

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN111324\  
 Data File : VN084838.D  
 Acq On : 13 Nov 2024 19:59  
 Operator : JC\MD  
 Sample : P4732-05  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PPE-Grab

Quant Time: Nov 14 00:42:42 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

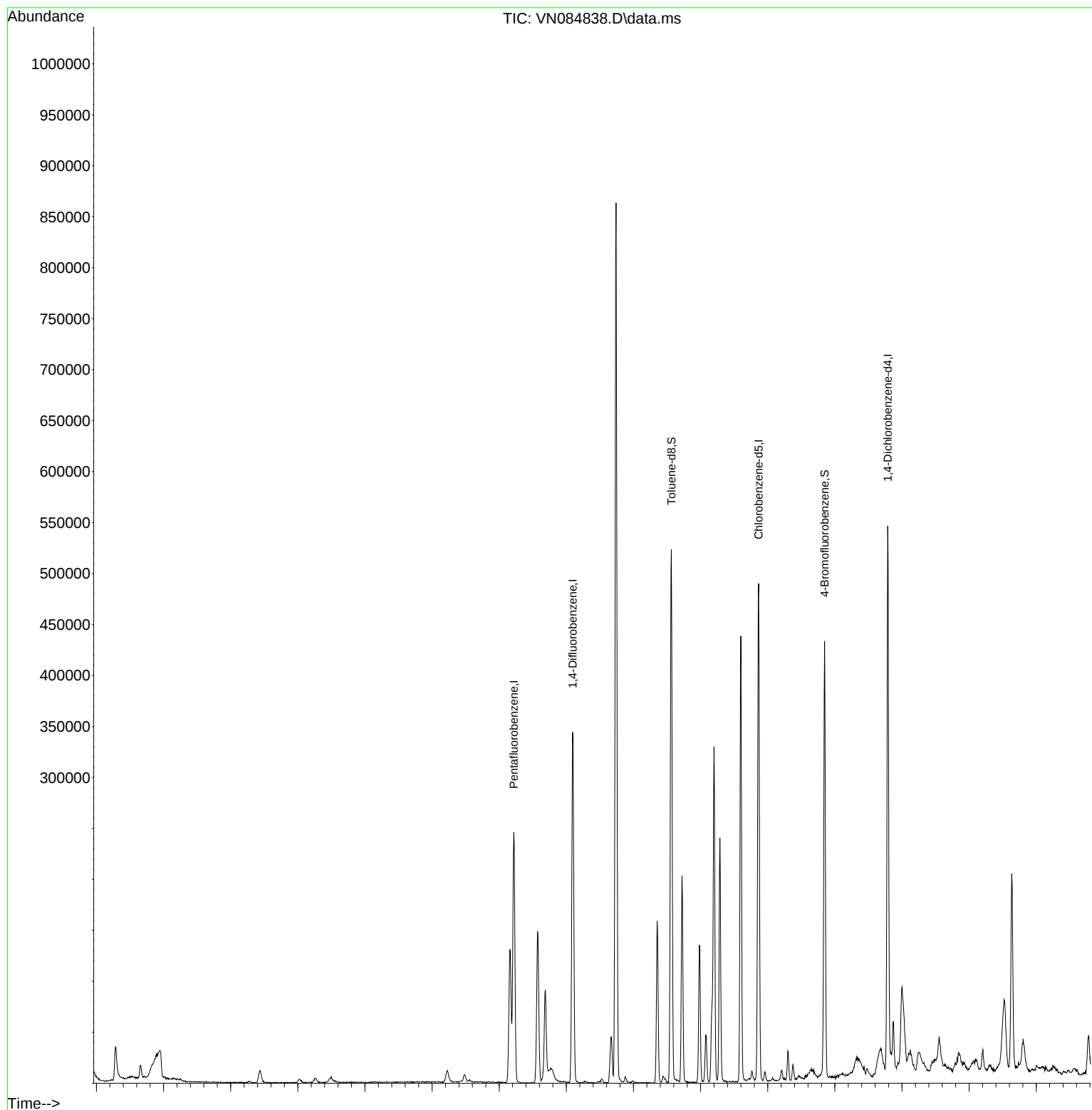
| Compound                    | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|----------|--------|----------|
| -----                       |                |      |            |          |        |          |
| Internal Standards          |                |      |            |          |        |          |
| 1) Pentafluorobenzene       | 8.218          | 168  | 176971     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.094          | 114  | 305388     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.865         | 117  | 281844     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.788         | 152  | 143495     | 50.000   | ug/l   | 0.00     |
|                             |                |      |            |          |        |          |
| System Monitoring Compounds |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.571          | 65   | 123076     | 48.151   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = | 96.300%  |        |          |
| 35) Dibromofluoromethane    | 8.165          | 113  | 97132      | 46.989   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = | 93.980%  |        |          |
| 50) Toluene-d8              | 10.565         | 98   | 368952     | 48.453   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = | 96.900%  |        |          |
| 62) 4-Bromofluorobenzene    | 12.847         | 95   | 148858     | 52.308   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 77 - 121 |      | Recovery = | 104.620% |        |          |
|                             |                |      |            |          |        |          |
| Target Compounds            |                |      |            |          |        |          |
| 16) Acetone                 | 4.442          | 43   | 20094      | 24.643   | ug/l   | 100      |
| 20) Methylene Chloride      | 5.265          | 84   | 3301       | 1.468    | ug/l   | 84       |
| 25) 2-Butanone              | 7.483          | 43   | 11570      | 9.702    | ug/l   | 99       |
| 43) Isopropyl Acetate       | 8.688          | 43   | 107046     | 21.731   | ug/l # | 91       |
| 95) Naphthalene             | 15.635         | 128  | 178434     | 21.484   | ug/l   | 99       |
| -----                       |                |      |            |          |        |          |

