

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN110824\  
 Data File : VN084757.D  
 Acq On : 08 Nov 2024 18:08  
 Operator : JC\MD  
 Sample : P4739-08  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BP-G2

Quant Time: Nov 08 22:35:29 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

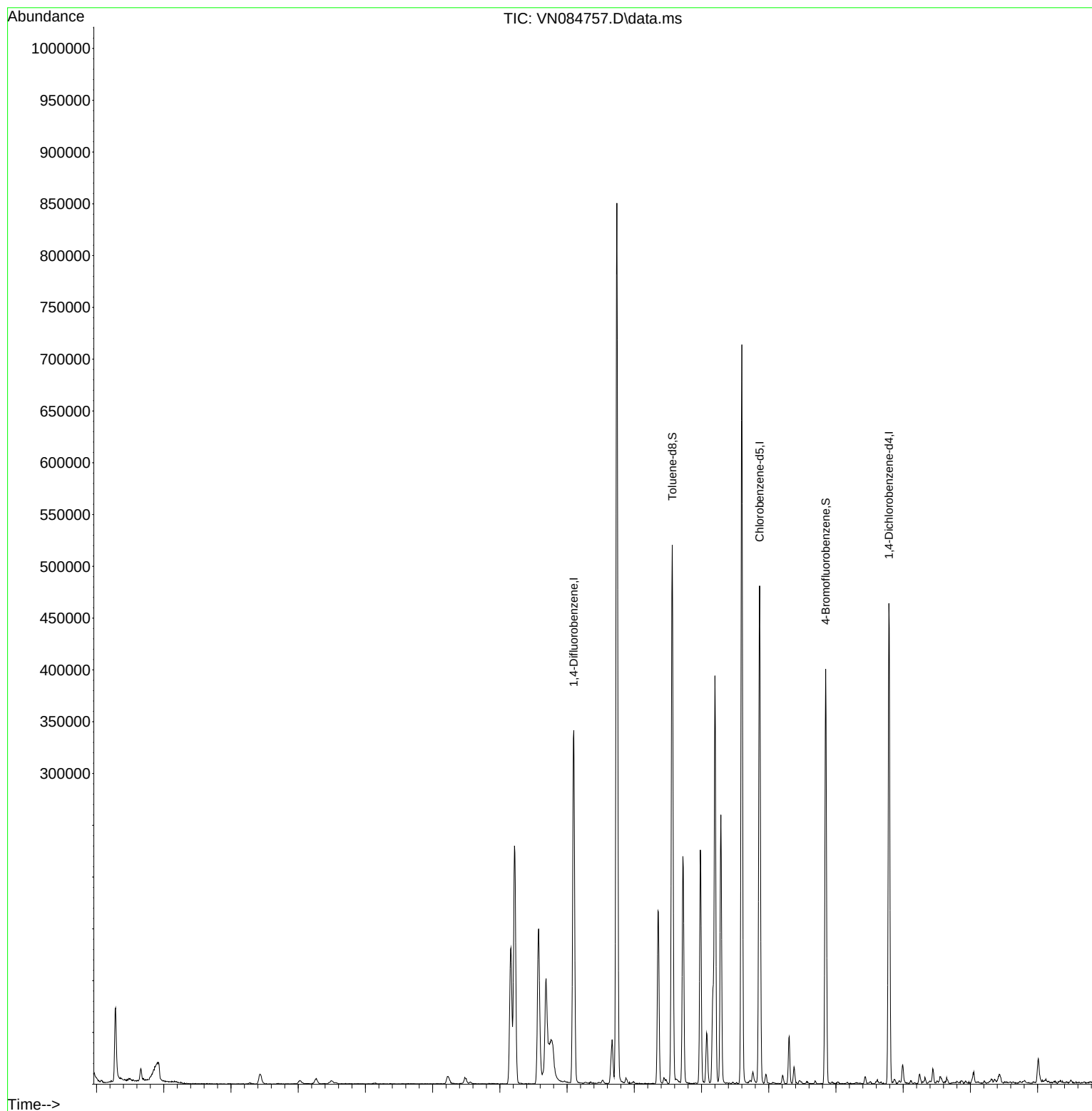
| Compound                    | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-----------------------------|--------|----------------|----------|--------|----------|----------|
| -----                       |        |                |          |        |          |          |
| Internal Standards          |        |                |          |        |          |          |
| 1) Pentafluorobenzene       | 8.224  | 168            | 166407   | 50.000 | ug/l     | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.100  | 114            | 298987   | 50.000 | ug/l     | 0.00     |
| 63) Chlorobenzene-d5        | 11.865 | 117            | 280845   | 50.000 | ug/l     | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.788 | 152            | 126928   | 50.000 | ug/l     | 0.00     |
| System Monitoring Compounds |        |                |          |        |          |          |
| 33) 1,2-Dichloroethane-d4   | 8.577  | 65             | 120683   | 50.212 | ug/l     | 0.00     |
| Spiked Amount               | 50.000 | Range 74 - 125 | Recovery | =      | 100.420% |          |
| 35) Dibromofluoromethane    | 8.165  | 113            | 96186    | 47.528 | ug/l     | 0.00     |
| Spiked Amount               | 50.000 | Range 75 - 124 | Recovery | =      | 95.060%  |          |
| 50) Toluene-d8              | 10.565 | 98             | 356681   | 47.845 | ug/l     | 0.00     |
| Spiked Amount               | 50.000 | Range 86 - 113 | Recovery | =      | 95.680%  |          |
| 62) 4-Bromofluorobenzene    | 12.847 | 95             | 139268   | 49.986 | ug/l     | 0.00     |
| Spiked Amount               | 50.000 | Range 77 - 121 | Recovery | =      | 99.980%  |          |
| Target Compounds            |        |                |          |        |          |          |
|                             |        |                |          |        | Qvalue   |          |
| 16) Acetone                 | 4.430  | 43             | 18291    | 23.764 | ug/l     | 91       |
| 20) Methylene Chloride      | 5.271  | 84             | 3846     | 1.819  | ug/l #   | 78       |
| 25) 2-Butanone              | 7.488  | 43             | 10354    | 9.234  | ug/l     | 94       |
| 40) Benzene                 | 8.600  | 78             | 14181    | 1.573  | ug/l     | 95       |
| 43) Isopropyl Acetate       | 8.688  | 43             | 125706   | 26.262 | ug/l #   | 84       |
| -----                       |        |                |          |        |          |          |

