

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN020124\  
 Data File : VN080865.D  
 Acq On : 01 Feb 2024 13:14  
 Operator : JC\MD  
 Sample : P1307-17  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TR-614-VOC-03

Quant Time: Feb 02 03:37:57 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N012924W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jan 29 12:54:23 2024  
 Response via : Initial Calibration

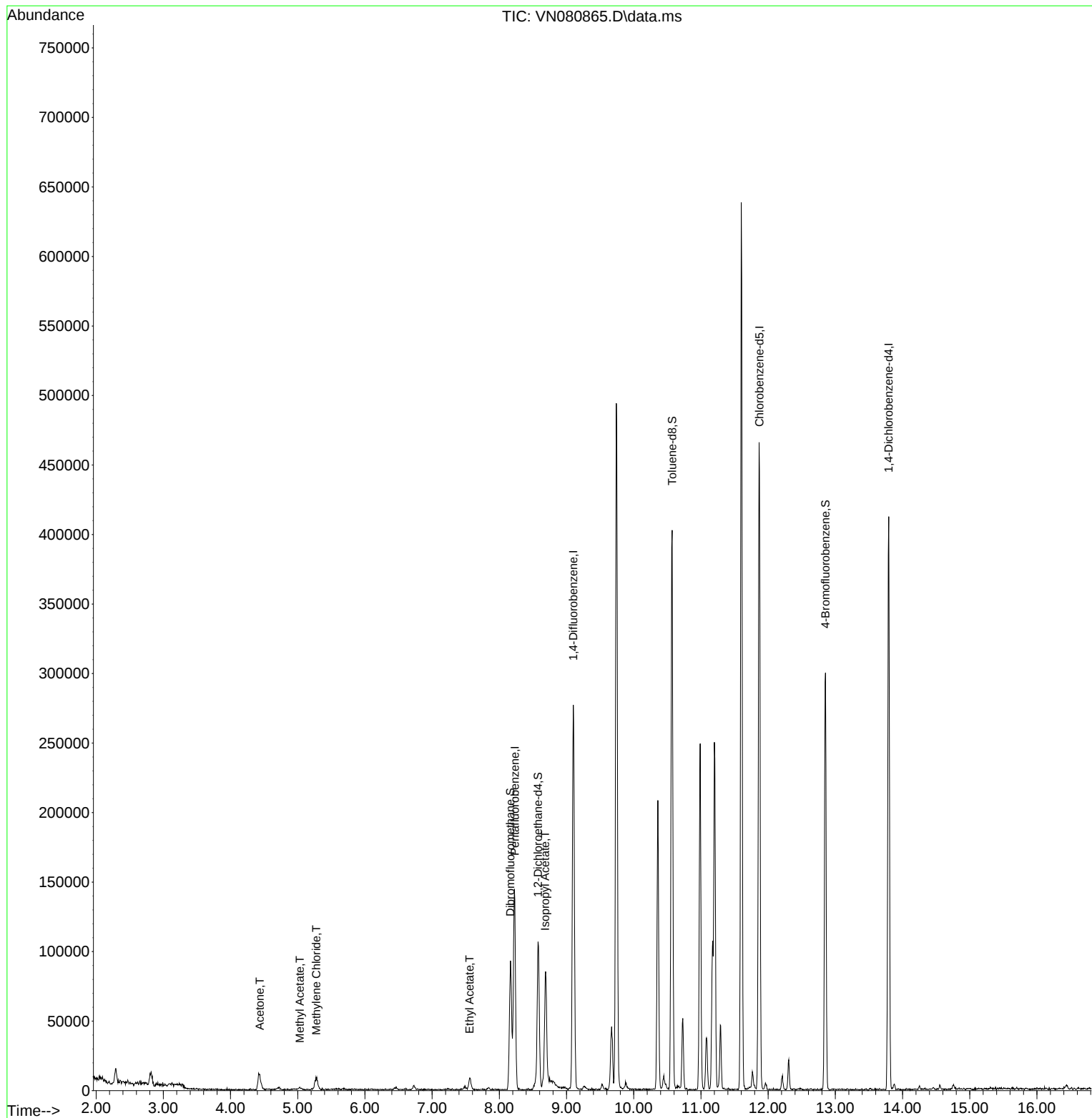
| Compound                    | R.T. QIon |       | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|--------|----------|
| -----                       |           |       |          |          |        |          |
| Internal Standards          |           |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.230     | 168   | 89353    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.100     | 114   | 217241   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.871    | 117   | 236701   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794    | 152   | 94497    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |           |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.577     | 65    | 82404    | 53.309   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 74 - 125 | Recovery | =      | 106.620% |
| 35) Dibromofluoromethane    | 8.165     | 113   | 63095    | 47.472   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | =      | 94.940%  |
| 50) Toluene-d8              | 10.571    | 98    | 259914   | 49.965   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 86 - 113 | Recovery | =      | 99.920%  |
| 62) 4-Bromofluorobenzene    | 12.853    | 95    | 102420   | 56.500   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 83 - 123 | Recovery | =      | 113.000% |
| Target Compounds            |           |       |          |          |        |          |
|                             |           |       |          |          |        | Qvalue   |
| 16) Acetone                 | 4.436     | 43    | 21824    | 38.929   | ug/l # | 78       |
| 18) Methyl Acetate          | 5.030     | 43    | 3123     | 1.598    | ug/l # | 73       |
| 20) Methylene Chloride      | 5.277     | 84    | 6416     | 4.360    | ug/l # | 84       |
| 37) Ethyl Acetate           | 7.559     | 43    | 12693    | 4.991    | ug/l   | 98       |
| 43) Isopropyl Acetate       | 8.683     | 43    | 105856   | 22.863   | ug/l # | 88       |
| -----                       |           |       |          |          |        |          |

