

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN111224\  
 Data File : VN084800.D  
 Acq On : 12 Nov 2024 16:49  
 Operator : JC\MD  
 Sample : P4799-05  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-TA2-03-G

Quant Time: Nov 12 23:39:05 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N103024W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 31 18:45:38 2024  
 Response via : Initial Calibration

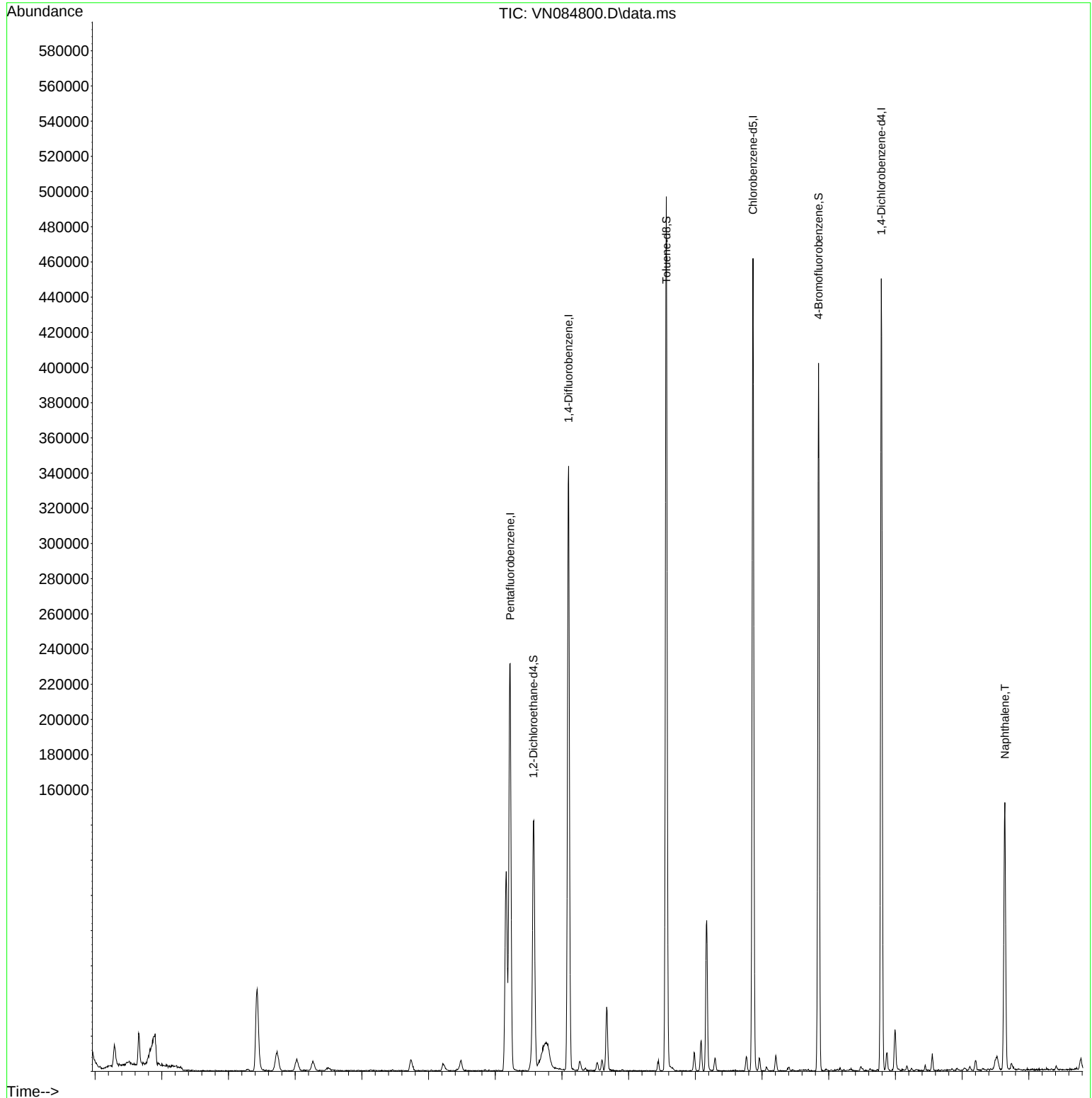
| Compound                    | R.T.   | QIon           | Response | Conc    | Units   | Dev(Min) |
|-----------------------------|--------|----------------|----------|---------|---------|----------|
| -----                       |        |                |          |         |         |          |
| Internal Standards          |        |                |          |         |         |          |
| 1) Pentafluorobenzene       | 8.224  | 168            | 170276   | 50.000  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.100  | 114            | 297743   | 50.000  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.865 | 117            | 265314   | 50.000  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.788 | 152            | 124378   | 50.000  | ug/l    | 0.00     |
| System Monitoring Compounds |        |                |          |         |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.571  | 65             | 121229   | 49.293  | ug/l    | 0.00     |
| Spiked Amount               | 50.000 | Range 74 - 125 | Recovery | =       | 98.580% |          |
| 35) Dibromofluoromethane    | 8.165  | 113            | 83230    | 41.298  | ug/l    | 0.00     |
| Spiked Amount               | 50.000 | Range 75 - 124 | Recovery | =       | 82.600% |          |
| 50) Toluene-d8              | 10.565 | 98             | 338922   | 45.653  | ug/l    | 0.00     |
| Spiked Amount               | 50.000 | Range 86 - 113 | Recovery | =       | 91.300% |          |
| 62) 4-Bromofluorobenzene    | 12.847 | 95             | 137454   | 49.541  | ug/l    | 0.00     |
| Spiked Amount               | 50.000 | Range 77 - 121 | Recovery | =       | 99.080% |          |
| Target Compounds            |        |                |          |         |         |          |
|                             |        |                |          |         | Qvalue  |          |
| 16) Acetone                 | 4.430  | 43             | 88577    | 123.237 | ug/l    | 97       |
| 17) Carbon Disulfide        | 4.700  | 76             | 6337     | 1.061   | ug/l #  | 86       |
| 18) Methyl Acetate          | 5.024  | 43             | 13649    | 1.378   | ug/l    | 99       |
| 20) Methylene Chloride      | 5.271  | 84             | 4416     | 2.042   | ug/l #  | 71       |
| 95) Naphthalene             | 15.641 | 128            | 140999   | 19.586  | ug/l    | 100      |
| -----                       |        |                |          |         |         |          |

