

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN080824\  
 Data File : VN083158.D  
 Acq On : 08 Aug 2024 16:10  
 Operator : JC\MD  
 Sample : P3393-18ME  
 Misc : 6.89g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 S-849-GI-SO-12.5-13-072624ME

Quant Time: Aug 09 01:05:24 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N080724W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Aug 08 06:30:41 2024  
 Response via : Initial Calibration

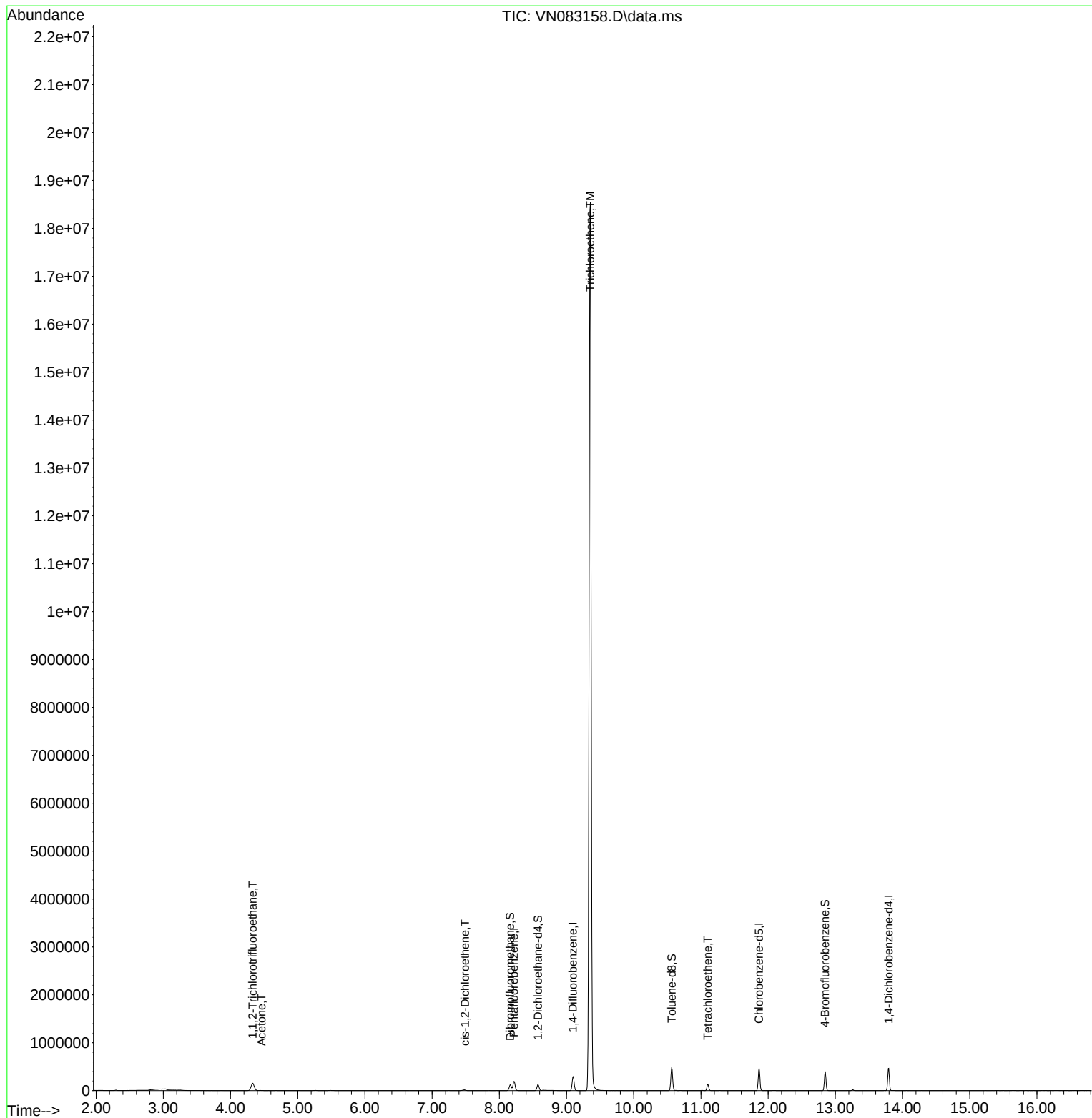
| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Pentafluorobenzene        | 8.218  | 168   | 136109   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.095  | 114   | 254132   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 11.865 | 117   | 261069   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.794 | 152   | 125130   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 8.577  | 65    | 106337   | 54.888   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | = 109.780% |          |
| 35) Dibromofluoromethane     | 8.159  | 113   | 85995    | 54.213   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | = 108.420% |          |
| 50) Toluene-d8               | 10.565 | 98    | 331534   | 56.030   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | = 112.060% |          |
| 62) 4-Bromofluorobenzene     | 12.847 | 95    | 143120   | 62.043   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 64 - 133 | Recovery | = 124.080% |          |
| Target Compounds             |        |       |          |          |            |          |
|                              |        |       |          |          | Qvalue     |          |
| 9) 1,1,2-Trichlorotrifluo... | 4.330  | 101   | 107289   | 73.056   | ug/l       | 99       |
| 16) Acetone                  | 4.460  | 43    | 6760     | 8.917    | ug/l       | 91       |
| 27) cis-1,2-Dichloroethene   | 7.489  | 96    | 8374     | 4.450    | ug/l       | 83       |
| 44) Trichloroethene          | 9.353  | 130   | 6633474  | 3898.725 | ug/l       | 91       |
| 64) Tetrachloroethene        | 11.100 | 164   | 29715    | 17.186   | ug/l       | 93       |
| -----                        |        |       |          |          |            |          |

