

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN111124\  
 Data File : VN084768.D  
 Acq On : 11 Nov 2024 13:42  
 Operator : JC\MD  
 Sample : P4774-07DL 10X  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BP-VPB-190-GW-658-660DL

Quant Time: Nov 11 14:00:14 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

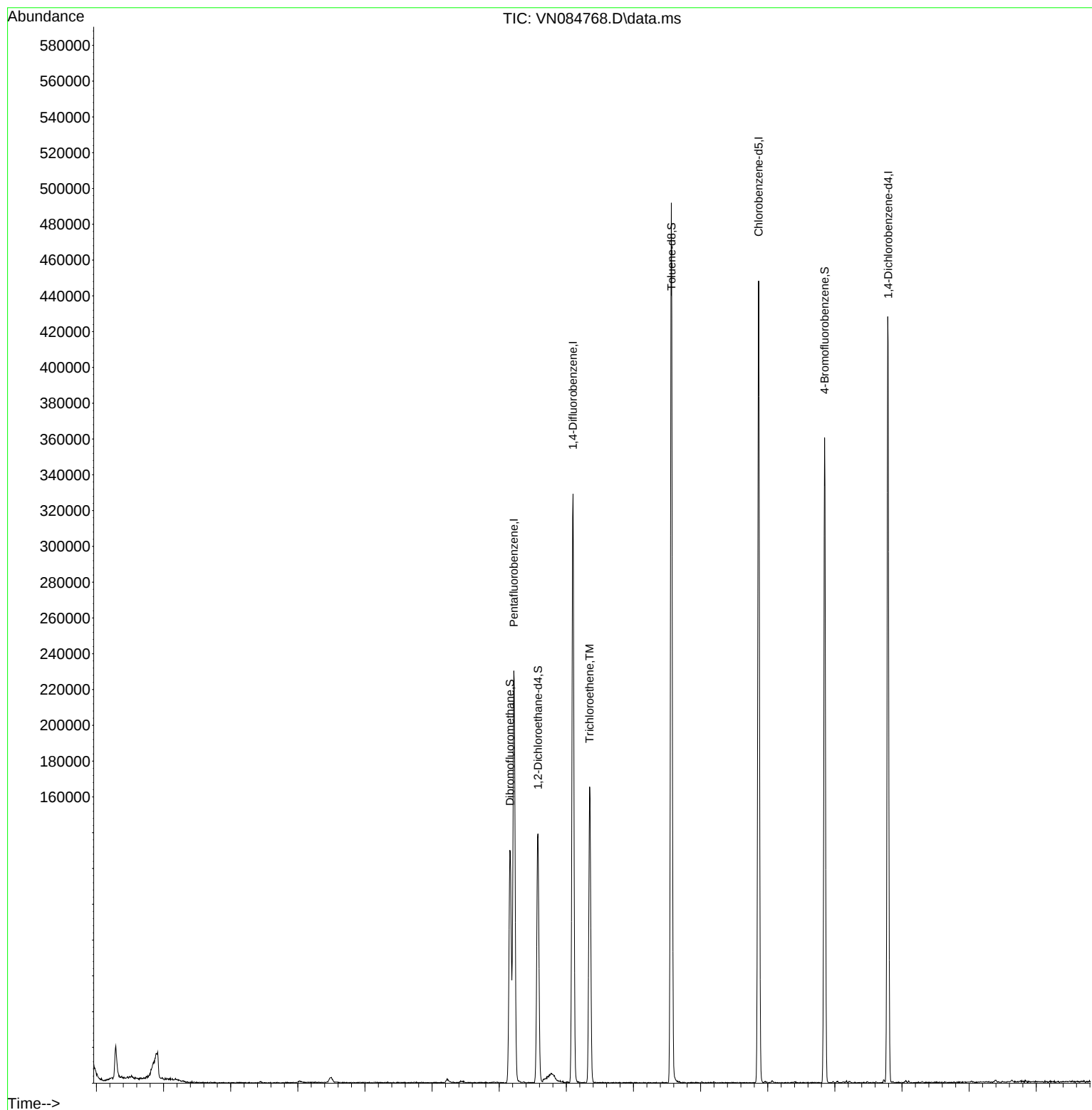
| Compound                    | R.T.           | QIon | Response   | Conc    | Units | Dev(Min)  |
|-----------------------------|----------------|------|------------|---------|-------|-----------|
| -----                       |                |      |            |         |       |           |
| Internal Standards          |                |      |            |         |       |           |
| 1) Pentafluorobenzene       | 8.218          | 168  | 168500     | 50.000  | ug/l  | 0.00      |
| 34) 1,4-Difluorobenzene     | 9.100          | 114  | 290288     | 50.000  | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 11.865         | 117  | 257812     | 50.000  | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.794         | 152  | 117948     | 50.000  | ug/l  | 0.00      |
|                             |                |      |            |         |       |           |
| System Monitoring Compounds |                |      |            |         |       |           |
| 33) 1,2-Dichloroethane-d4   | 8.577          | 65   | 117987     | 48.480  | ug/l  | 0.00      |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = | 96.960% |       |           |
| 35) Dibromofluoromethane    | 8.159          | 113  | 96510      | 49.117  | ug/l  | 0.00      |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = | 98.240% |       |           |
| 50) Toluene-d8              | 10.565         | 98   | 336725     | 46.521  | ug/l  | 0.00      |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = | 93.040% |       |           |
| 62) 4-Bromofluorobenzene    | 12.847         | 95   | 126472     | 46.753  | ug/l  | 0.00      |
| Spiked Amount 50.000        | Range 77 - 121 |      | Recovery = | 93.500% |       |           |
|                             |                |      |            |         |       |           |
| Target Compounds            |                |      |            |         |       |           |
| 44) Trichloroethene         | 9.347          | 130  | 60105      | 29.780  | ug/l  | Qvalue 97 |
| -----                       |                |      |            |         |       |           |