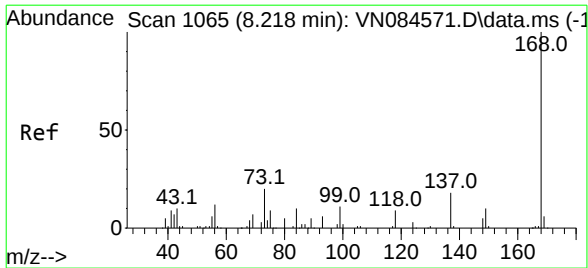
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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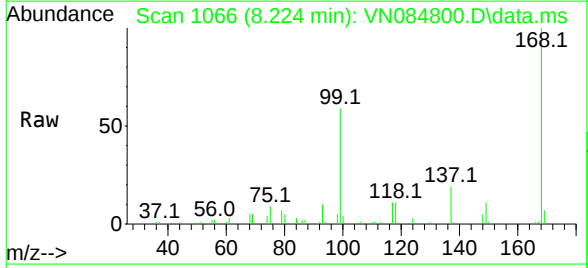
Quant Time: Nov 12 23:39:05 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N103024W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 31 18:45:38 2024  
Response via : Initial Calibration



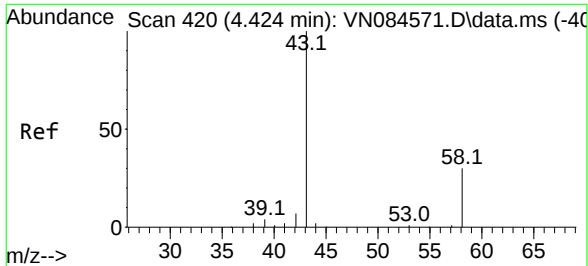
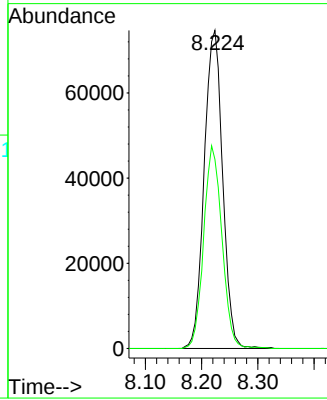
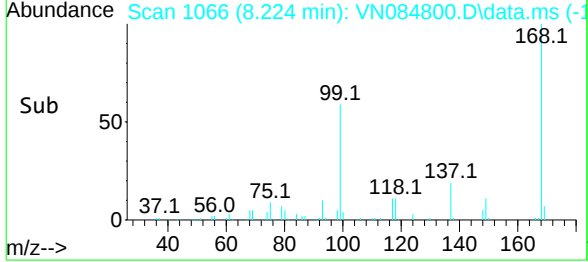