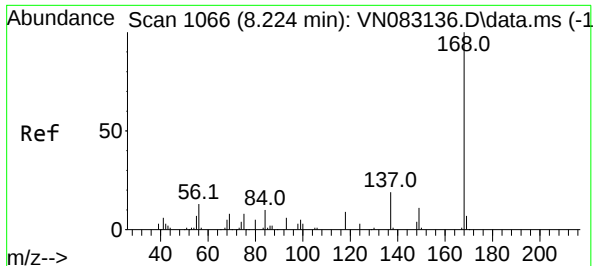
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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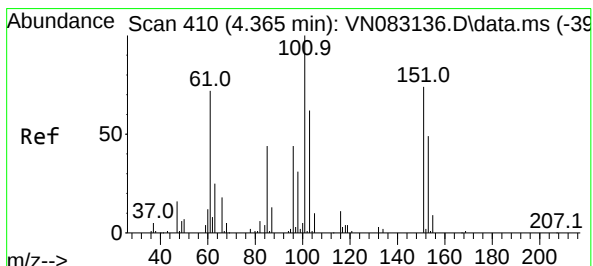
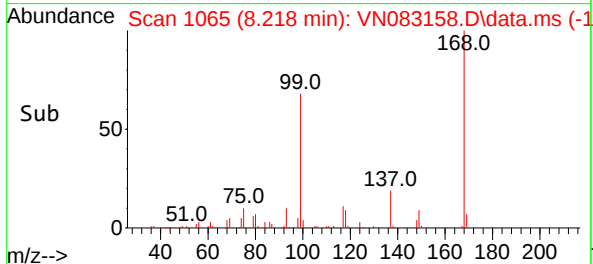
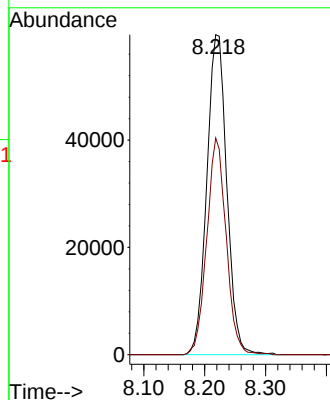
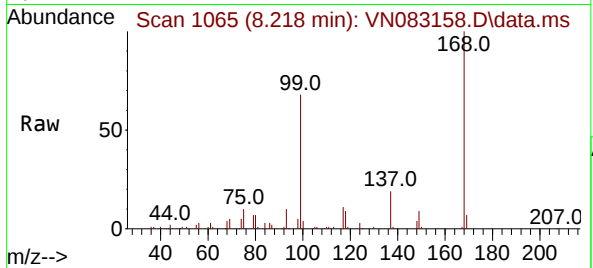




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.218 min Scan# 1066  
Delta R.T. -0.006 min  
Lab File: VN083158.D  
Acq: 08 Aug 2024 16:10