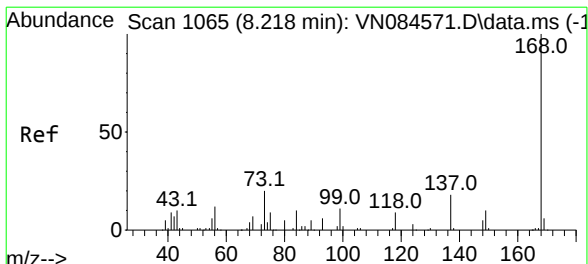
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-VPB-190-GW-658-660DL

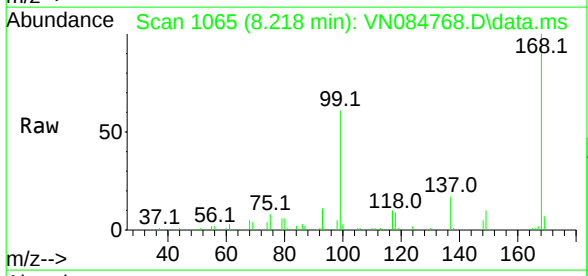
Quant Time: Nov 11 14:00:14 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N103024W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 31 18:45:38 2024  
Response via : Initial Calibration





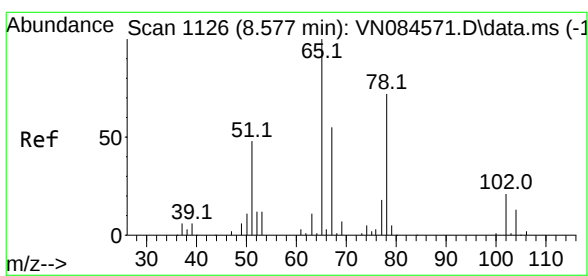
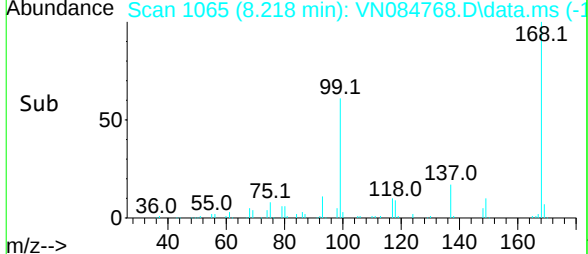
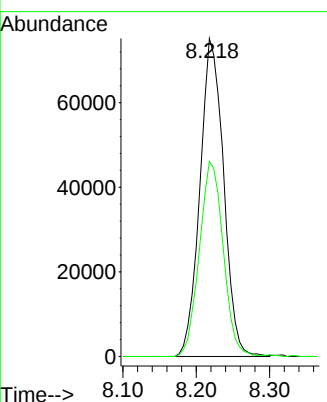
#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.218 min Scan# 1065  
 Delta R.T. -0.006 min  
 Lab File: VN084768.D  
 Acq: 11 Nov 2024 13:42