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN084800.D  
Acq: 12 Nov 2024 16:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-TA2-03-G

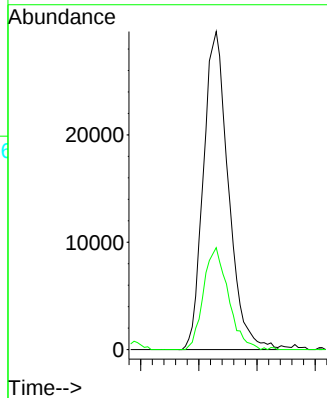
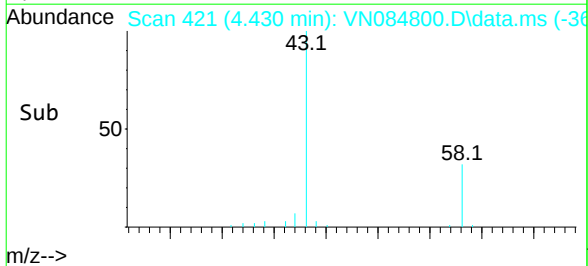
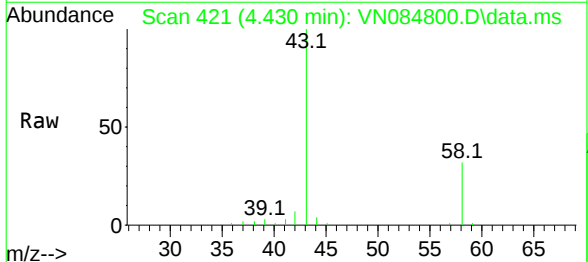


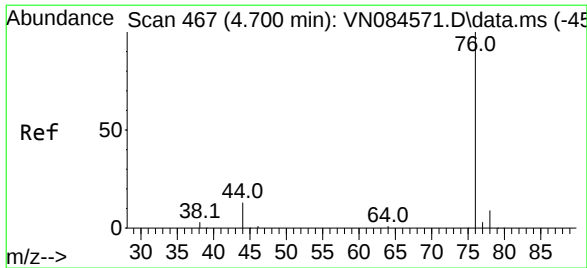
Tgt Ion:168 Resp: 170276  
Ion Ratio Lower Upper  
168 100  
99 59.4 54.2 81.2



#16  
Acetone  
Concen: 123.237 ug/l  
RT: 4.430 min Scan# 421  
Delta R.T. 0.006 min  
Lab File: VN084800.D  
Acq: 12 Nov 2024 16:49

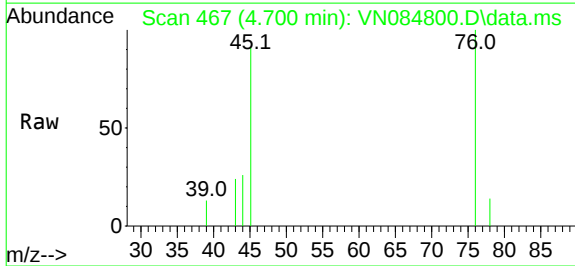
Tgt Ion: 43 Resp: 88577  
Ion Ratio Lower Upper  
43 100  
58 32.0 24.4 36.6



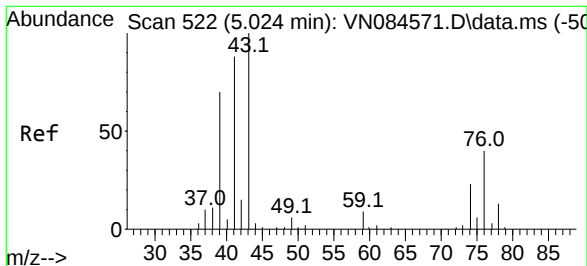
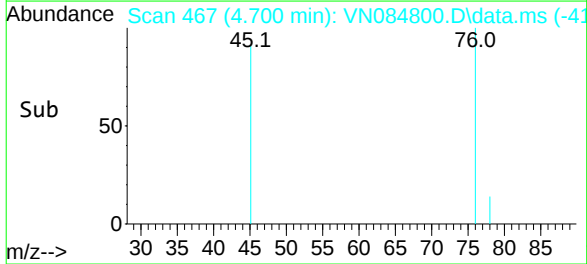
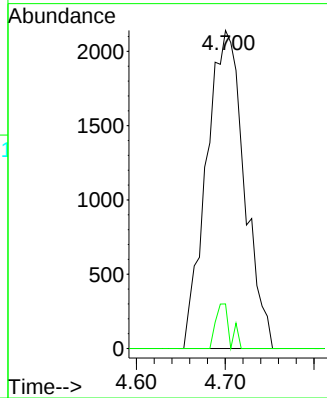