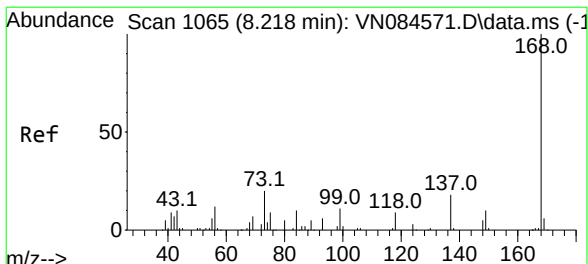
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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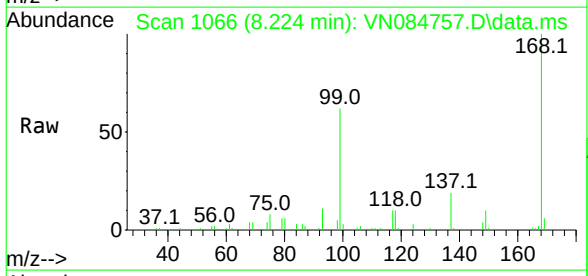
Quant Time: Nov 08 22:35:29 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N103024W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 31 18:45:38 2024  
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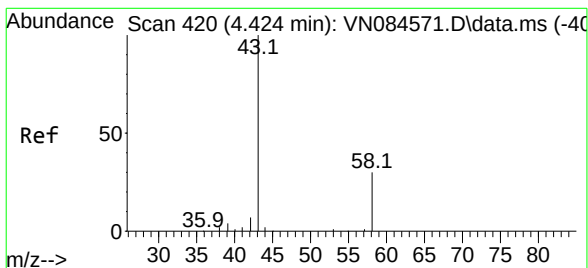
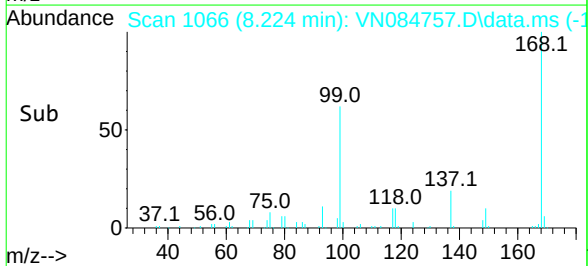
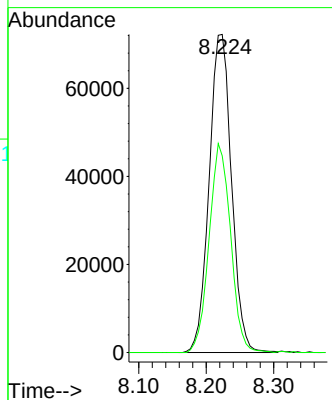