Instrument : MSVOA\_N  
 ClientSampleId : BP-VPB-190-GW-658-660DL



Tgt Ion: 168 Resp: 168500

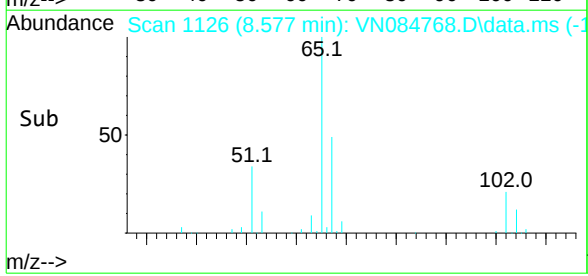
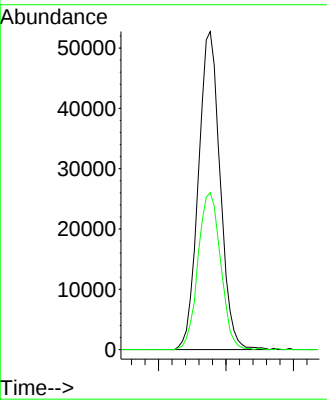
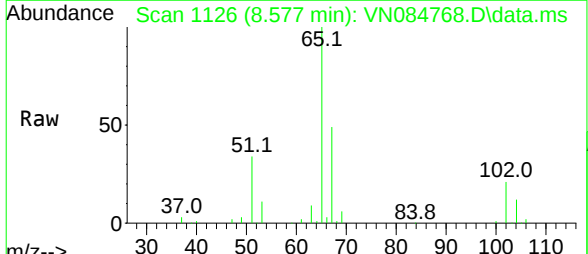
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 168 | 100   |       |       |
| 99  | 61.3  | 54.2  | 81.2  |

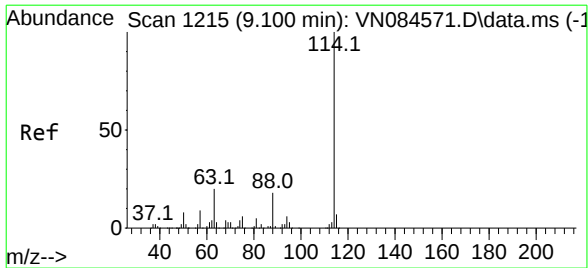


#33  
 1,2-Dichloroethane-d4  
 Concen: 48.480 ug/l  
 RT: 8.577 min Scan# 1126  
 Delta R.T. -0.000 min  
 Lab File: VN084768.D  
 Acq: 11 Nov 2024 13:42

Tgt Ion: 65 Resp: 117987

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

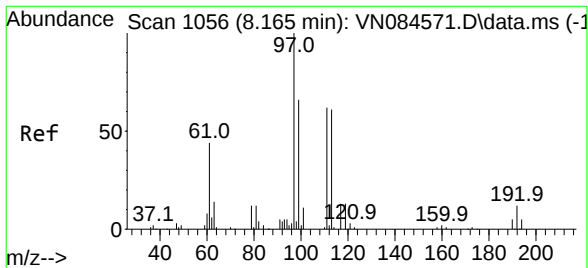
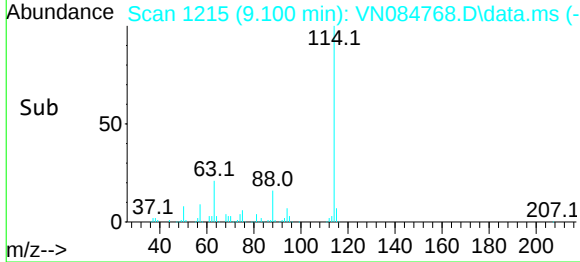
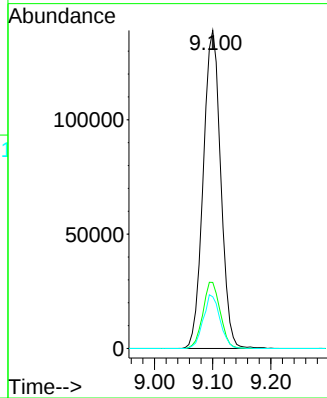
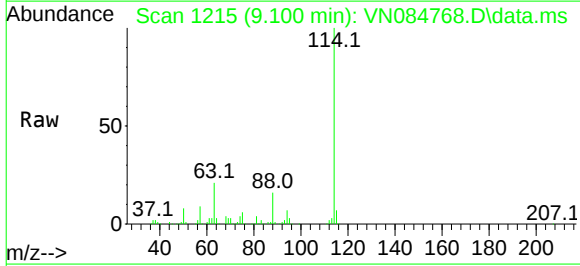