#17  
Carbon Disulfide  
Concen: 1.061 ug/l  
RT: 4.700 min Scan# 467  
Delta R.T. -0.012 min  
Lab File: VN084800.D  
Acq: 12 Nov 2024 16:49

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ClientSampleId :  
WC-TA2-03-G

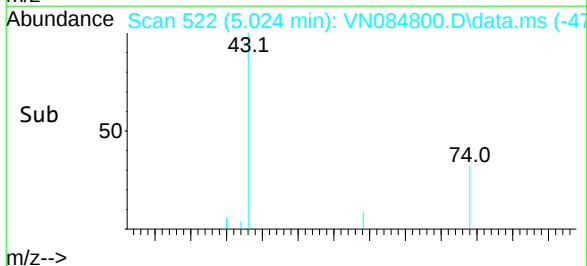
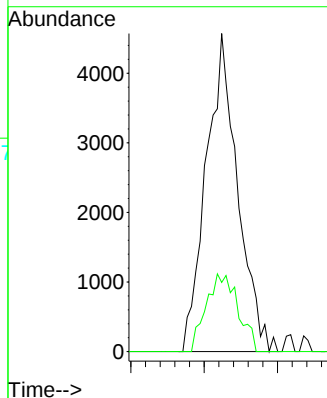
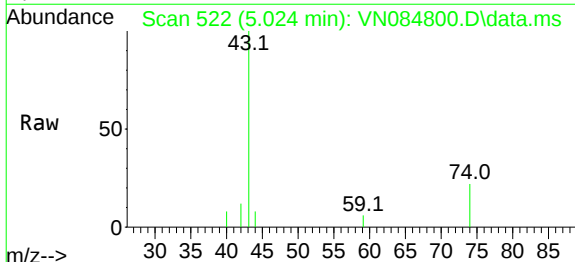


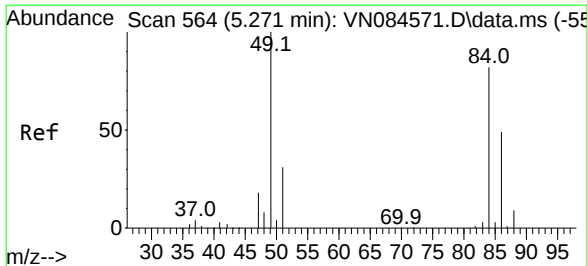
Tgt Ion: 76 Resp: 6337  
Ion Ratio Lower Upper  
76 100  
78 14.0 7.3 10.9#



#18  
Methyl Acetate  
Concen: 1.378 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. 0.006 min  
Lab File: VN084800.D  
Acq: 12 Nov 2024 16:49

Tgt Ion: 43 Resp: 13649  
Ion Ratio Lower Upper  
43 100  
74 24.6 19.2 28.8





#20

Methylene Chloride

Concen: 2.042 ug/l

RT: 5.271 min Scan# 564

Delta R.T. -0.006 min

Lab File: VN084800.D

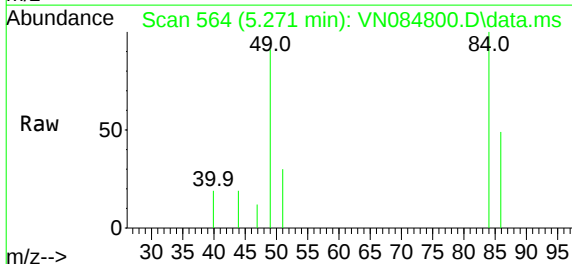
Acq: 12 Nov 2024 16:49

Instrument :

MSVOA\_N

ClientSampleId :

WC-TA2-03-G



Tgt Ion: 84 Resp: 4416

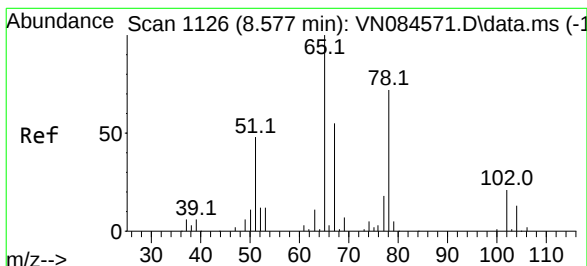
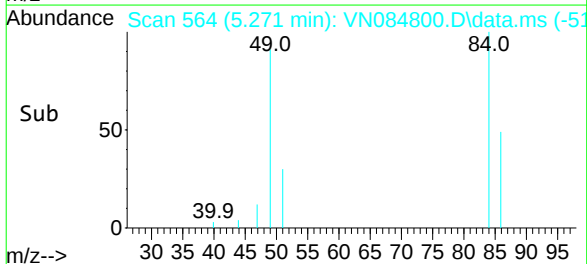
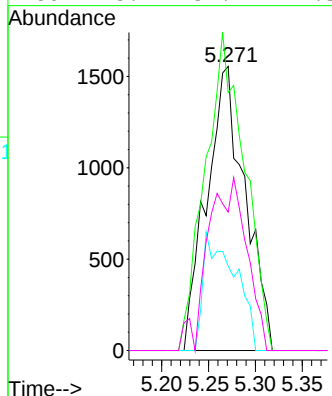
Ion Ratio Lower Upper