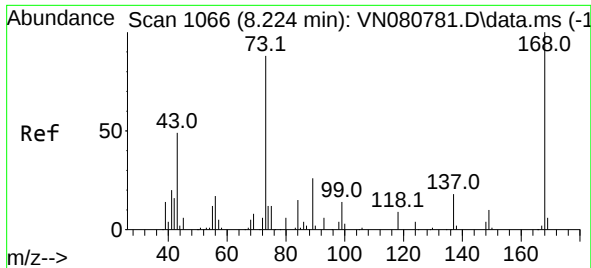
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 02 03:37:57 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N012924W.M  
Quant Title : SW846 8260  
QLast Update : Mon Jan 29 12:54:23 2024  
Response via : Initial Calibration

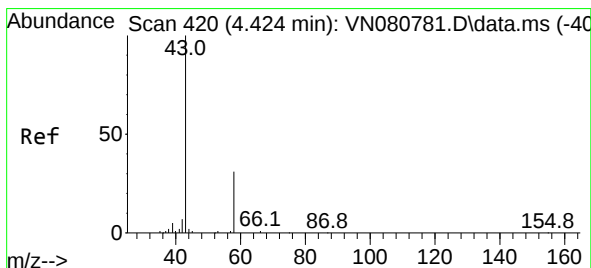
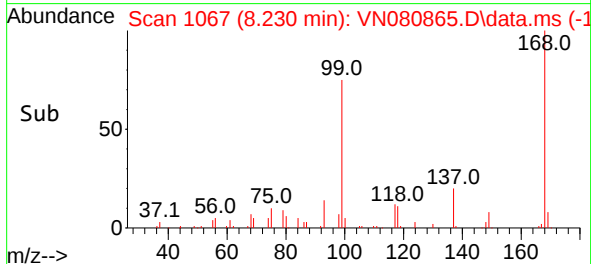
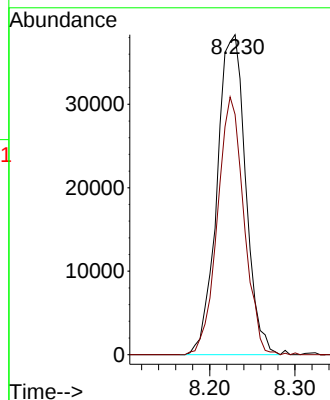
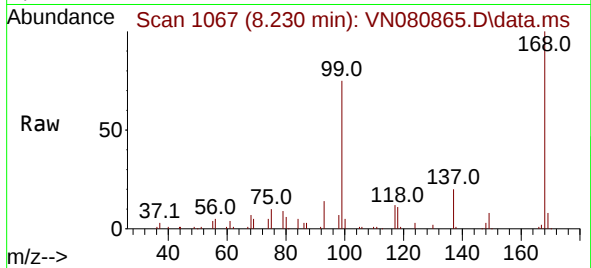




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1066  
Delta R.T. 0.006 min  
Lab File: VN080865.D  
Acq: 01 Feb 2024 13:14

