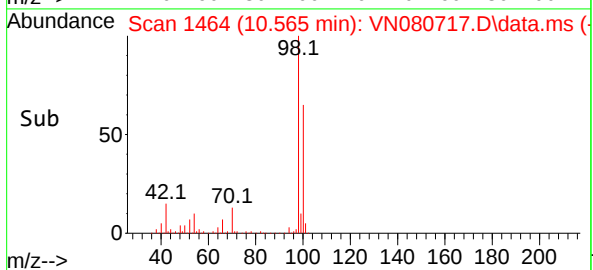
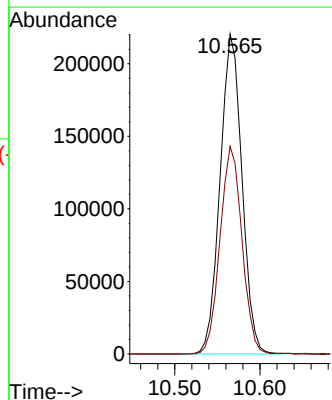
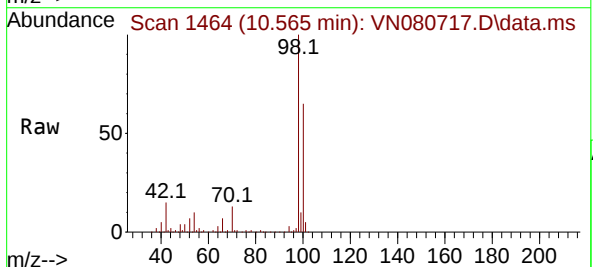
Instrument :  
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ClientSampleId :  
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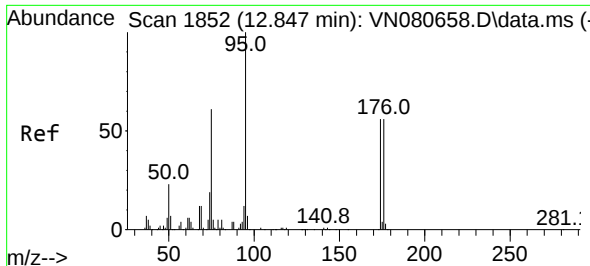
Tgt Ion:130 Resp: 9148  
Ion Ratio Lower Upper  
130 100  
95 99.9 0.0 204.6



#50  
Toluene-d8  
Concen: 53.427 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. -0.006 min  
Lab File: VN080717.D  
Acq: 15 Jan 2024 15:55

Tgt Ion: 98 Resp: 393787  
Ion Ratio Lower Upper  
98 100  
100 65.0 52.0 78.0

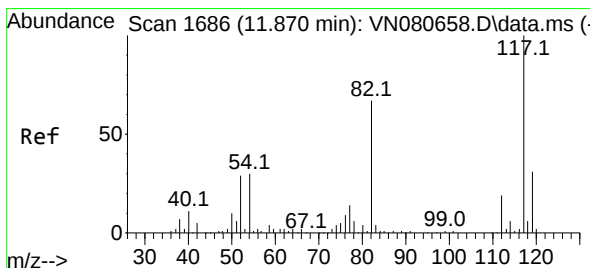
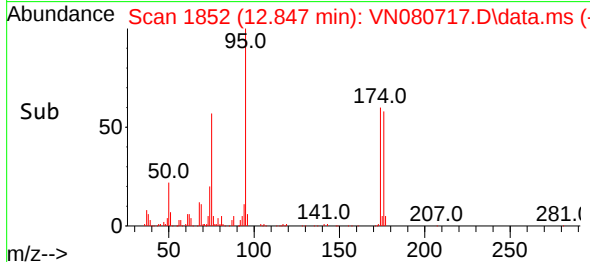
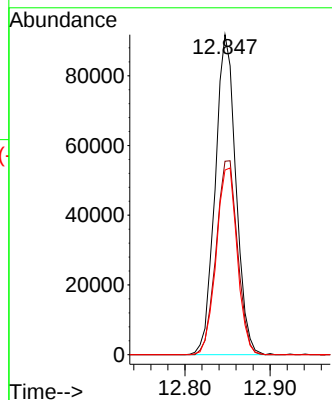
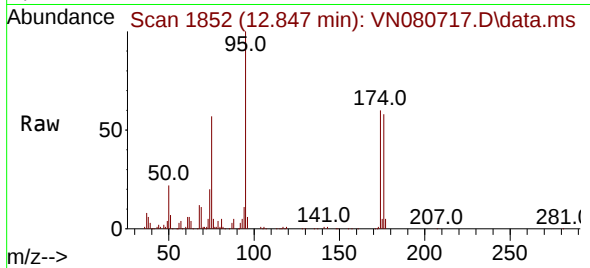




#62  
4-Bromofluorobenzene  
Concen: 54.891 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. 0.000 min  
Lab File: VN080717.D  
Acq: 15 Jan 2024 15:55