84 100

49 90.8 107.2 160.8#

51 29.7 31.8 47.8#

86 48.7 52.9 79.3#



#33

1,2-Dichloroethane-d4

Concen: 49.293 ug/l

RT: 8.571 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VN084800.D

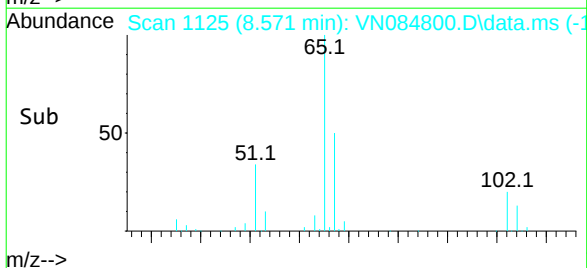
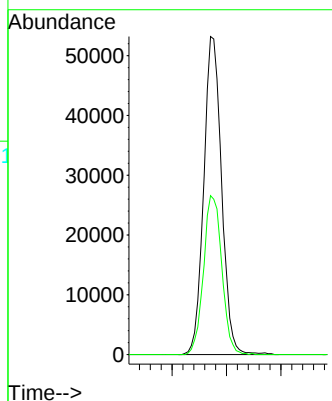
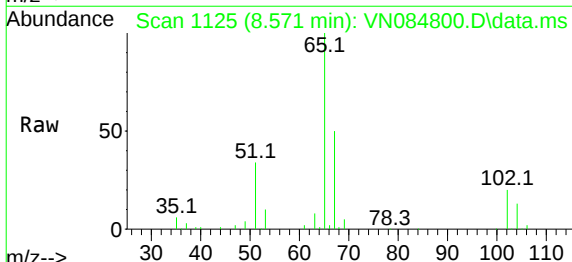
Acq: 12 Nov 2024 16:49

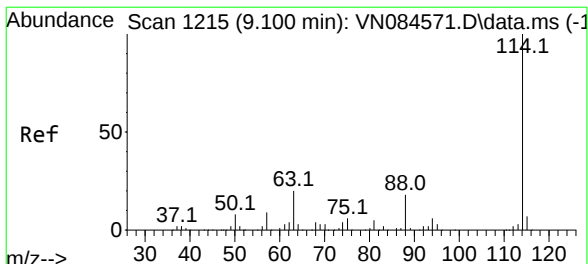
Tgt Ion: 65 Resp: 121229

Ion Ratio Lower Upper

65 100

67 51.1 0.0 102.0

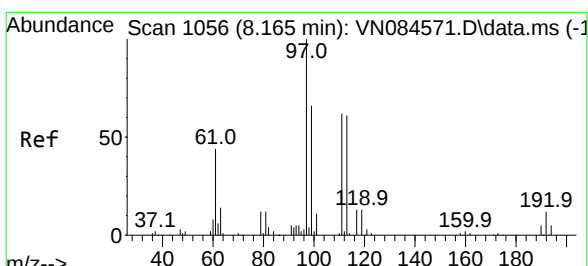
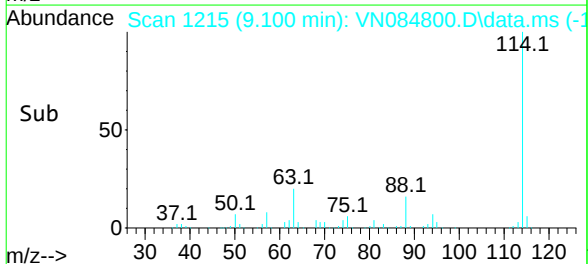
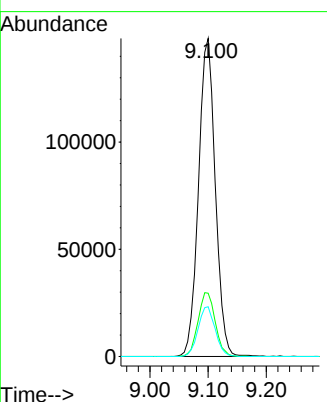
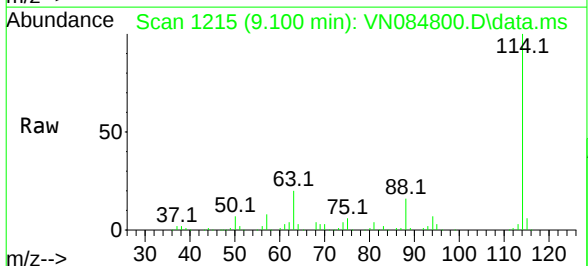