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.100 min Scan# 1215  
Delta R.T. 0.000 min  
Lab File: VN084768.D  
Acq: 11 Nov 2024 13:42

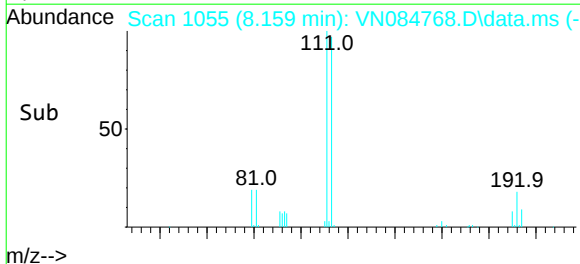
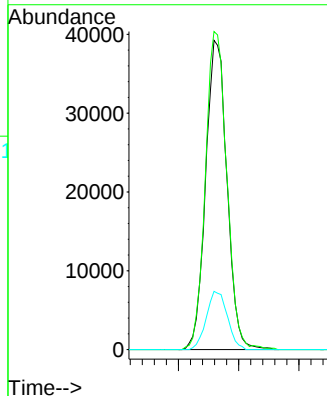
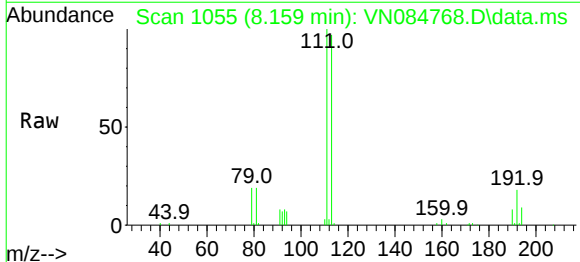
Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-VPB-190-GW-658-660DL

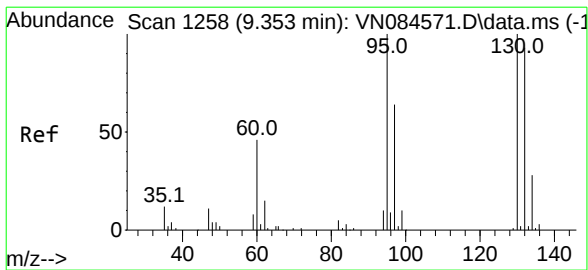
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 114   | Resp: | 290288 |
| Ion      | Ratio | Lower | Upper  |
| 114      | 100   |       |        |
| 63       | 20.8  | 0.0   | 43.8   |
| 88       | 16.3  | 0.0   | 31.6   |



#35  
Dibromofluoromethane  
Concen: 49.117 ug/l  
RT: 8.159 min Scan# 1055  
Delta R.T. -0.006 min  
Lab File: VN084768.D  
Acq: 11 Nov 2024 13:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 96510 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 103.1 | 83.3  | 124.9 |
| 192      | 18.5  | 13.5  | 20.3  |





#44

Trichloroethene

Concen: 29.780 ug/l

RT: 9.347 min Scan# 12

Delta R.T. 0.000 min

Lab File: VN084768.D

Acq: 11 Nov 2024 13:42

Instrument :

MSVOA\_N

ClientSampleId :

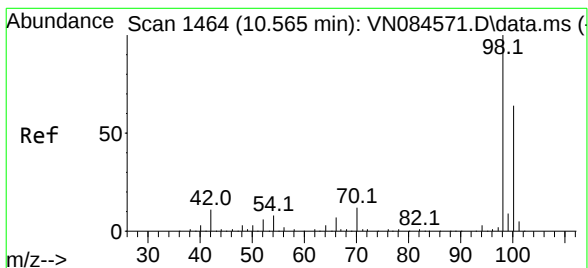
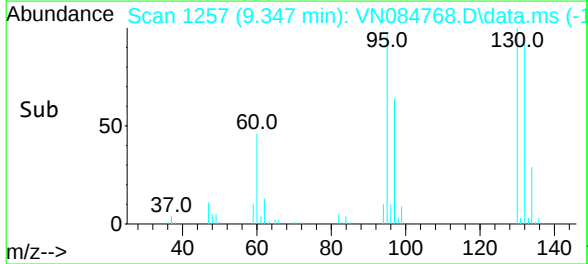
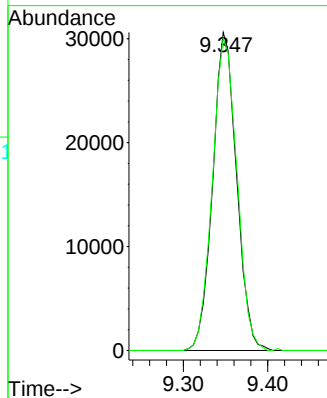
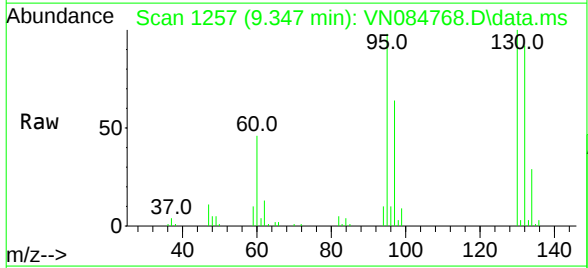
BP-VPB-190-GW-658-660DL