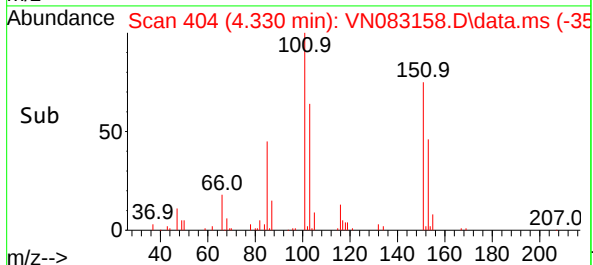
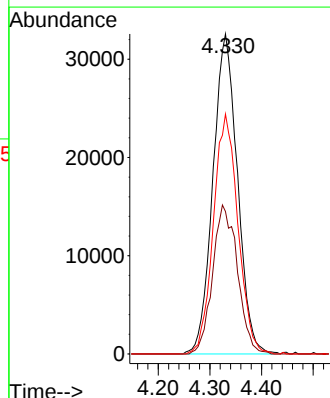
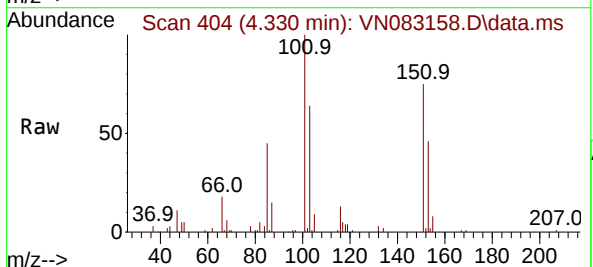
Instrument :  
MSVOA\_N  
ClientSampleId :  
S-849-GI-SO-12.5-13-072624ME

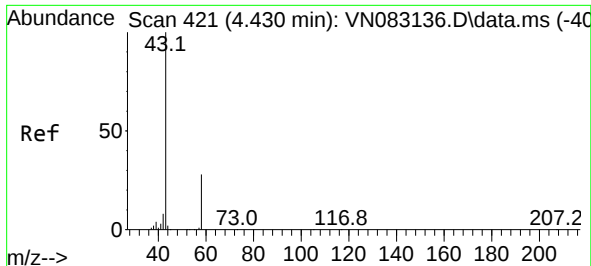
Tgt Ion:168 Resp: 136109  
Ion Ratio Lower Upper  
168 100  
99 67.7 48.2 72.4



#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 73.056 ug/l  
RT: 4.330 min Scan# 404  
Delta R.T. -0.035 min  
Lab File: VN083158.D  
Acq: 08 Aug 2024 16:10

Tgt Ion:101 Resp: 107289  
Ion Ratio Lower Upper  
101 100  
85 47.2 38.3 57.5  
151 75.0 59.3 88.9

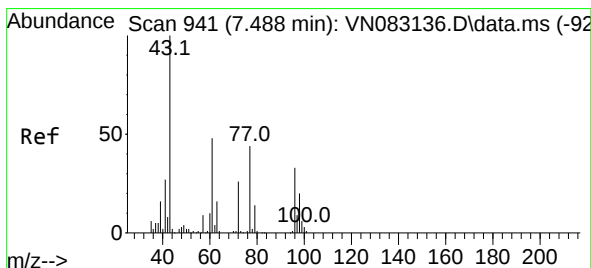
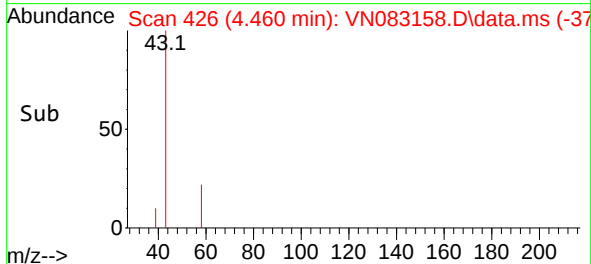
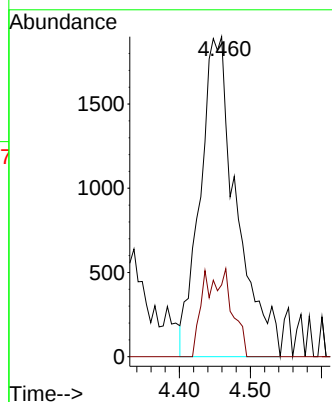
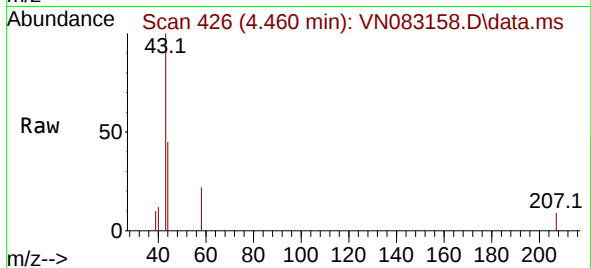




#16  
Acetone  
Concen: 8.917 ug/l  
RT: 4.460 min Scan# 41  
Delta R.T. 0.030 min  
Lab File: VN083158.D  
Acq: 08 Aug 2024 16:10