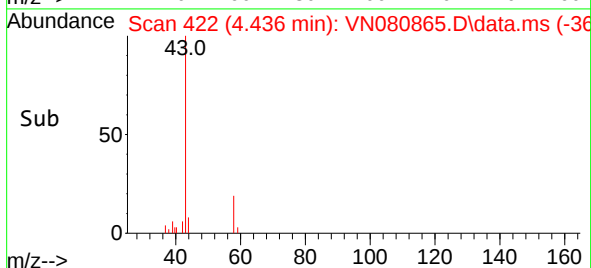
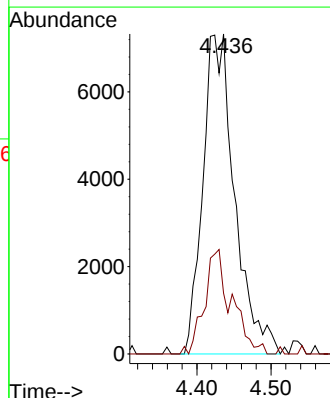
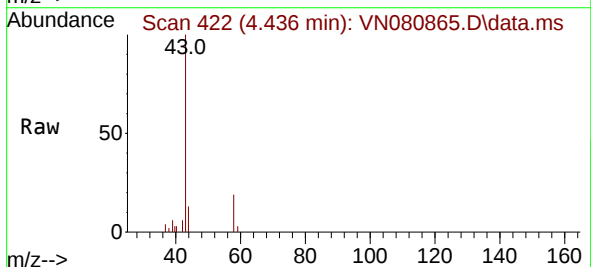
Instrument :  
MSVOA\_N  
ClientSampleId :  
TR-614-VOC-03

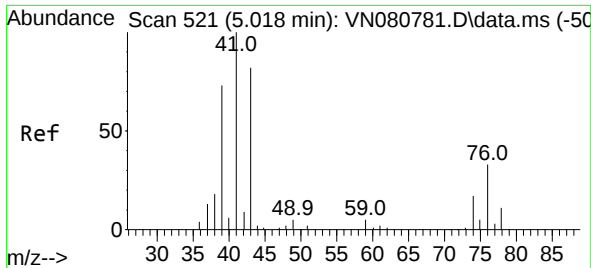
Tgt Ion:168 Resp: 89353  
Ion Ratio Lower Upper  
168 100  
99 75.1 59.9 89.9



#16  
Acetone  
Concen: 38.929 ug/l  
RT: 4.436 min Scan# 422  
Delta R.T. 0.012 min  
Lab File: VN080865.D  
Acq: 01 Feb 2024 13:14

Tgt Ion: 43 Resp: 21824  
Ion Ratio Lower Upper  
43 100  
58 19.0 24.8 37.2#

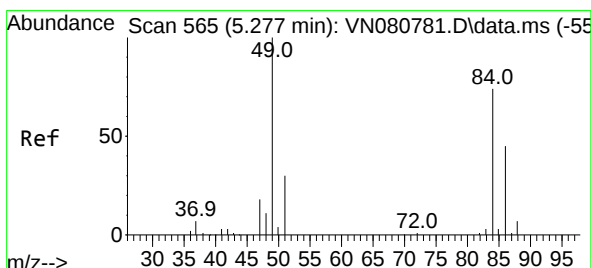
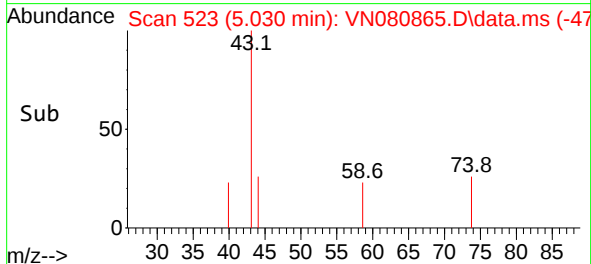
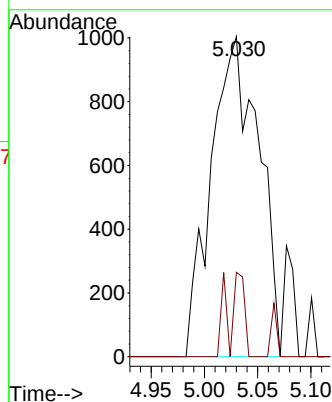
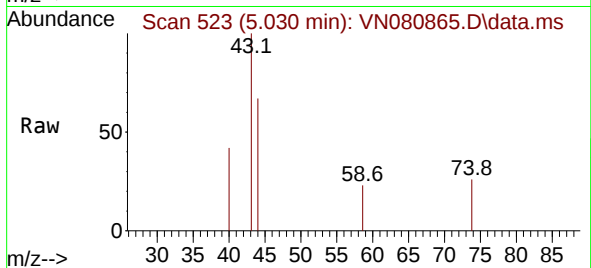




#18  
Methyl Acetate  
Concen: 1.598 ug/l  
RT: 5.030 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: VN080865.D  
Acq: 01 Feb 2024 13:14