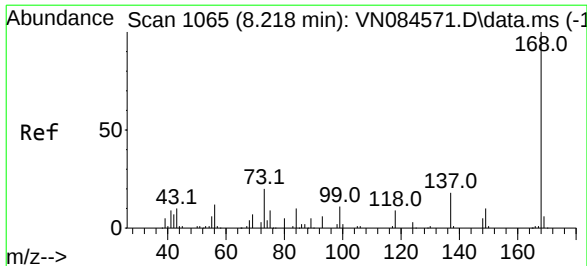
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN111324\  
Data File : VN084838.D  
Acq On : 13 Nov 2024 19:59  
Operator : JC\MD  
Sample : P4732-05  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
PPE-Grab

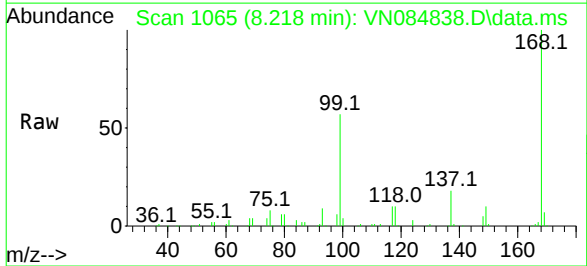
Quant Time: Nov 14 00:42:42 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N103024W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 31 18:45:38 2024  
Response via : Initial Calibration



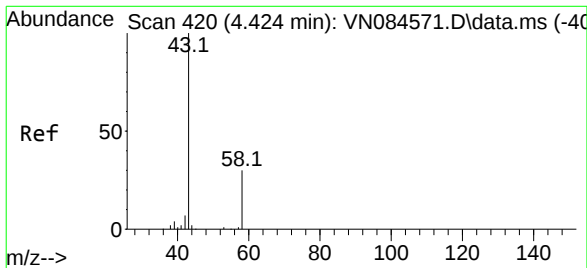
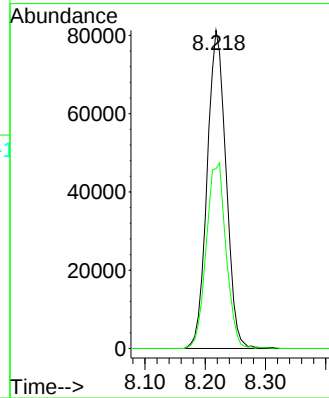
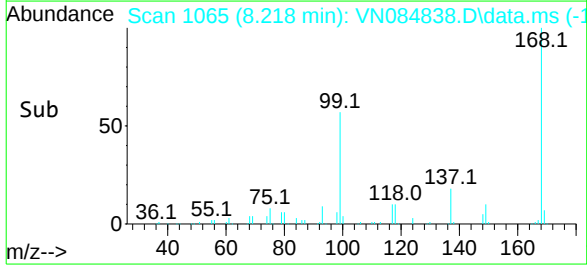


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.218 min Scan# 1065  
Delta R.T. -0.006 min  
Lab File: VN084838.D  
Acq: 13 Nov 2024 19:59