Tgt Ion:130 Resp: 60105

Ion Ratio Lower Upper

130 100

95 98.1 0.0 203.0



#50

Toluene-d8

Concen: 46.521 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084768.D

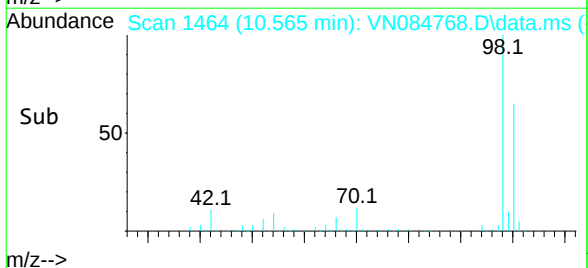
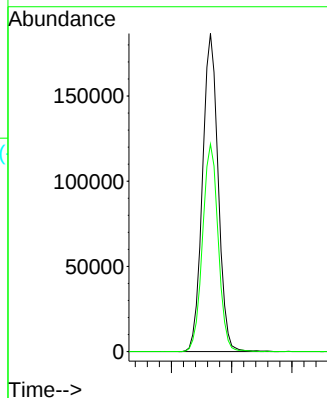
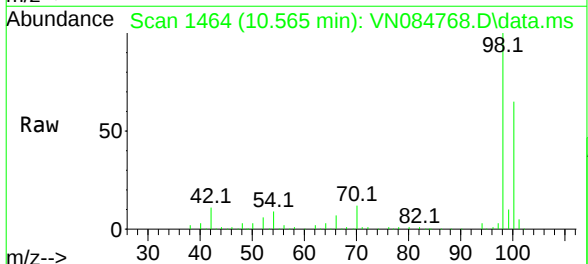
Acq: 11 Nov 2024 13:42