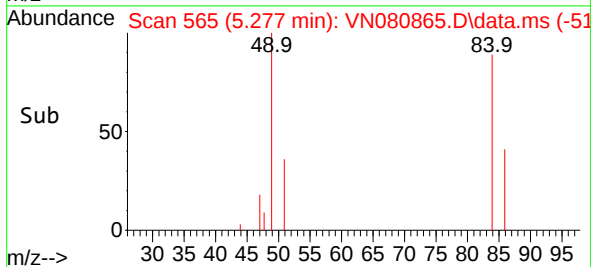
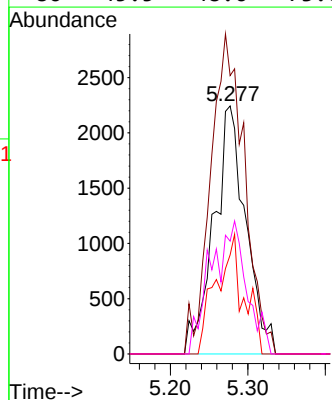
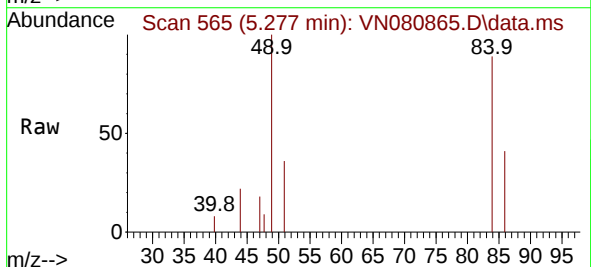
Instrument :  
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TR-614-VOC-03

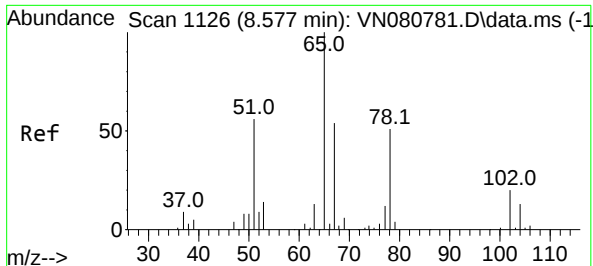
Tgt Ion: 43 Resp: 3123  
Ion Ratio Lower Upper  
43 100  
74 8.8 17.3 25.9#



#20  
Methylene Chloride  
Concen: 4.360 ug/l  
RT: 5.277 min Scan# 565  
Delta R.T. 0.000 min  
Lab File: VN080865.D  
Acq: 01 Feb 2024 13:14

Tgt Ion: 84 Resp: 6416  
Ion Ratio Lower Upper  
84 100  
49 112.3 108.1 162.1  
51 39.9 32.9 49.3  
86 45.5 48.6 73.0#





#33

1,2-Dichloroethane-d4

Concen: 53.309 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080865.D

Acq: 01 Feb 2024 13:14

Instrument :

MSVOA\_N

ClientSampleId :

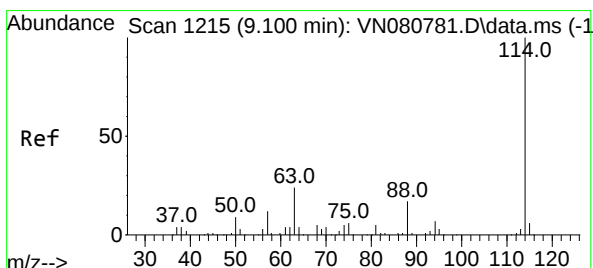
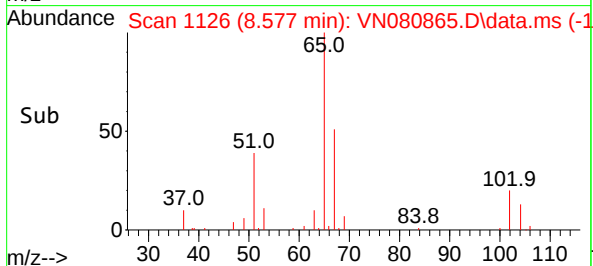
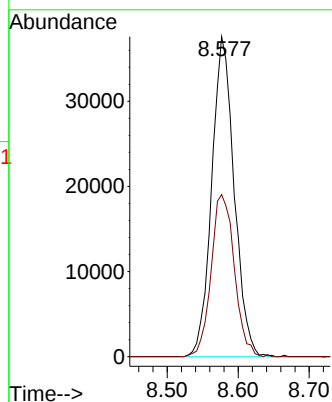
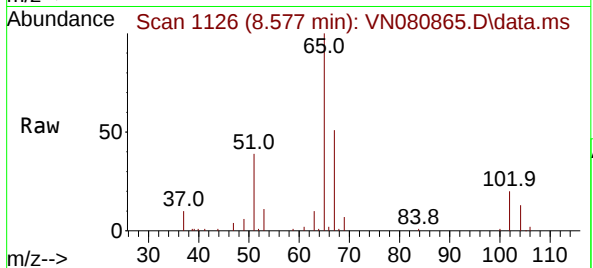
TR-614-VOC-03