Instrument :  
MSVOA\_N  
ClientSampleId :  
PPE-Grab

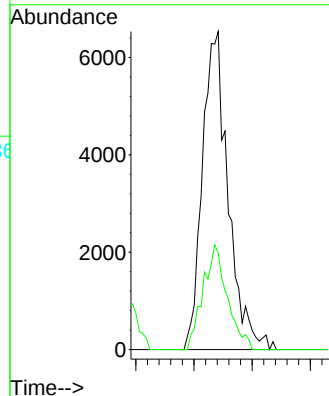
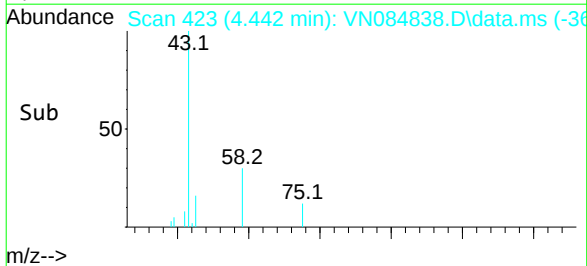
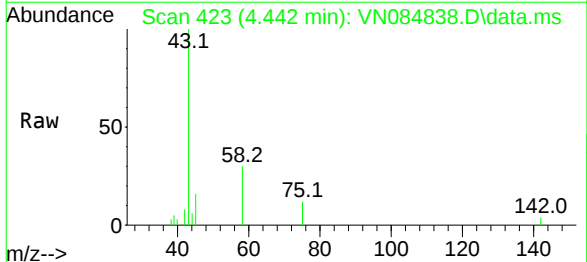


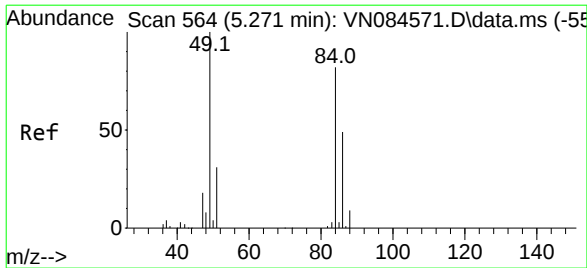
Tgt Ion:168 Resp: 176971  
Ion Ratio Lower Upper  
168 100  
99 56.5 54.2 81.2



#16  
Acetone  
Concen: 24.643 ug/l  
RT: 4.442 min Scan# 423  
Delta R.T. 0.018 min  
Lab File: VN084838.D  
Acq: 13 Nov 2024 19:59

Tgt Ion: 43 Resp: 20094  
Ion Ratio Lower Upper  
43 100  
58 30.4 24.4 36.6

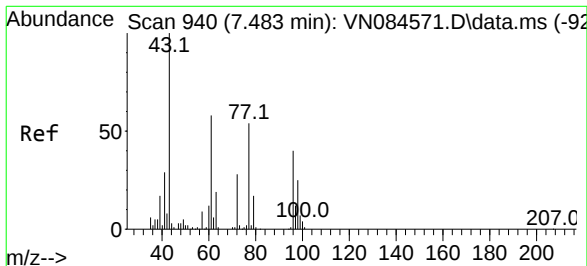
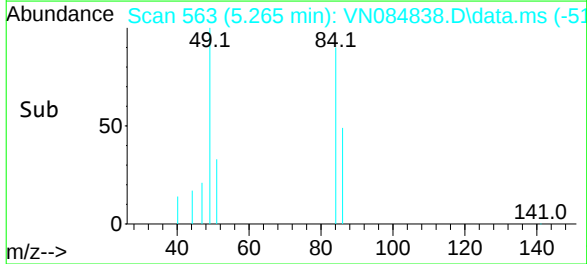
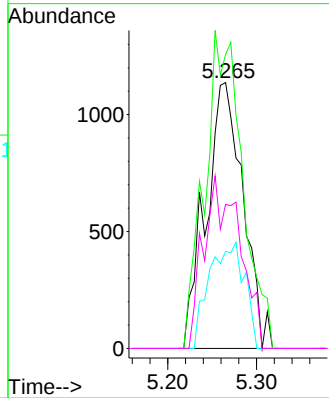
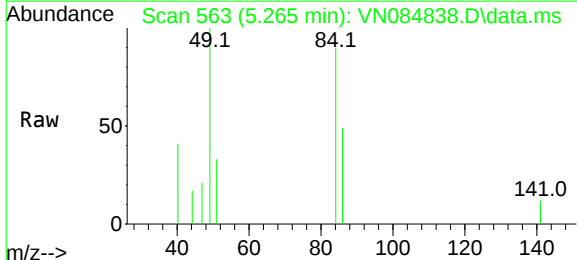