#1  
**Pentafluorobenzene**  
 Concen: 50.000 ug/l  
 RT: 8.224 min Scan# 1066  
 Delta R.T. -0.000 min  
 Lab File: VN084757.D  
 Acq: 08 Nov 2024 18:08

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BP-G2

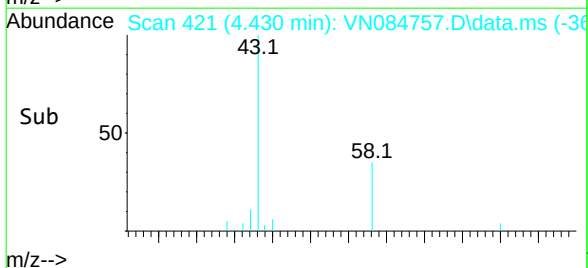
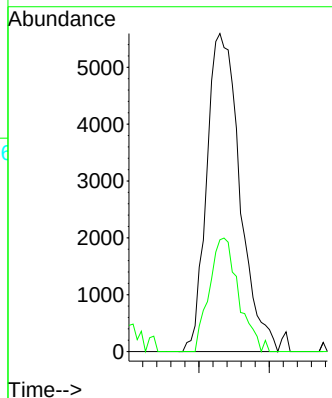
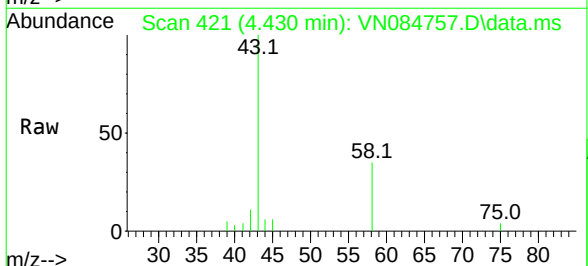


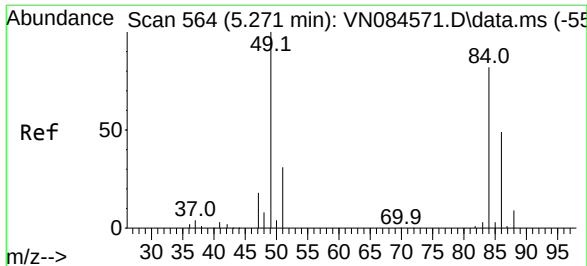
Tgt Ion: 168 Resp: 166407  
 Ion Ratio Lower Upper  
 168 100  
 99 61.8 54.2 81.2



#16  
**Acetone**  
 Concen: 23.764 ug/l  
 RT: 4.430 min Scan# 421  
 Delta R.T. 0.006 min  
 Lab File: VN084757.D  
 Acq: 08 Nov 2024 18:08

Tgt Ion: 43 Resp: 18291  
 Ion Ratio Lower Upper  
 43 100  
 58 35.1 24.4 36.6





#20

Methylene Chloride

Concen: 1.819 ug/l

RT: 5.271 min Scan# 564

Delta R.T. -0.006 min

Lab File: VN084757.D

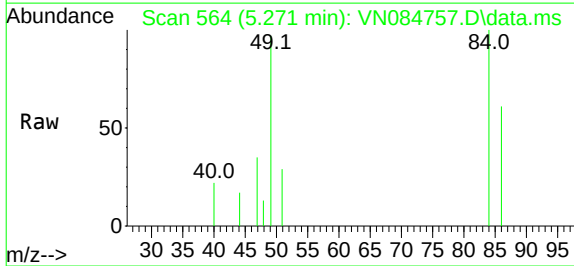
Acq: 08 Nov 2024 18:08

Instrument :

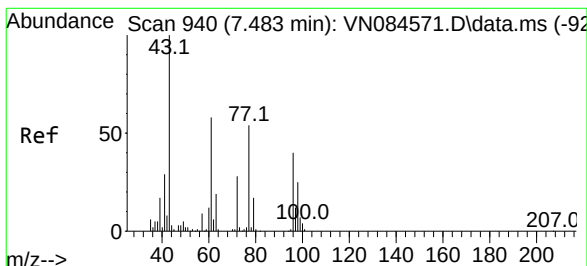
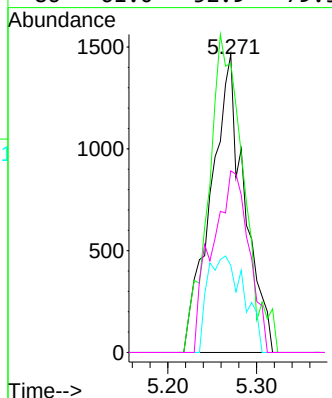
MSVOA\_N