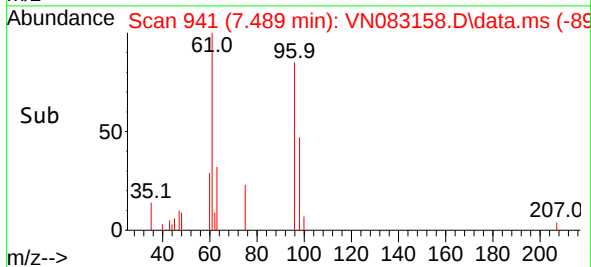
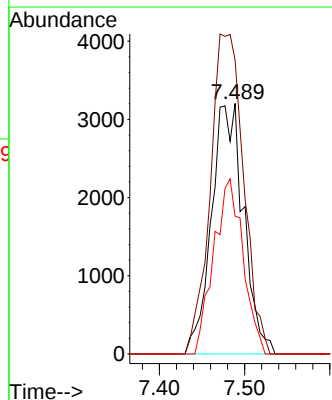
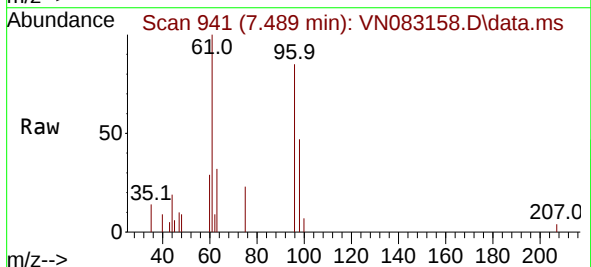
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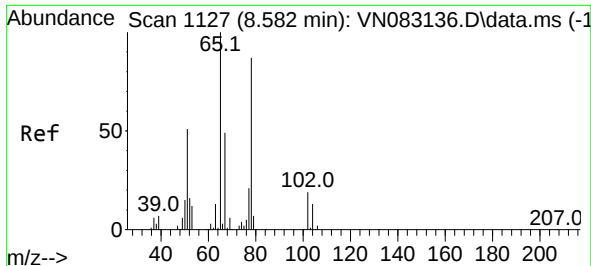
Tgt Ion: 43 Resp: 6760  
Ion Ratio Lower Upper  
43 100  
58 22.5 21.8 32.6



#27  
cis-1,2-Dichloroethene  
Concen: 4.450 ug/l  
RT: 7.489 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: VN083158.D  
Acq: 08 Aug 2024 16:10

Tgt Ion: 96 Resp: 8374  
Ion Ratio Lower Upper  
96 100  
61 132.7 0.0 329.6  
98 63.6 0.0 128.6

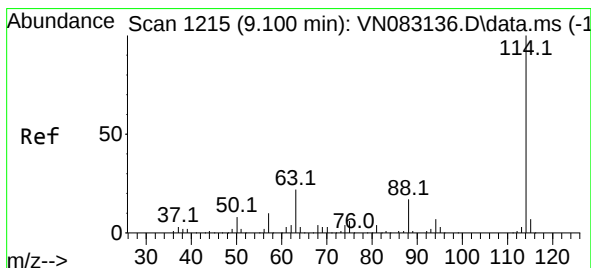
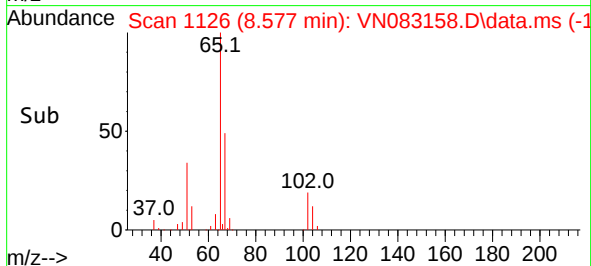
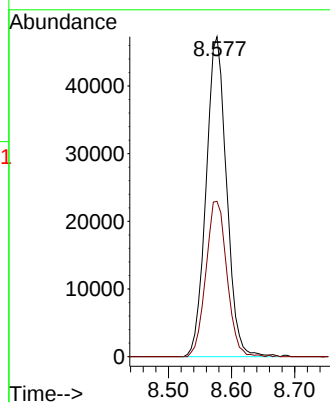
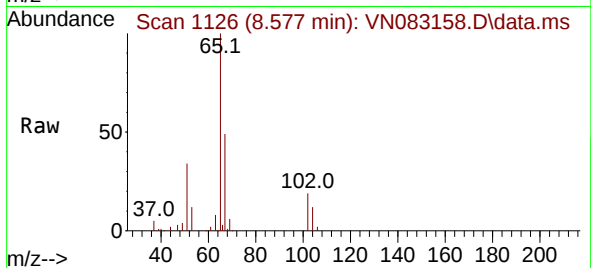




#33  
1,2-Dichloroethane-d4  
Concen: 54.888 ug/l  
RT: 8.577 min Scan# 1126  
Delta R.T. -0.006 min  
Lab File: VN083158.D  
Acq: 08 Aug 2024 16:10