#20  
Methylene Chloride  
Concen: 1.468 ug/l  
RT: 5.265 min Scan# 564  
Delta R.T. -0.012 min  
Lab File: VN084838.D  
Acq: 13 Nov 2024 19:59

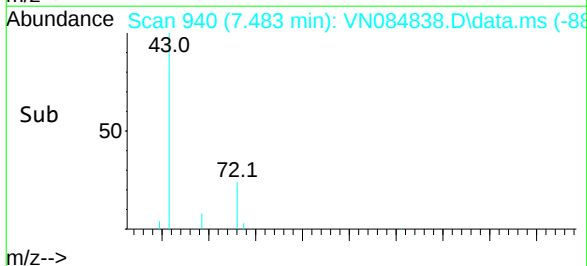
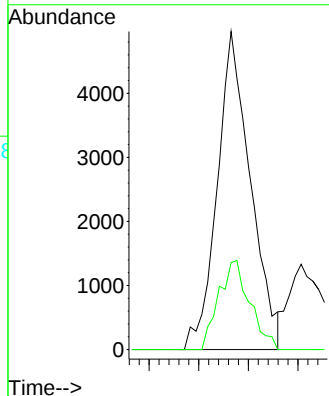
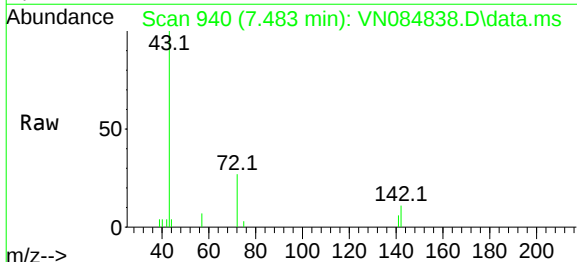
Instrument :  
MSVOA\_N  
ClientSampleId :  
PPE-Grab

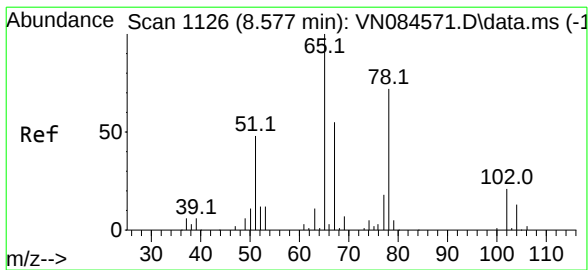
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 3301  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 110.6 | 107.2 | 160.8 |
| 51       | 36.5  | 31.8  | 47.8  |
| 86       | 54.2  | 52.9  | 79.3  |



#25  
2-Butanone  
Concen: 9.702 ug/l  
RT: 7.483 min Scan# 940  
Delta R.T. 0.000 min  
Lab File: VN084838.D  
Acq: 13 Nov 2024 19:59

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 11570 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 27.3  | 21.4  | 32.2  |



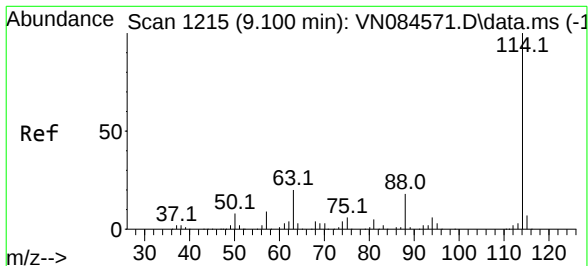
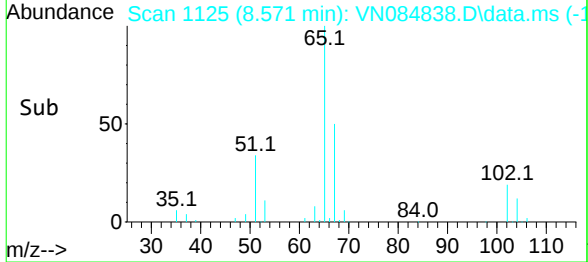
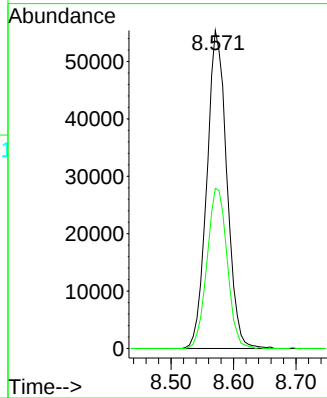
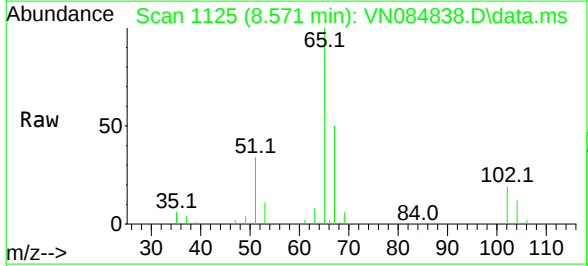