ClientSampleId :

BP-G2



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 84    | Resp: | 3846   |
| Ion      | Ratio | Lower | Upper  |
| 84       | 100   |       |        |
| 49       | 97.1  | 107.2 | 160.8# |
| 51       | 29.2  | 31.8  | 47.8#  |
| 86       | 61.0  | 52.9  | 79.3   |



#25

2-Butanone

Concen: 9.234 ug/l

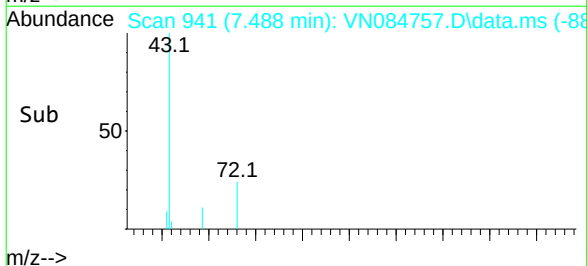
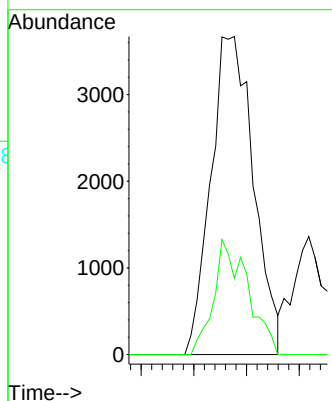
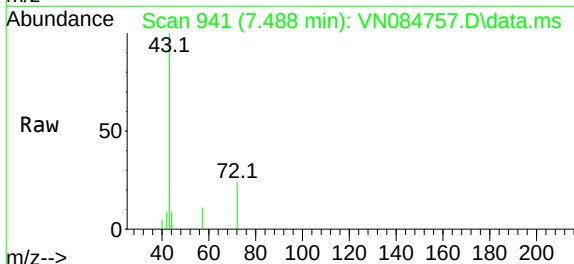
RT: 7.488 min Scan# 941

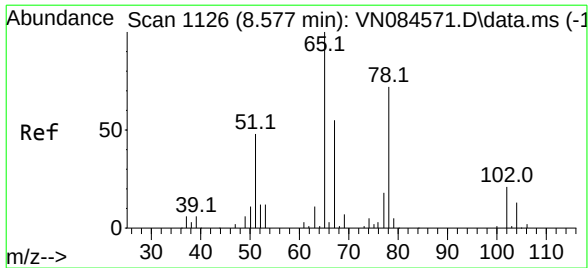
Delta R.T. 0.006 min

Lab File: VN084757.D

Acq: 08 Nov 2024 18:08

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 10354 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 23.9  | 21.4  | 32.2  |



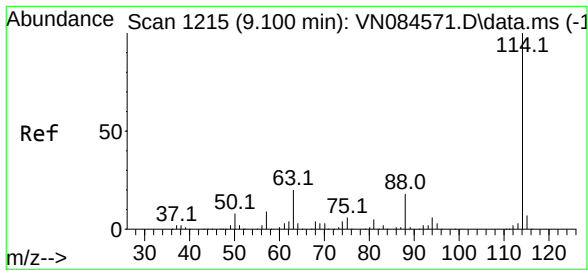
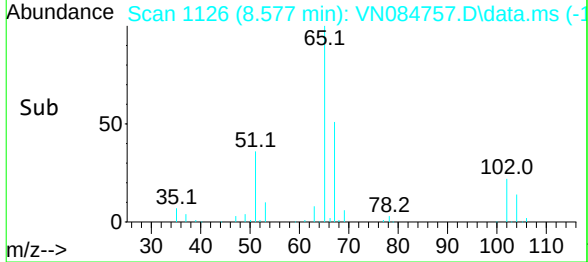
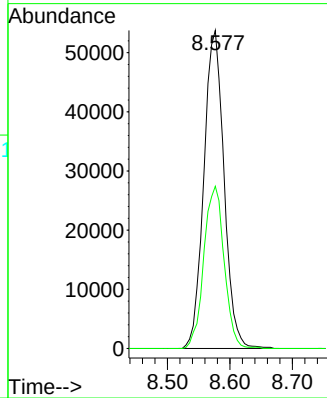
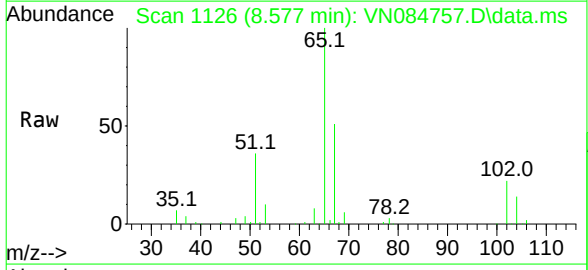