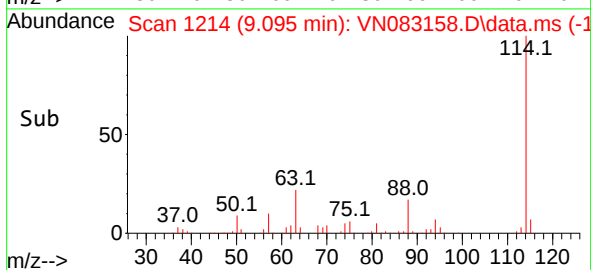
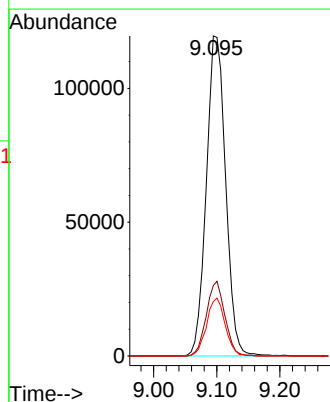
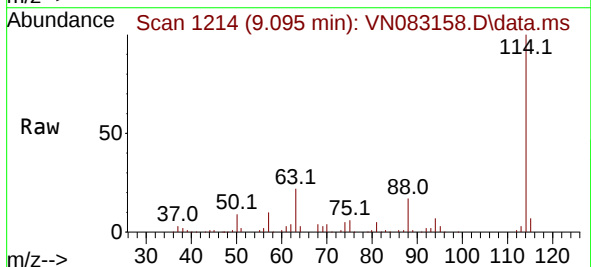
Instrument :  
MSVOA\_N  
ClientSampleId :  
S-849-GI-SO-12.5-13-072624ME

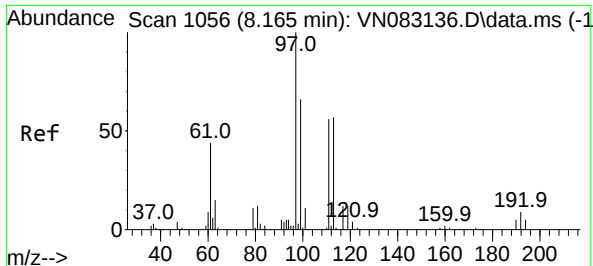
Tgt Ion: 65 Resp: 106337  
Ion Ratio Lower Upper  
65 100  
67 50.0 0.0 104.4



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.095 min Scan# 1214  
Delta R.T. -0.006 min  
Lab File: VN083158.D  
Acq: 08 Aug 2024 16:10

Tgt Ion: 114 Resp: 254132  
Ion Ratio Lower Upper  
114 100  
63 22.0 0.0 44.6  
88 17.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 54.213 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN083158.D

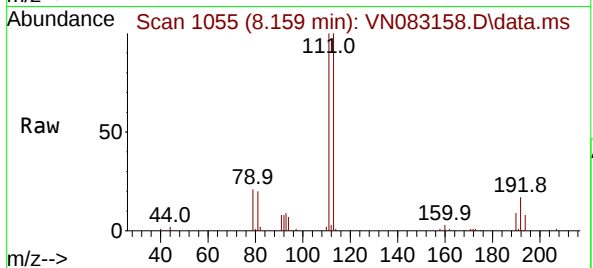
Acq: 08 Aug 2024 16:10

Instrument :

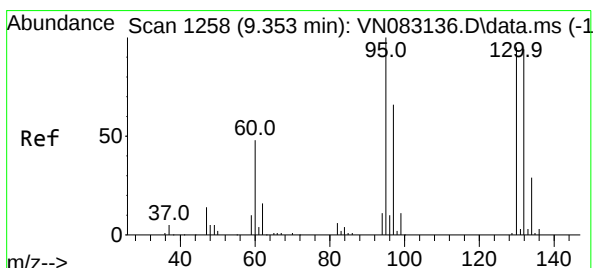
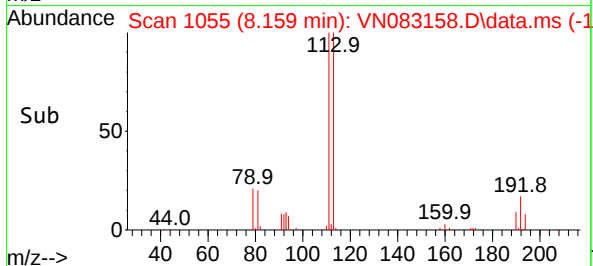
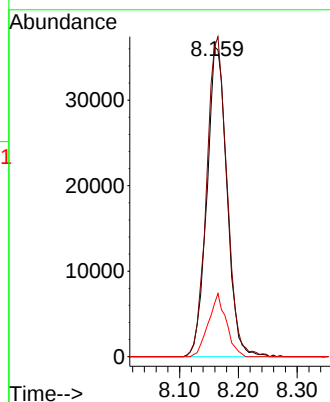
MSVOA\_N