#33  
 1,2-Dichloroethane-d4  
 Concen: 48.151 ug/l  
 RT: 8.571 min Scan# 111  
 Delta R.T. -0.006 min  
 Lab File: VN084838.D  
 Acq: 13 Nov 2024 19:59

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PPE-Grab

Tgt Ion: 65 Resp: 123076  

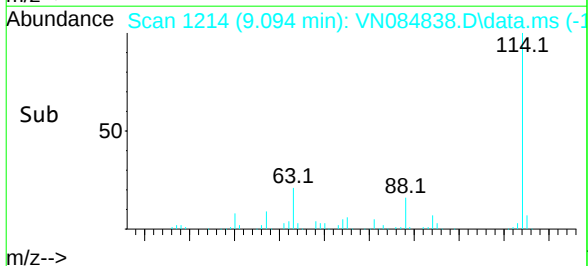
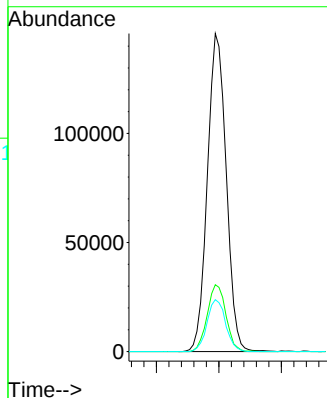
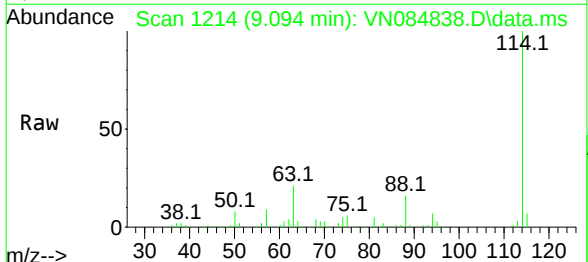
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 50.7  | 0.0   | 102.0 |

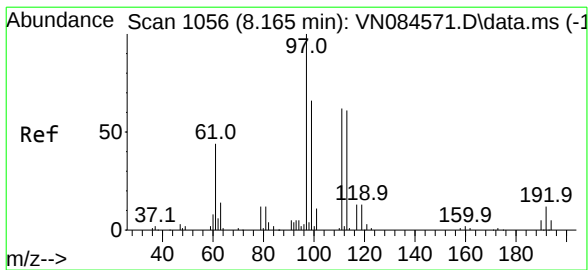


#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 9.094 min Scan# 1214  
 Delta R.T. -0.006 min  
 Lab File: VN084838.D  
 Acq: 13 Nov 2024 19:59

Tgt Ion: 114 Resp: 305388  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 114 | 100   |       |       |
| 63  | 21.0  | 0.0   | 43.8  |
| 88  | 16.3  | 0.0   | 31.6  |





#35

Dibromofluoromethane

Concen: 46.989 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084838.D

Acq: 13 Nov 2024 19:59

Instrument :

MSVOA\_N

ClientSampleId :

PPE-Grab

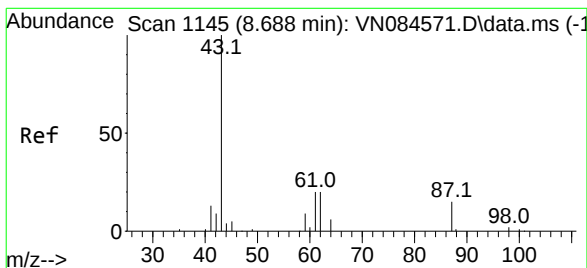
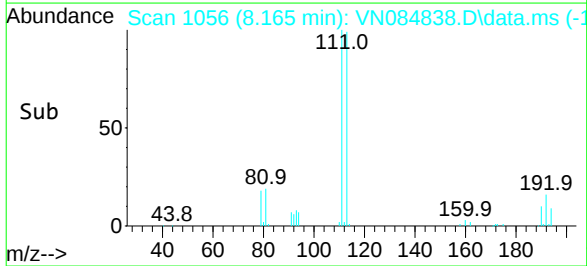
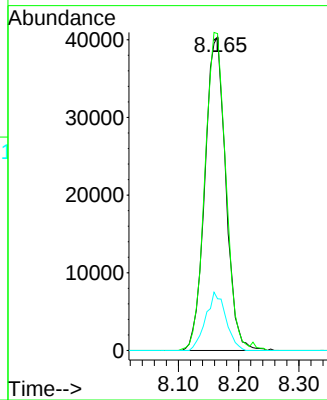
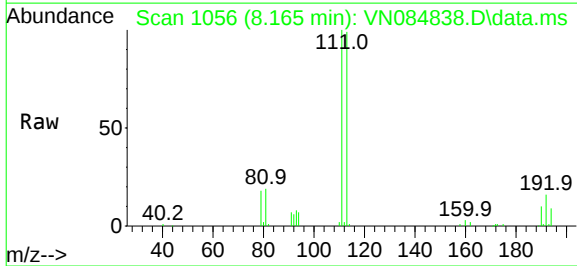
Tgt Ion:113 Resp: 97132