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 9.100 min Scan# 12  
 Delta R.T. 0.000 min  
 Lab File: VN084800.D  
 Acq: 12 Nov 2024 16:49

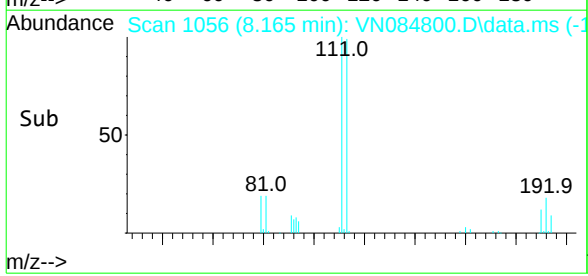
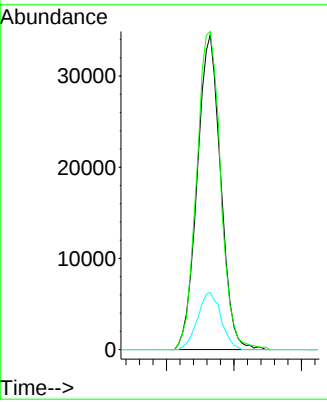
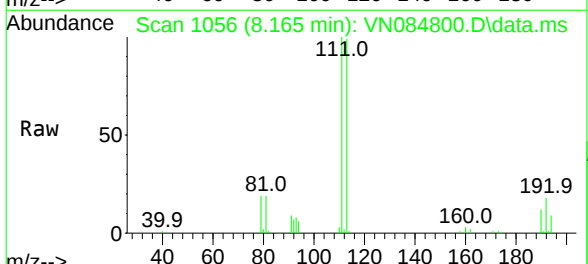
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-TA2-03-G

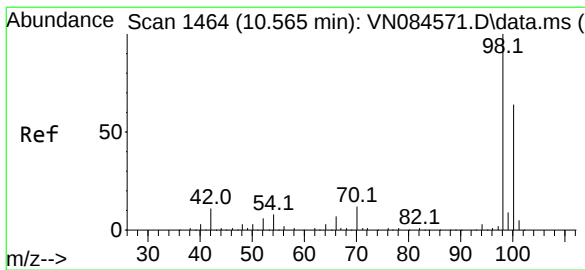
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 114   | Resp: | 297743 |
| Ion      | Ratio | Lower | Upper  |
| 114      | 100   |       |        |
| 63       | 19.9  | 0.0   | 43.8   |
| 88       | 15.6  | 0.0   | 31.6   |



#35  
 Dibromofluoromethane  
 Concen: 41.298 ug/l  
 RT: 8.165 min Scan# 1056  
 Delta R.T. -0.000 min  
 Lab File: VN084800.D  
 Acq: 12 Nov 2024 16:49

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 83230 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 103.4 | 83.3  | 124.9 |
| 192      | 18.2  | 13.5  | 20.3  |





#50

Toluene-d8

Concen: 45.653 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084800.D

Acq: 12 Nov 2024 16:49

Instrument :

MSVOA\_N

ClientSampleId :