#33  
 1,2-Dichloroethane-d4  
 Concen: 50.212 ug/l  
 RT: 8.577 min Scan# 1116  
 Delta R.T. -0.000 min  
 Lab File: VN084757.D  
 Acq: 08 Nov 2024 18:08

Instrument :  
 MSVOA\_N  
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 BP-G2

Tgt Ion: 65 Resp: 120683  

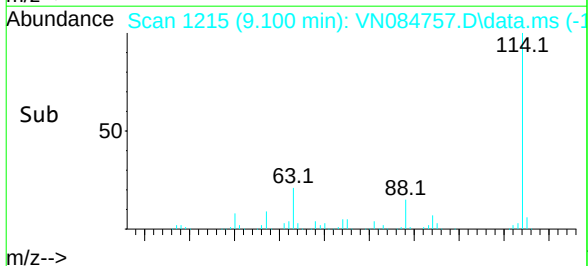
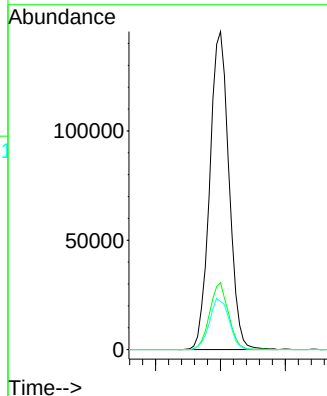
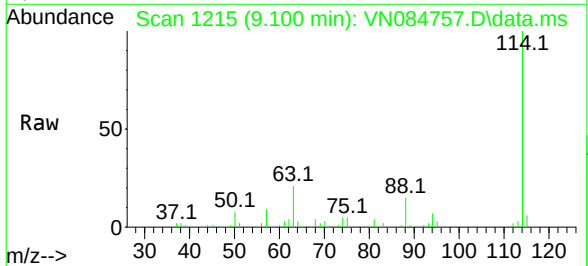
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 51.3  | 0.0   | 102.0 |

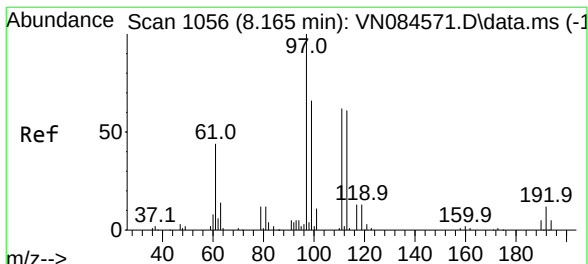


#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 9.100 min Scan# 1215  
 Delta R.T. 0.000 min  
 Lab File: VN084757.D  
 Acq: 08 Nov 2024 18:08

Tgt Ion: 114 Resp: 298987  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 114 | 100   |       |       |
| 63  | 21.0  | 0.0   | 43.8  |
| 88  | 15.1  | 0.0   | 31.6  |

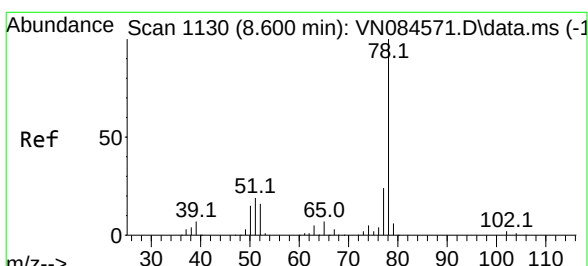
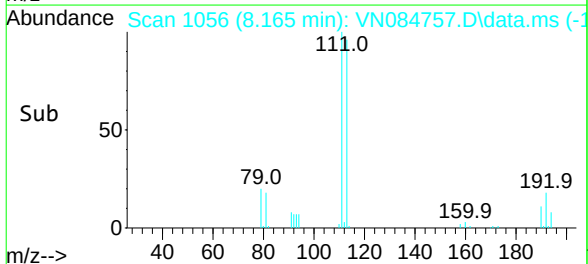
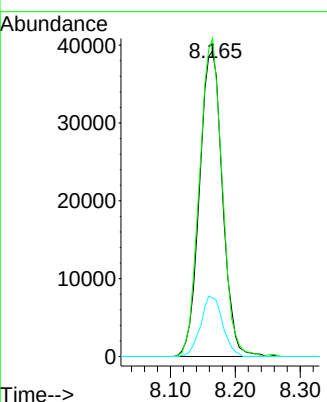
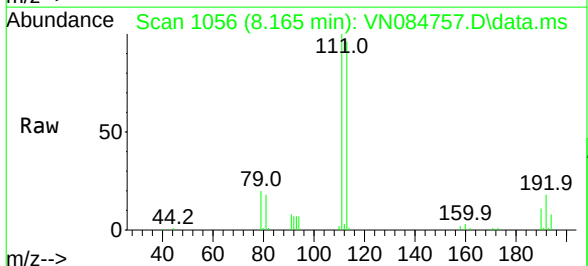