Ion Ratio Lower Upper

113 100

111 102.1 83.3 124.9

192 18.0 13.5 20.3



#43

Isopropyl Acetate

Concen: 21.731 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN084838.D

Acq: 13 Nov 2024 19:59

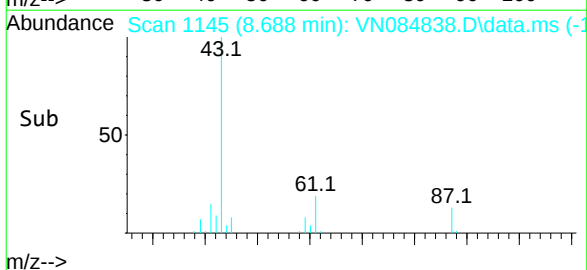
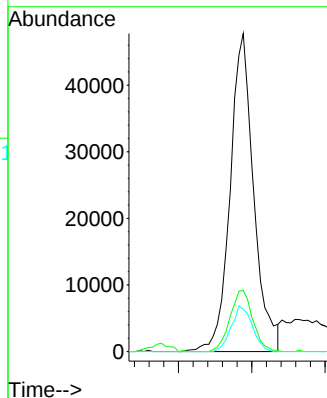
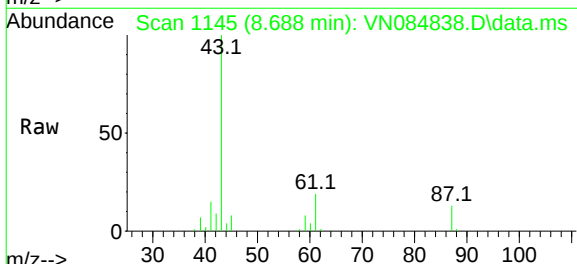
Tgt Ion: 43 Resp: 107046

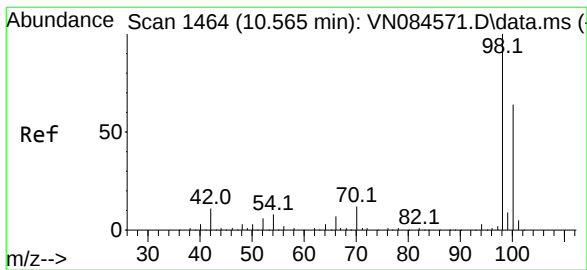
Ion Ratio Lower Upper

43 100

61 18.5 20.4 30.6#

87 12.7 10.3 15.5





#50

Toluene-d8

Concen: 48.453 ug/l

RT: 10.565 min Scan# 14

Delta R.T. -0.000 min

Lab File: VN084838.D

Acq: 13 Nov 2024 19:59

Instrument :

MSVOA\_N

ClientSampleId :