Tgt Ion: 65 Resp: 82404

Ion Ratio Lower Upper

65 100

67 52.3 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080865.D

Acq: 01 Feb 2024 13:14

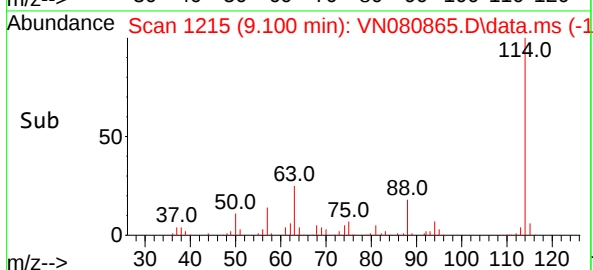
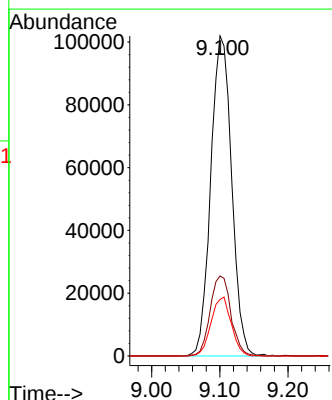
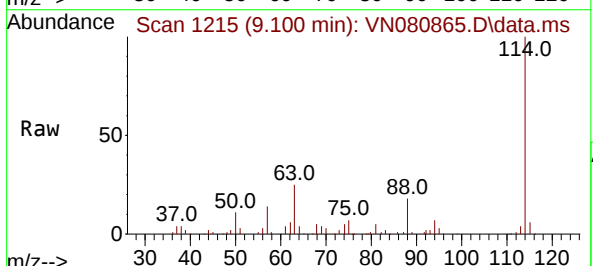
Tgt Ion: 114 Resp: 217241

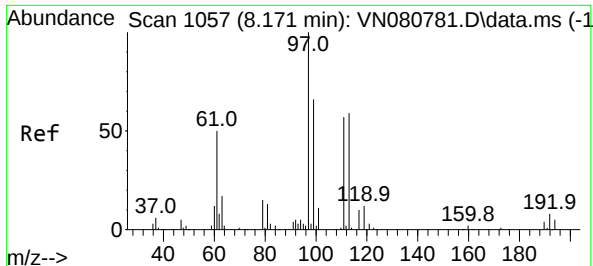
Ion Ratio Lower Upper

114 100

63 25.0 0.0 48.0

88 17.6 0.0 34.8

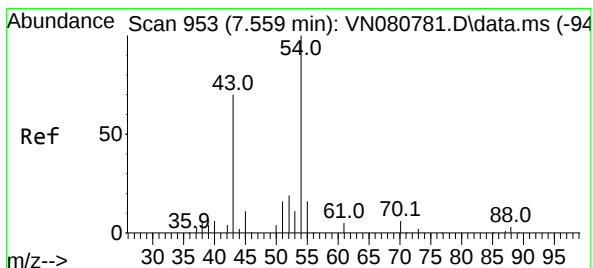
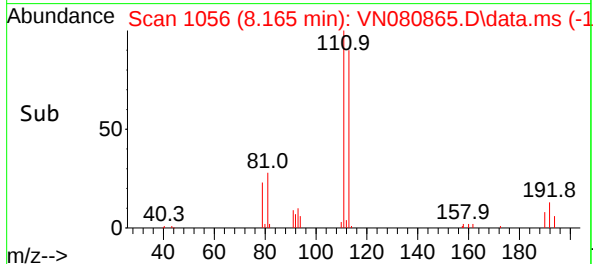
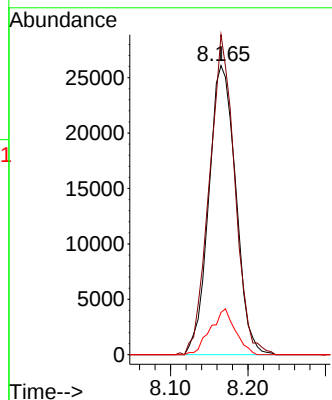
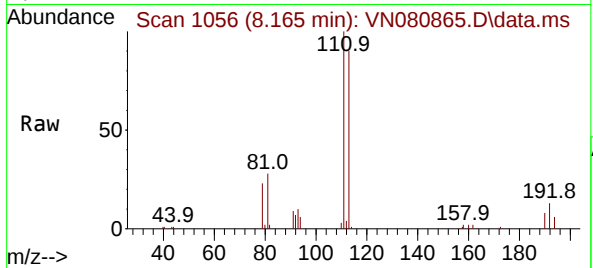