#35  
 Dibromofluoromethane  
 Concen: 47.528 ug/l  
 RT: 8.165 min Scan# 1056  
 Delta R.T. -0.000 min  
 Lab File: VN084757.D  
 Acq: 08 Nov 2024 18:08

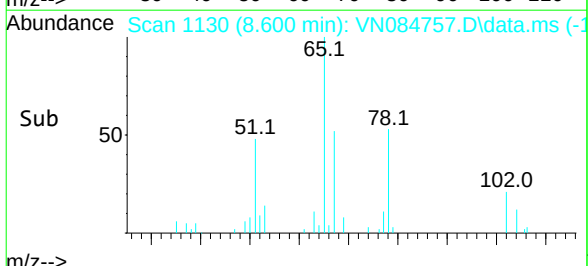
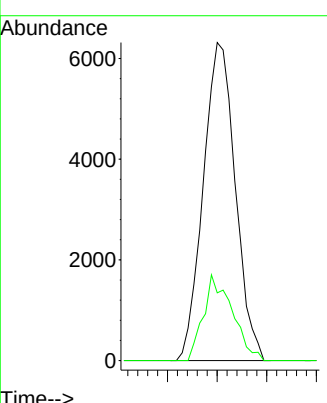
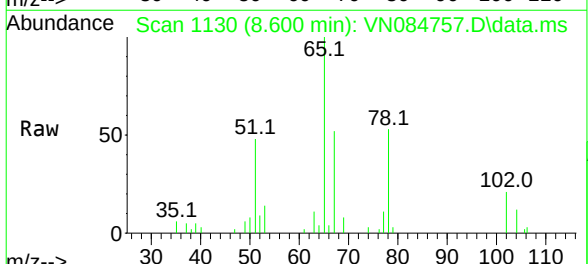
Instrument : MSVOA\_N  
 ClientSampleId : BP-G2

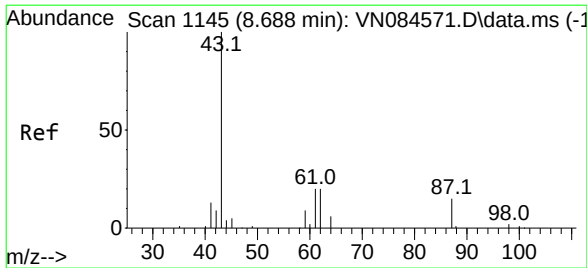
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 96186 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 102.9 | 83.3  | 124.9 |
| 192      | 19.0  | 13.5  | 20.3  |



#40  
 Benzene  
 Concen: 1.573 ug/l  
 RT: 8.600 min Scan# 1130  
 Delta R.T. -0.006 min  
 Lab File: VN084757.D  
 Acq: 08 Nov 2024 18:08

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 78    | Resp: | 14181 |
| Ion      | Ratio | Lower | Upper |
| 78       | 100   |       |       |
| 77       | 21.3  | 19.1  | 28.7  |

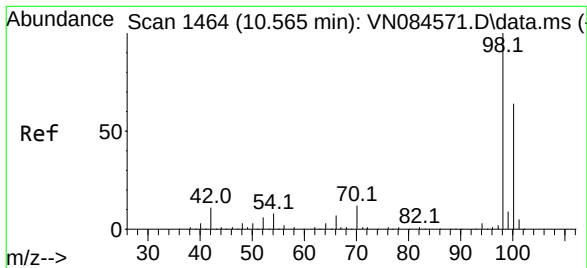
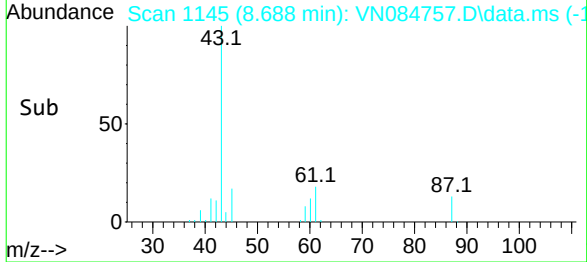
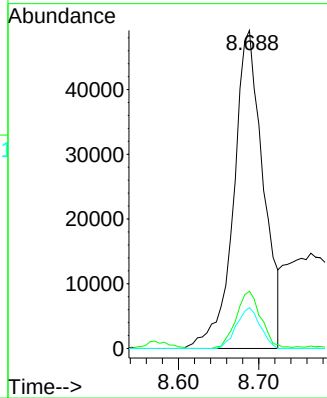
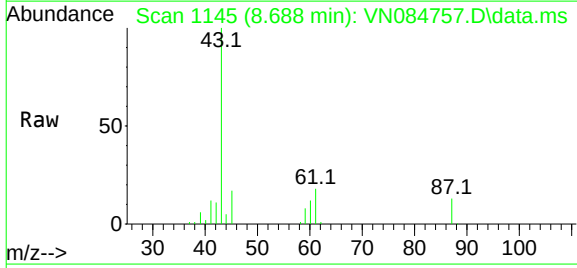