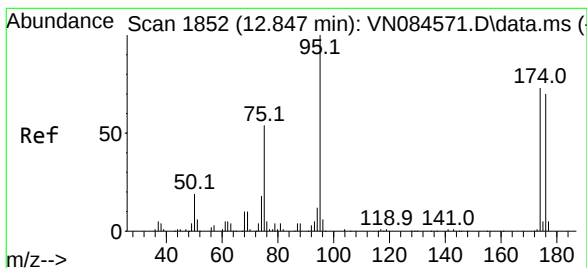
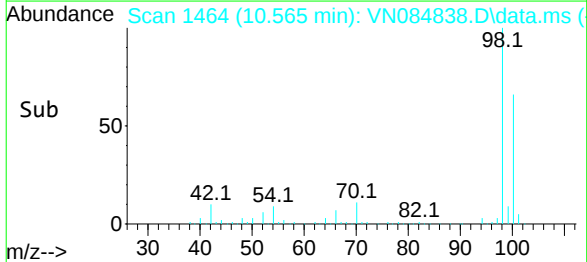
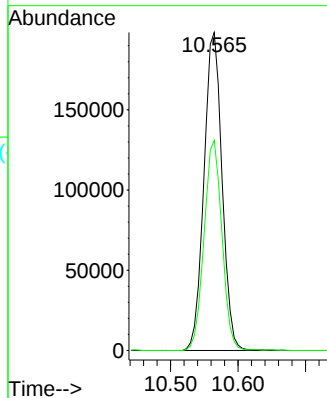
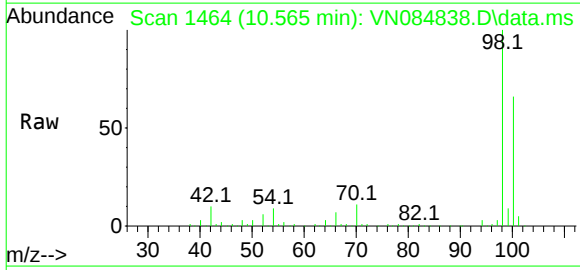
PPE-Grab

Tgt Ion: 98 Resp: 368952

Ion Ratio Lower Upper

98 100

100 65.2 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 52.308 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084838.D

Acq: 13 Nov 2024 19:59

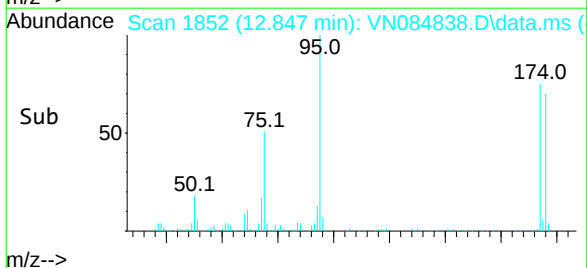
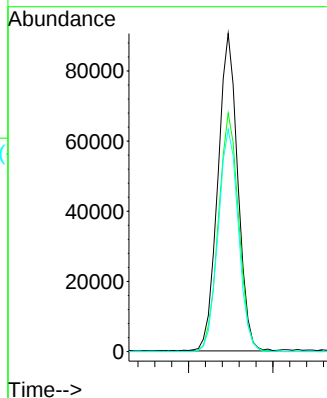
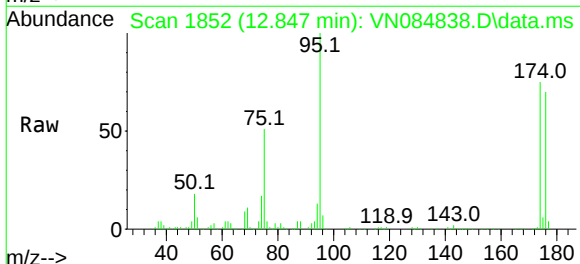
Tgt Ion: 95 Resp: 148858