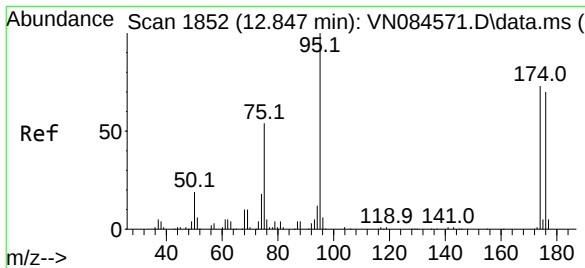
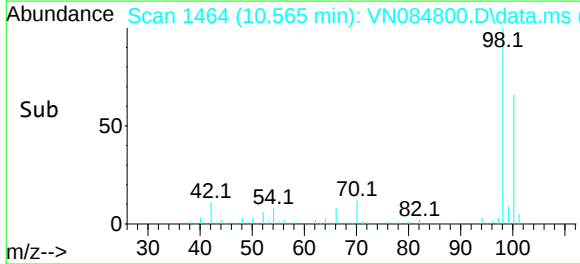
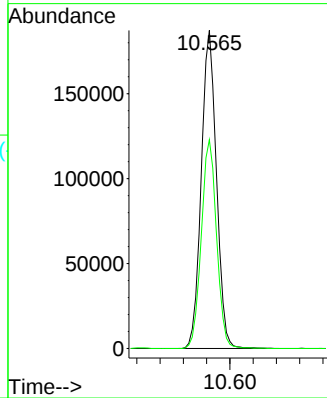
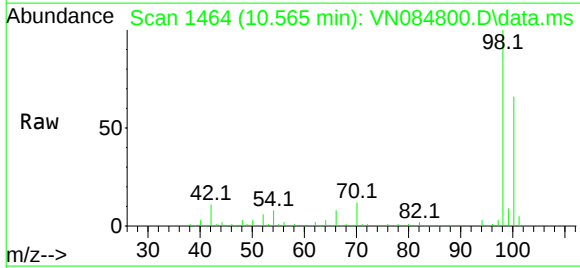
WC-TA2-03-G

Tgt Ion: 98 Resp: 338922

Ion Ratio Lower Upper

98 100

100 66.0 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 49.541 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084800.D

Acq: 12 Nov 2024 16:49

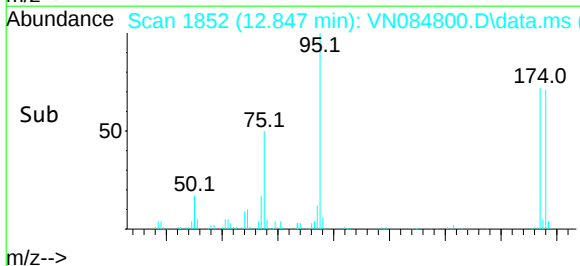
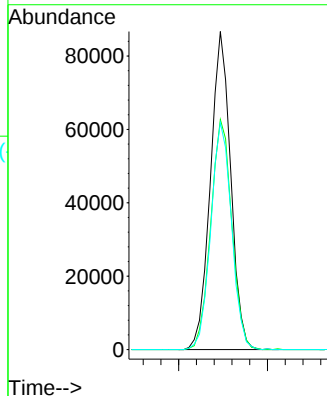
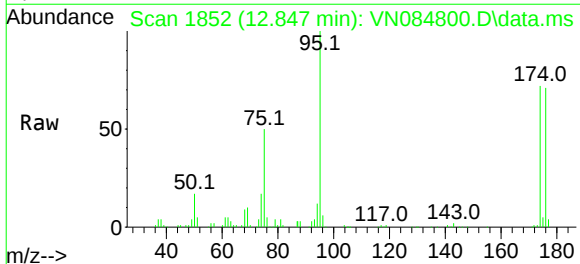
Tgt Ion: 95 Resp: 137454