#35  
Dibromofluoromethane  
Concen: 47.472 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.006 min  
Lab File: VN080865.D  
Acq: 01 Feb 2024 13:14

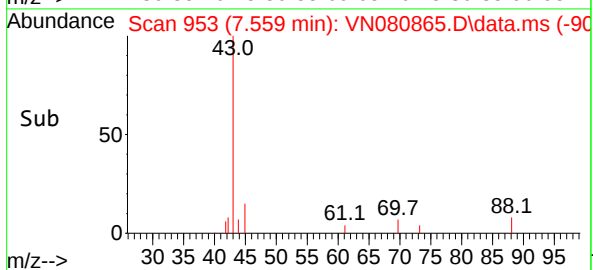
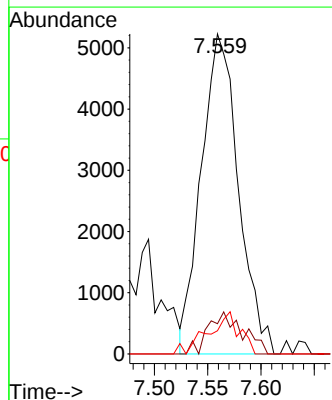
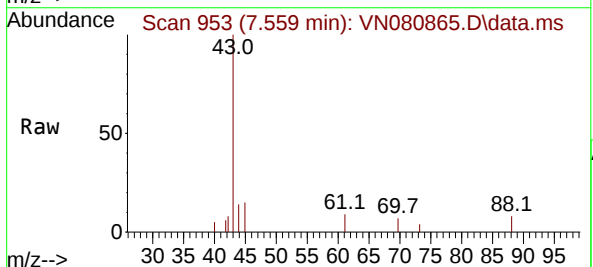
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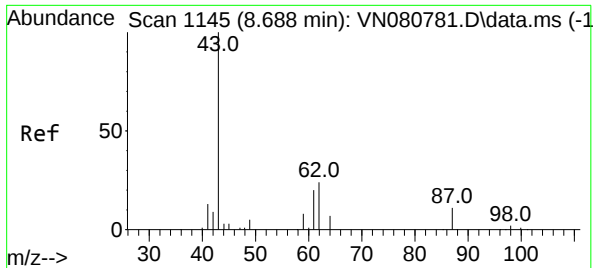
Tgt Ion:113 Resp: 63095  
Ion Ratio Lower Upper  
113 100  
111 104.0 82.2 123.4  
192 14.7 12.5 18.7



#37  
Ethyl Acetate  
Concen: 4.991 ug/l  
RT: 7.559 min Scan# 953  
Delta R.T. 0.000 min  
Lab File: VN080865.D  
Acq: 01 Feb 2024 13:14

Tgt Ion: 43 Resp: 12693  
Ion Ratio Lower Upper  
43 100  
61 12.3 10.6 15.8  
70 11.0 8.0 12.0

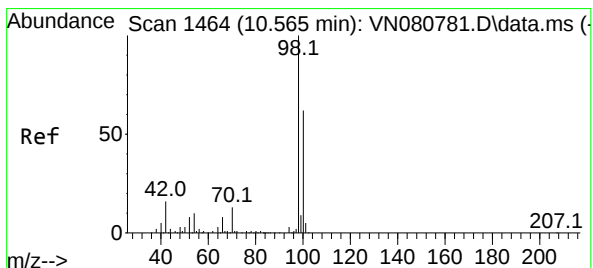
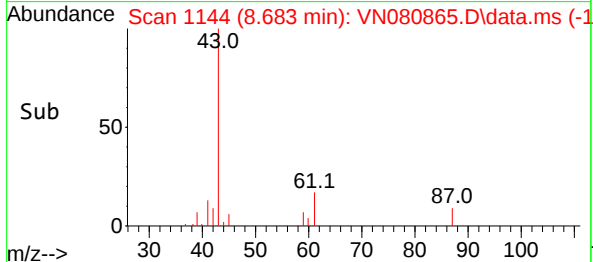
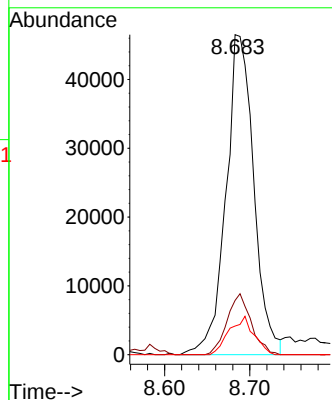
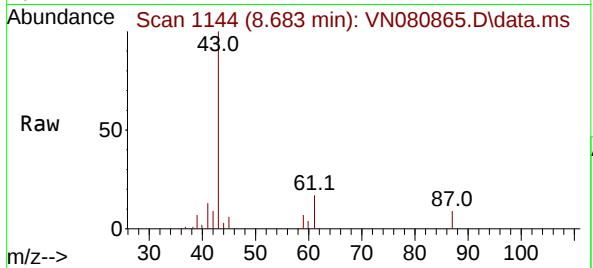