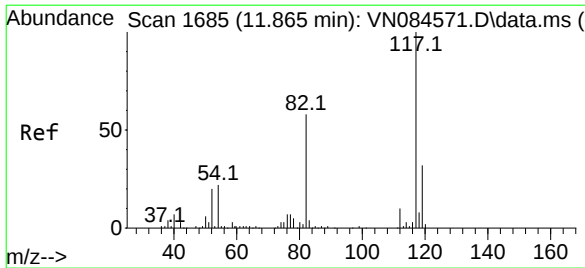
Ion Ratio Lower Upper

95 100

174 76.3 0.0 145.2

176 71.0 0.0 140.0

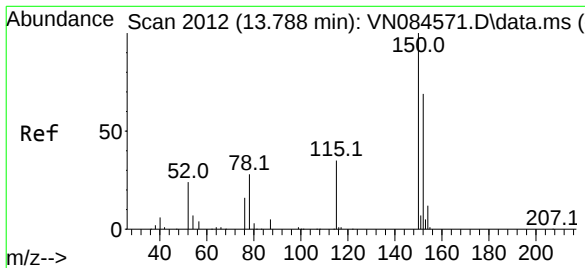
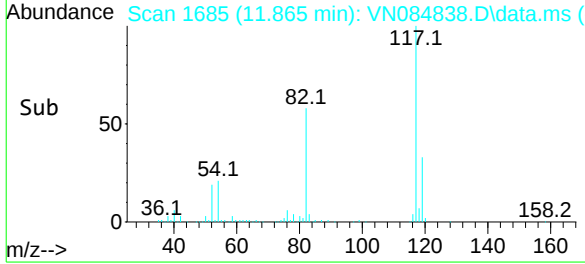
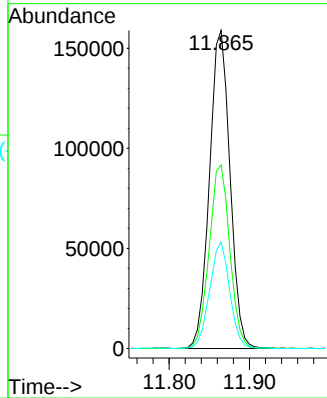
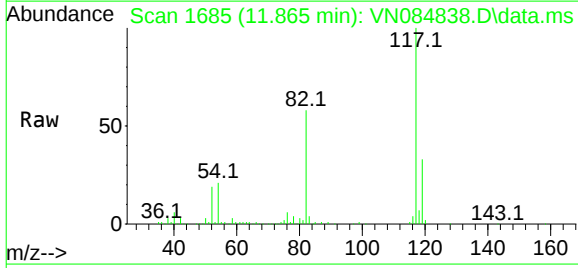




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: VN084838.D  
Acq: 13 Nov 2024 19:59

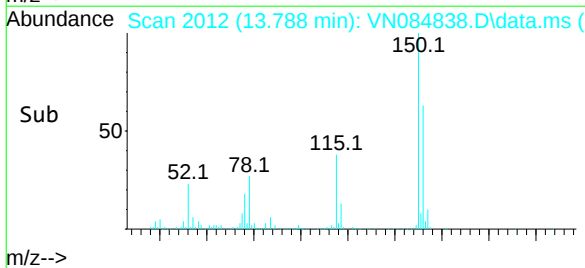
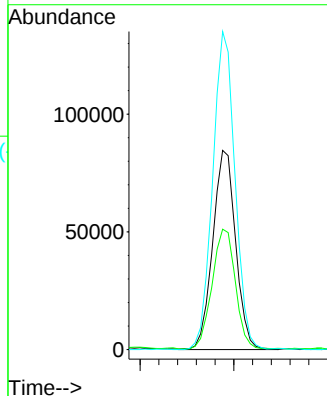
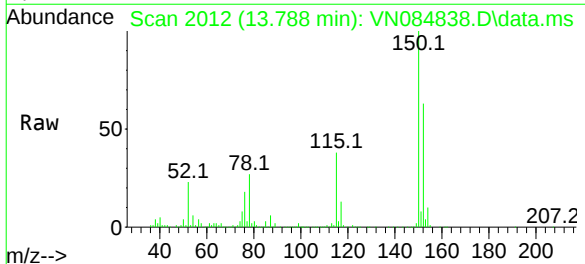
Instrument :  
MSVOA\_N  
ClientSampleId :  
PPE-Grab

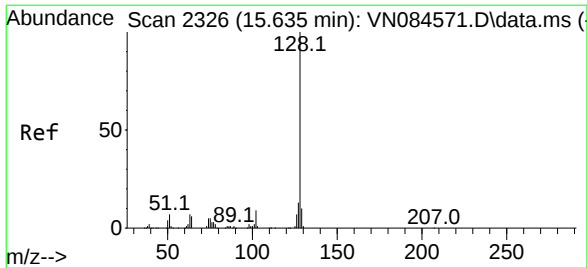
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 281844 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 57.7  | 47.2  | 70.8   |
| 119      | 33.4  | 25.4  | 38.0   |



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.788 min Scan# 2012  
Delta R.T. 0.000 min  
Lab File: VN084838.D  
Acq: 13 Nov 2024 19:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 152   | Resp: | 143495 |
| Ion      | Ratio | Lower | Upper  |
| 152      | 100   |       |        |
| 115      | 61.0  | 31.3  | 93.9   |
| 150      | 155.5 | 0.0   | 349.8  |





#95  
Naphthalene  
Concen: 21.484 ug/l  
RT: 15.635 min Scan# 23  
Delta R.T. 0.000 min  
Lab File: VN084838.D  
Acq: 13 Nov 2024 19:59

Instrument :  
MSVOA\_N  
ClientSampleId :  
PPE-Grab

Tgt Ion:128 Resp: 178434  
Ion Ratio Lower Upper  
128 100  
127 13.4 10.5 15.7  
129 11.7 8.7 13.1