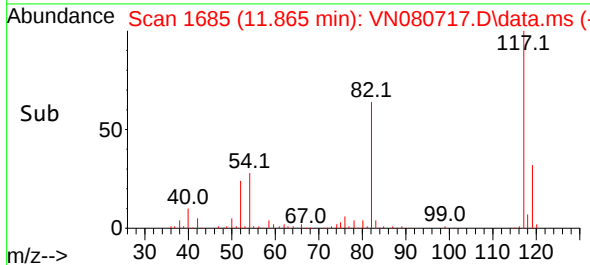
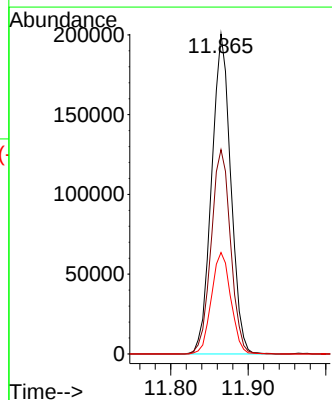
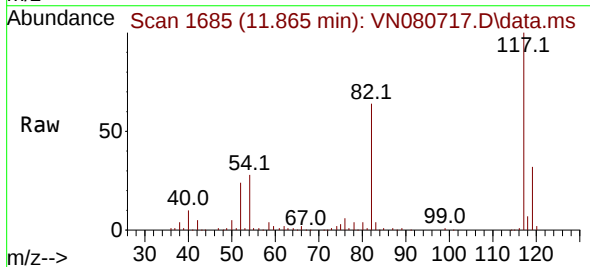
Instrument :  
MSVOA\_N  
ClientSampleId :  
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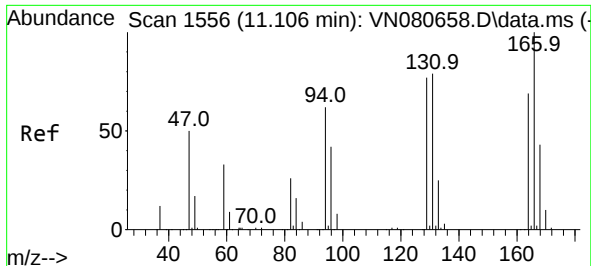
Tgt Ion: 95 Resp: 155146  
Ion Ratio Lower Upper  
95 100  
174 62.8 0.0 143.8  
176 59.1 0.0 135.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1685  
Delta R.T. -0.006 min  
Lab File: VN080717.D  
Acq: 15 Jan 2024 15:55

Tgt Ion: 117 Resp: 343712  
Ion Ratio Lower Upper  
117 100  
82 63.9 44.0 66.0  
119 31.7 25.6 38.4



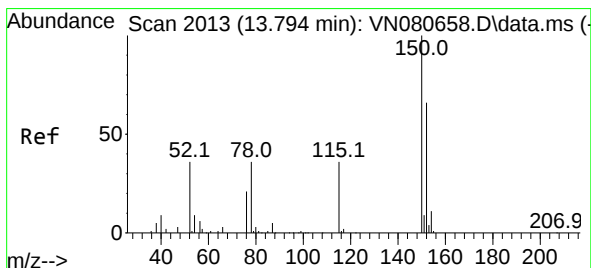
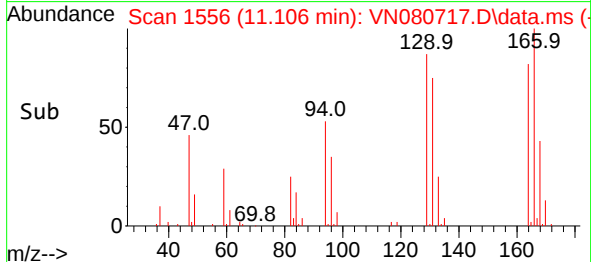
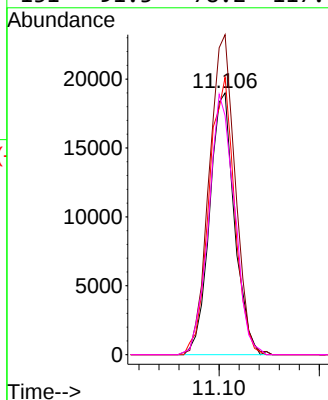
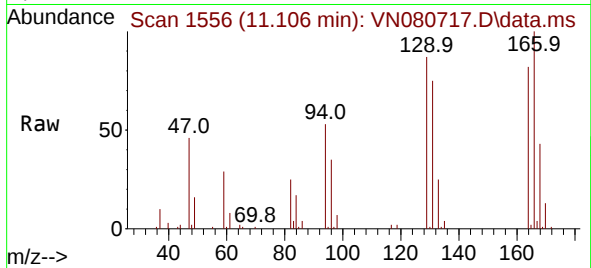


#64  
Tetrachloroethene  
Concen: 13.824 ug/l  
RT: 11.106 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN080717.D  
Acq: 15 Jan 2024 15:55

Instrument :  
MSVOA\_N  
ClientSampleId :  
SCMW-20S

Tgt Ion:164 Resp: 32631

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 166 | 122.3 | 101.4 | 152.0 |
| 129 | 105.9 | 82.4  | 123.6 |
| 131 | 91.3  | 78.2  | 117.4 |



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.788 min Scan# 2012  
Delta R.T. -0.006 min  
Lab File: VN080717.D  
Acq: 15 Jan 2024 15:55

Tgt Ion:152 Resp: 143990

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 115 | 66.4  | 32.3  | 96.8  |
| 150 | 155.4 | 0.0   | 355.8 |