ClientSampleId :

S-849-GI-SO-12.5-13-072624ME



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 85995 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 104.5 | 82.4  | 123.6 |
| 192      | 18.2  | 14.9  | 22.3  |



#44

Trichloroethene

Concen: 3898.725 ug/l

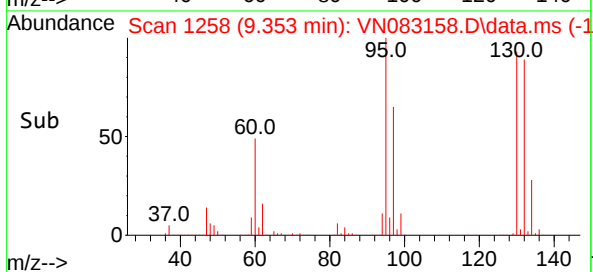
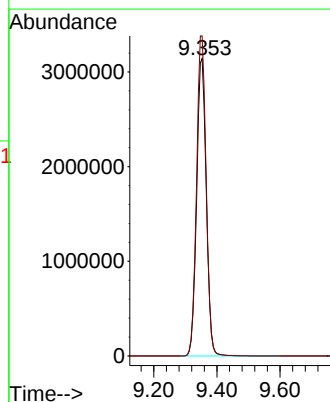
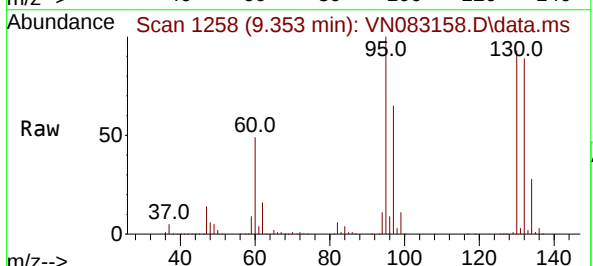
RT: 9.353 min Scan# 1258

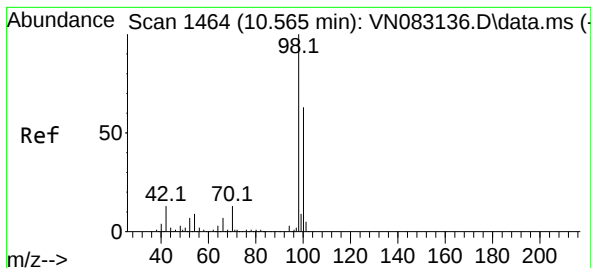
Delta R.T. 0.000 min

Lab File: VN083158.D

Acq: 08 Aug 2024 16:10

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 130   | Resp: | 6633474 |
| Ion      | Ratio | Lower | Upper   |
| 130      | 100   |       |         |
| 95       | 107.6 | 0.0   | 197.8   |

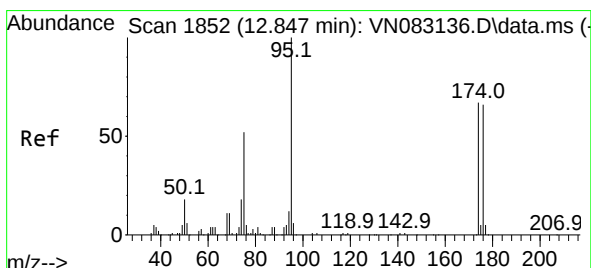
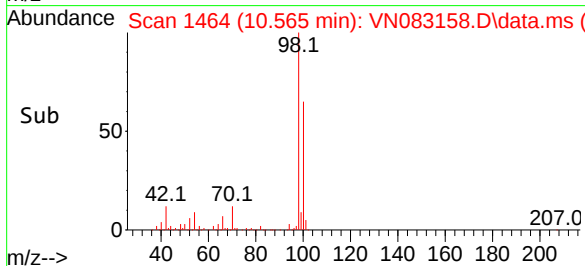
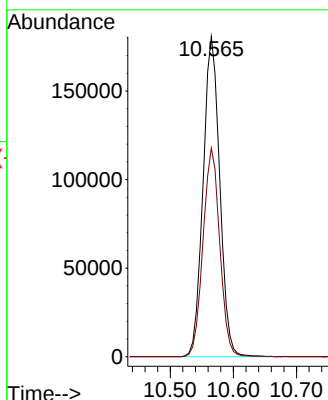
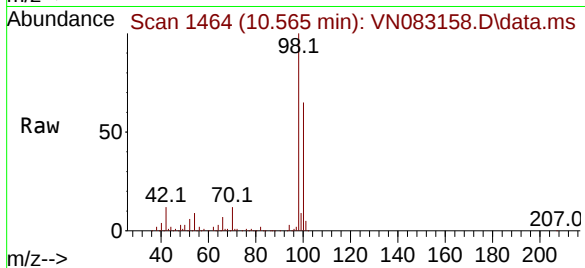