#43  
Isopropyl Acetate  
Concen: 22.863 ug/l  
RT: 8.683 min Scan# 1144  
Delta R.T. -0.006 min  
Lab File: VN080865.D  
Acq: 01 Feb 2024 13:14

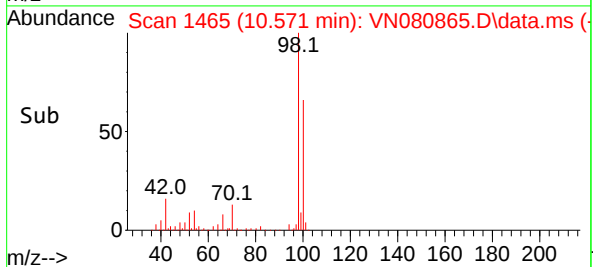
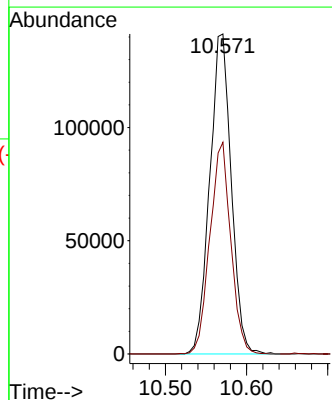
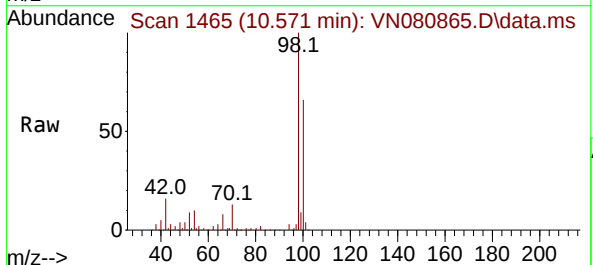
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TR-614-VOC-03

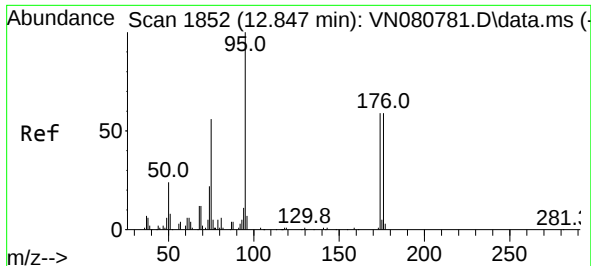
Tgt Ion: 43 Resp: 105856  
Ion Ratio Lower Upper  
43 100  
61 16.6 19.9 29.9#  
87 10.6 9.0 13.6



#50  
Toluene-d8  
Concen: 49.965 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. 0.006 min  
Lab File: VN080865.D  
Acq: 01 Feb 2024 13:14

Tgt Ion: 98 Resp: 259914  
Ion Ratio Lower Upper  
98 100  
100 64.2 51.4 77.0

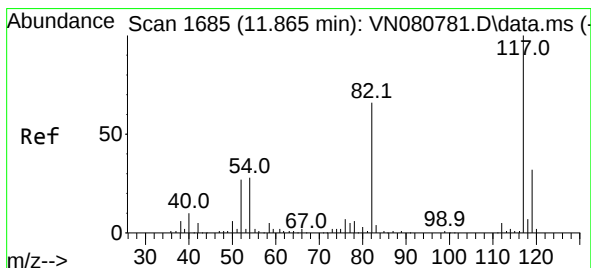
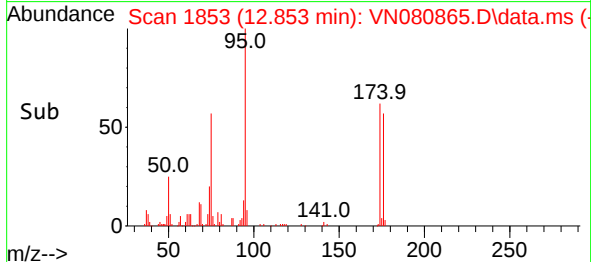
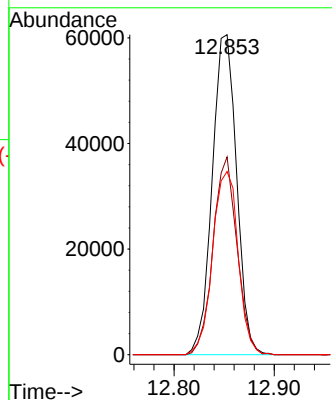
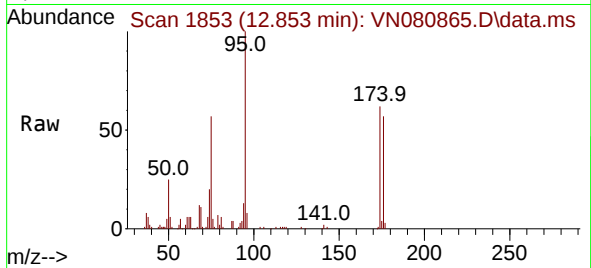