#43  
Isopropyl Acetate  
Concen: 26.262 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. 0.000 min  
Lab File: VN084757.D  
Acq: 08 Nov 2024 18:08

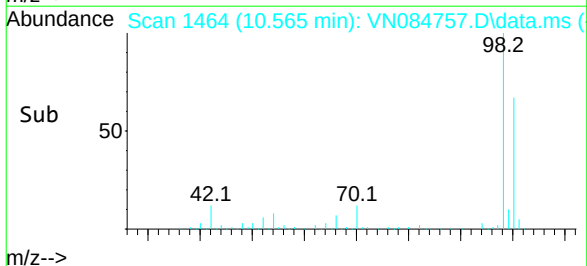
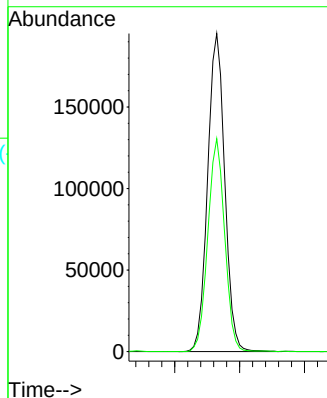
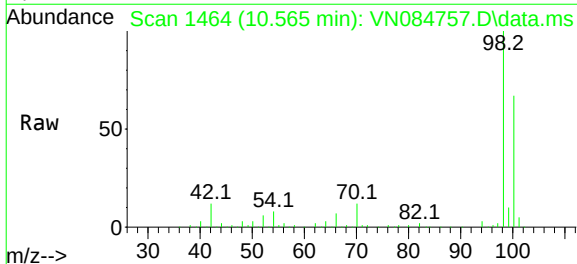
Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-G2

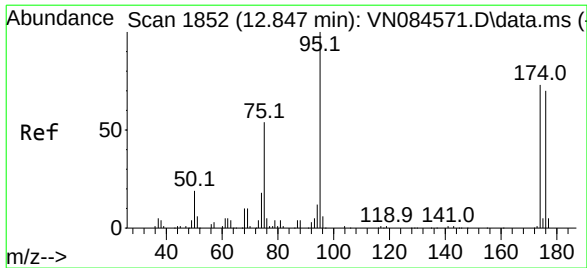
Tgt Ion: 43 Resp: 125706  
Ion Ratio Lower Upper  
43 100  
61 15.2 20.4 30.6#  
87 10.2 10.3 15.5#



#50  
Toluene-d8  
Concen: 47.845 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. -0.000 min  
Lab File: VN084757.D  
Acq: 08 Nov 2024 18:08

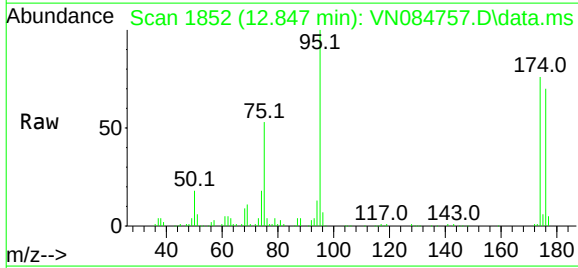
Tgt Ion: 98 Resp: 356681  
Ion Ratio Lower Upper  
98 100  
100 66.1 52.7 79.1