#50  
Toluene-d8  
Concen: 56.030 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. 0.000 min  
Lab File: VN083158.D  
Acq: 08 Aug 2024 16:10

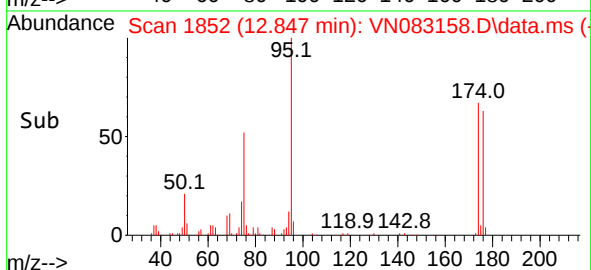
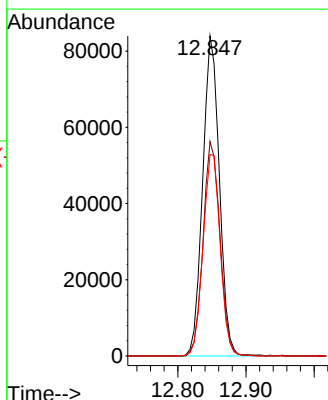
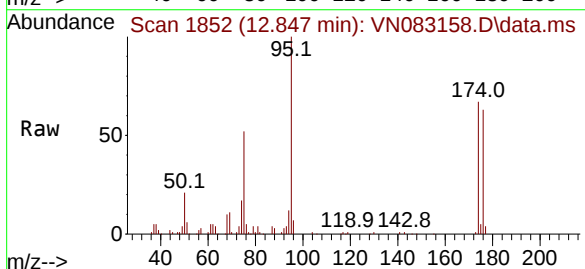
Instrument :  
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S-849-GI-SO-12.5-13-072624ME

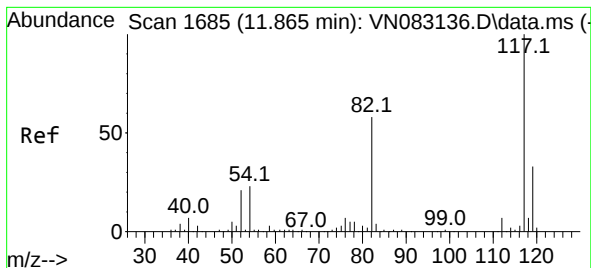
Tgt Ion: 98 Resp: 331534  
Ion Ratio Lower Upper  
98 100  
100 65.3 51.5 77.3



#62  
4-Bromofluorobenzene  
Concen: 62.043 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. 0.000 min  
Lab File: VN083158.D  
Acq: 08 Aug 2024 16:10

Tgt Ion: 95 Resp: 143120  
Ion Ratio Lower Upper  
95 100  
174 67.8 0.0 159.2  
176 64.7 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083158.D

Acq: 08 Aug 2024 16:10

Instrument :

MSVOA\_N

ClientSampleId :

S-849-GI-SO-12.5-13-072624ME

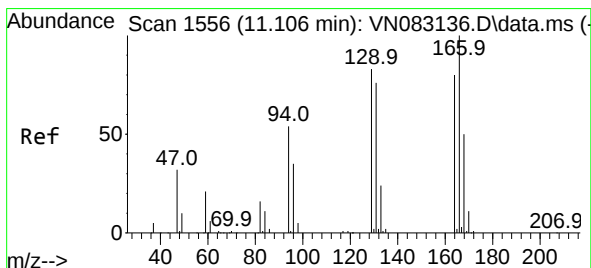
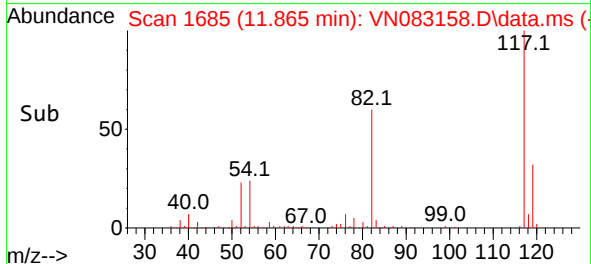
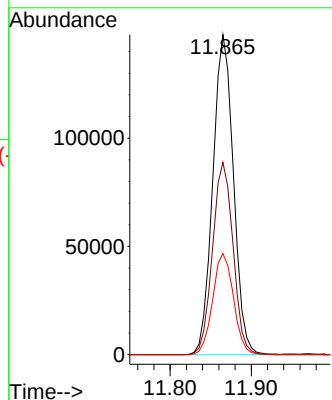
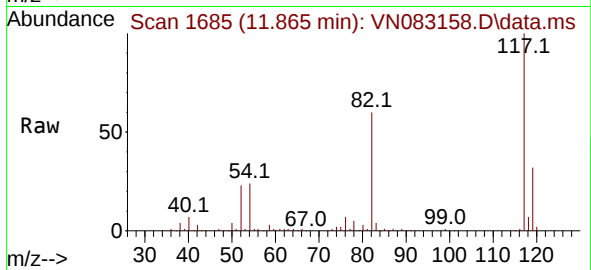
Tgt Ion:117 Resp: 261069