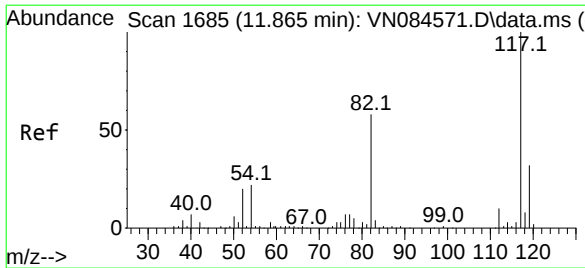
Ion Ratio Lower Upper

95 100

174 75.3 0.0 145.2

176 72.8 0.0 140.0

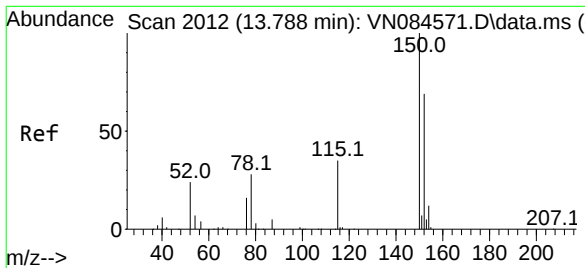
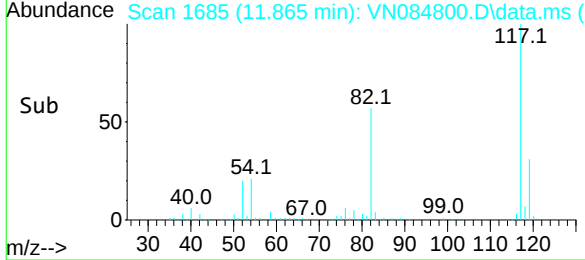
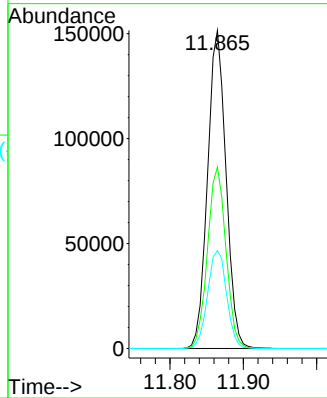
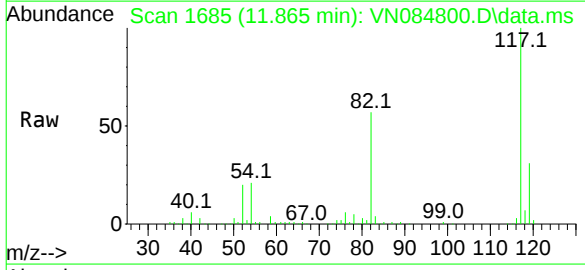




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: VN084800.D  
Acq: 12 Nov 2024 16:49

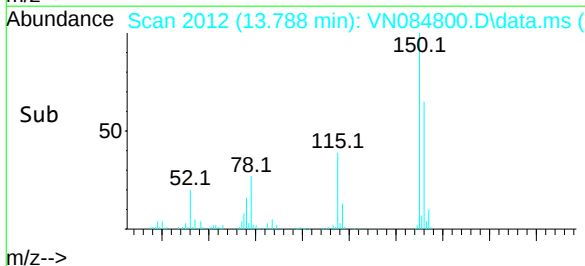
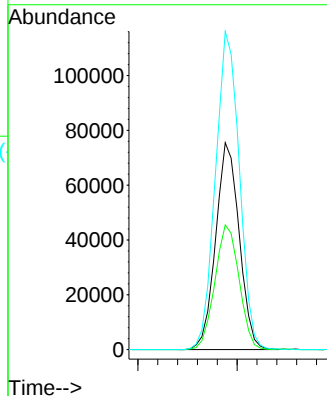
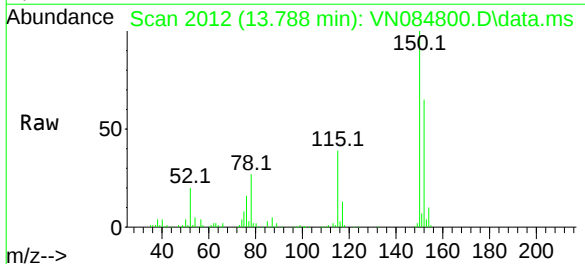
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ClientSampleId :  
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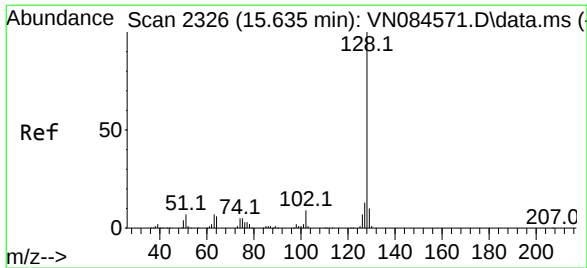
Tgt Ion:117 Resp: 265314  
Ion Ratio Lower Upper  
117 100  
82 57.1 47.2 70.8  
119 30.8 25.4 38.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.788 min Scan# 2012  
Delta R.T. 0.000 min  
Lab File: VN084800.D  
Acq: 12 Nov 2024 16:49

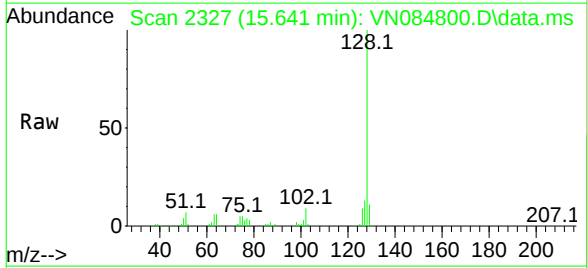
Tgt Ion:152 Resp: 124378  
Ion Ratio Lower Upper  
152 100  
115 61.9 31.3 93.9  
150 156.2 0.0 349.8





#95  
Naphthalene  
Concen: 19.586 ug/l  
RT: 15.641 min Scan# 23  
Delta R.T. 0.006 min  
Lab File: VN084800.D  
Acq: 12 Nov 2024 16:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-TA2-03-G



Tgt Ion:128 Resp: 140999  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.5 15.7  
129 10.9 8.7 13.1