#62  
4-Bromofluorobenzene  
Concen: 56.500 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.006 min  
Lab File: VN080865.D  
Acq: 01 Feb 2024 13:14

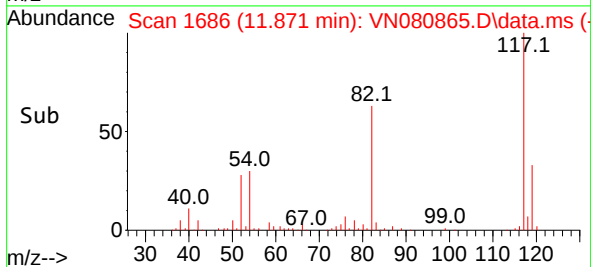
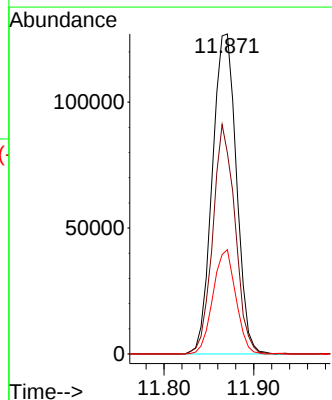
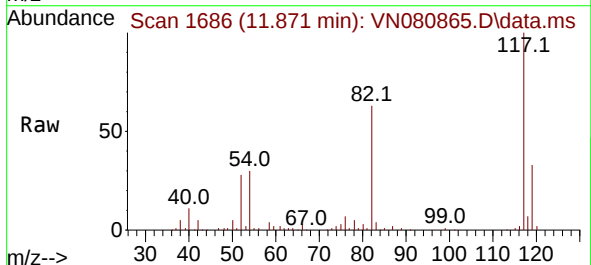
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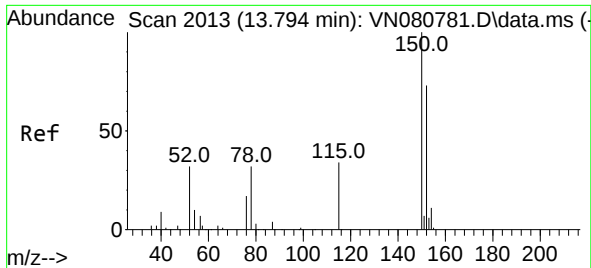
Tgt Ion: 95 Resp: 102420  
Ion Ratio Lower Upper  
95 100  
174 60.9 0.0 120.4  
176 60.0 0.0 121.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 1686  
Delta R.T. 0.006 min  
Lab File: VN080865.D  
Acq: 01 Feb 2024 13:14

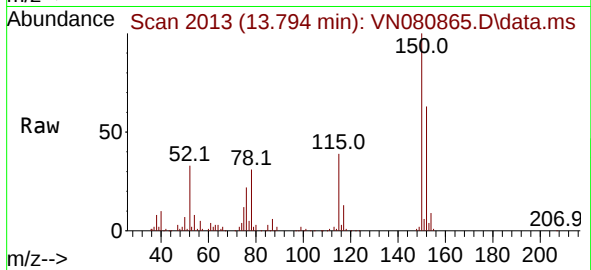
Tgt Ion: 117 Resp: 236701  
Ion Ratio Lower Upper  
117 100  
82 62.8 52.7 79.1  
119 32.6 25.3 37.9





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.794 min Scan# 20  
 Delta R.T. 0.000 min  
 Lab File: VN080865.D  
 Acq: 01 Feb 2024 13:14

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TR-614-VOC-03



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 94497 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 115      | 66.0  | 32.3  | 96.8  |
| 150      | 157.4 | 0.0   | 339.8 |