Ion Ratio Lower Upper

117 100

82 60.1 47.5 71.3

119 31.6 25.6 38.4



#64

Tetrachloroethene

Concen: 17.186 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. -0.006 min

Lab File: VN083158.D

Acq: 08 Aug 2024 16:10

Tgt Ion:164 Resp: 29715

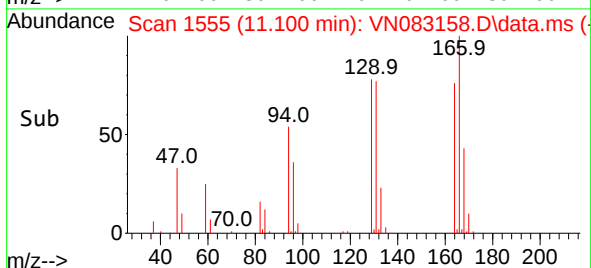
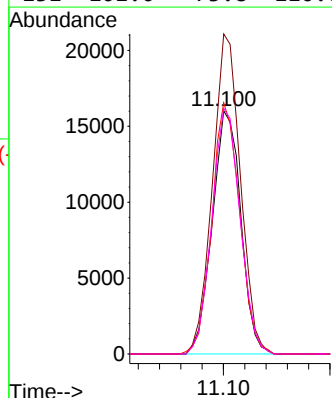
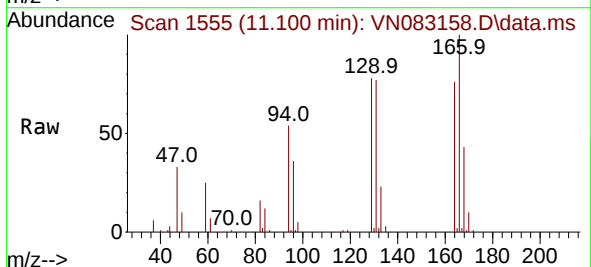
Ion Ratio Lower Upper

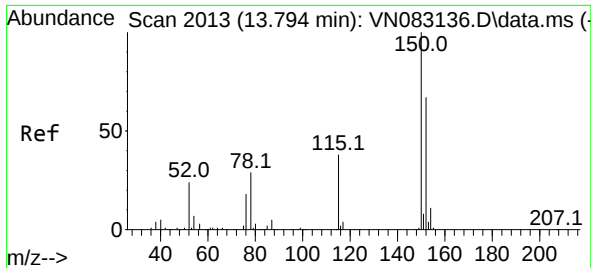
164 100

166 131.7 101.4 152.0

129 103.3 75.7 113.5

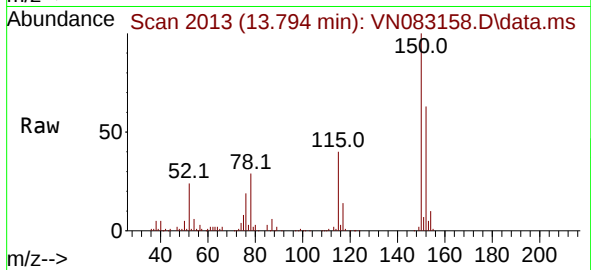
131 101.0 73.8 110.6





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.794 min Scan# 20  
 Delta R.T. 0.000 min  
 Lab File: VN083158.D  
 Acq: 08 Aug 2024 16:10

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 S-849-GI-SO-12.5-13-072624ME



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 152   | Resp: | 125130 |
| Ion      | Ratio | Lower | Upper  |
| 152      | 100   |       |        |
| 115      | 63.3  | 30.6  | 91.6   |
| 150      | 156.1 | 0.0   | 348.6  |