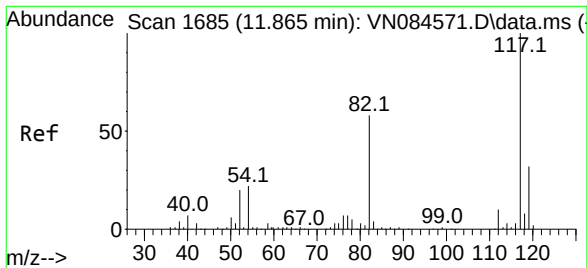
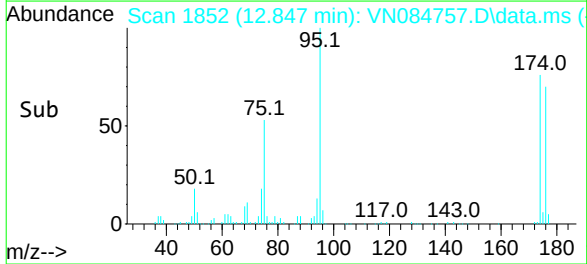
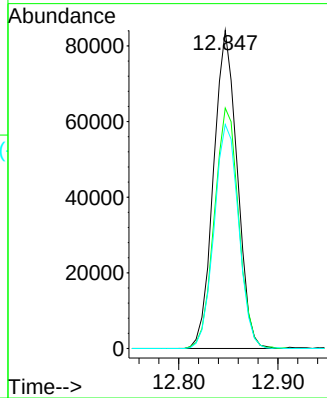


#62  
4-Bromofluorobenzene  
Concen: 49.986 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN084757.D  
Acq: 08 Nov 2024 18:08

Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-G2

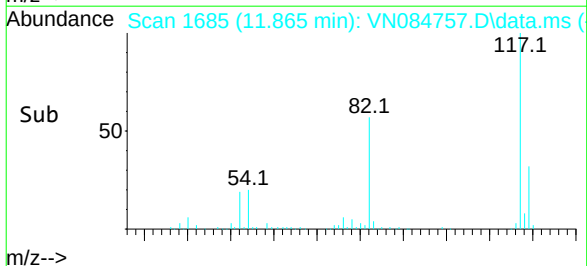
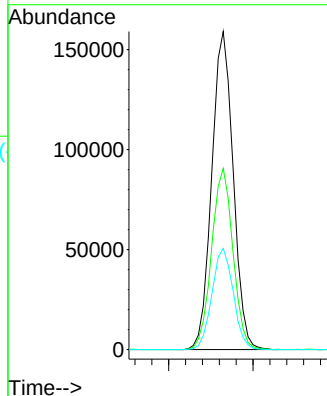
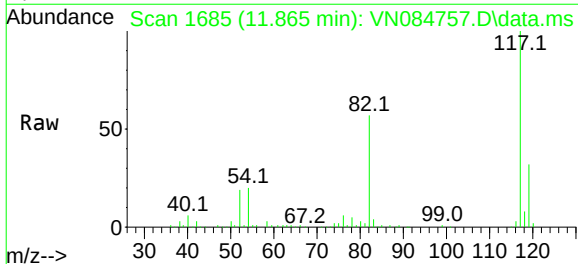


Tgt Ion: 95 Resp: 139268  
Ion Ratio Lower Upper  
95 100  
174 77.5 0.0 145.2  
176 72.8 0.0 140.0

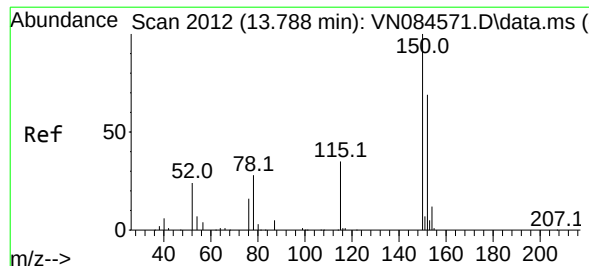


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: VN084757.D  
Acq: 08 Nov 2024 18:08

Tgt Ion: 117 Resp: 280845  
Ion Ratio Lower Upper  
117 100  
82 56.9 47.2 70.8  
119 31.8 25.4 38.0

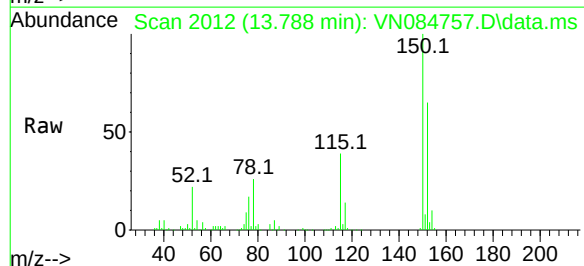






#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.788 min Scan# 20  
 Delta R.T. 0.000 min  
 Lab File: VN084757.D  
 Acq: 08 Nov 2024 18:08

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BP-G2



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 152   | Resp: | 126928 |
| Ion      | Ratio | Lower | Upper  |
| 152      | 100   |       |        |
| 115      | 62.2  | 31.3  | 93.9   |
| 150      | 155.0 | 0.0   | 349.8  |