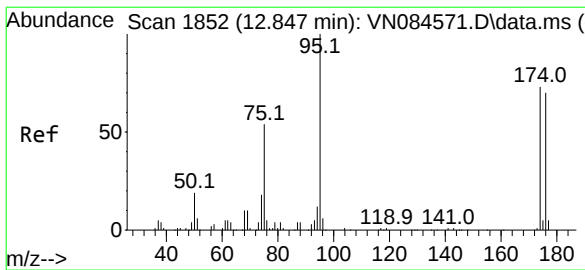
Tgt Ion: 98 Resp: 336725

Ion Ratio Lower Upper

98 100

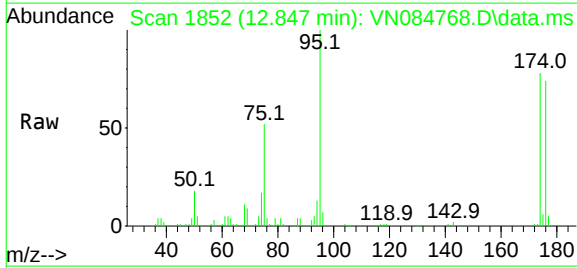
100 65.1 52.7 79.1



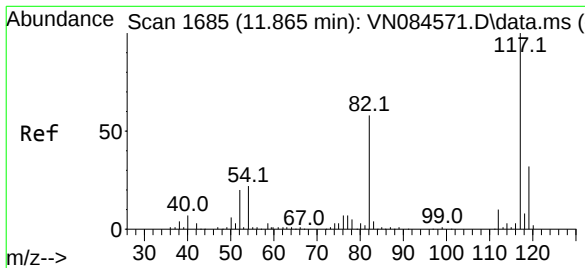
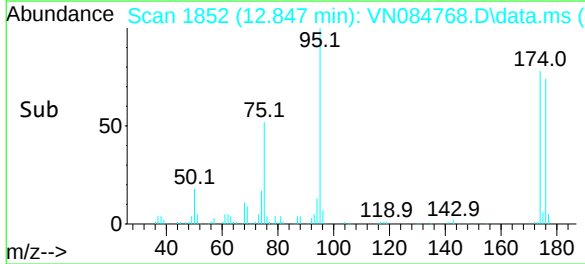
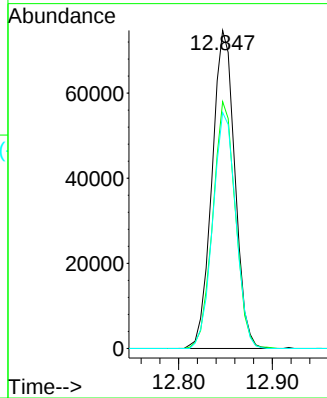


#62  
4-Bromofluorobenzene  
Concen: 46.753 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. 0.000 min  
Lab File: VN084768.D  
Acq: 11 Nov 2024 13:42

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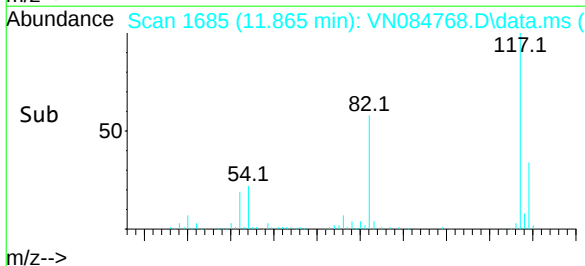
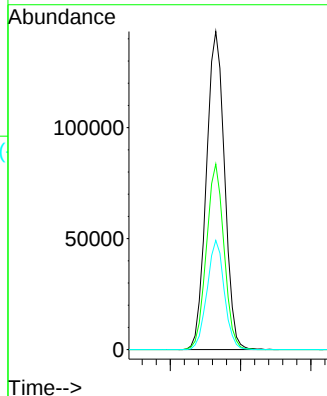
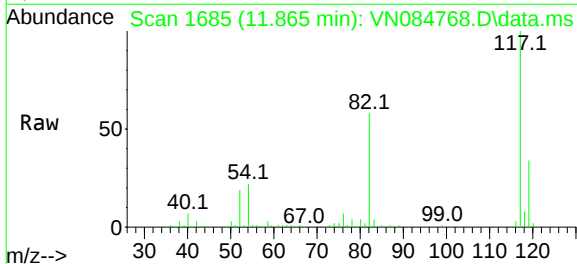


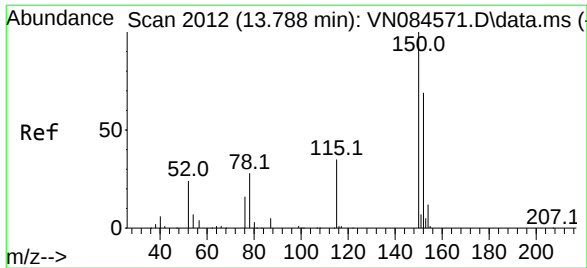
Tgt Ion: 95 Resp: 126472  
Ion Ratio Lower Upper  
95 100  
174 76.7 0.0 145.2  
176 74.7 0.0 140.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: VN084768.D  
Acq: 11 Nov 2024 13:42

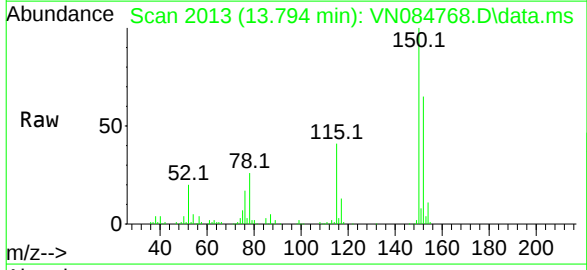
Tgt Ion: 117 Resp: 257812  
Ion Ratio Lower Upper  
117 100  
82 58.3 47.2 70.8  
119 34.3 25.4 38.0





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.794 min Scan# 20  
 Delta R.T. 0.006 min  
 Lab File: VN084768.D  
 Acq: 11 Nov 2024 13:42

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BP-VPB-190-GW-658-660DL



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 152   | Resp: | 117948 |
| Ion      | Ratio | Lower | Upper  |
| 152      | 100   |       |        |
| 115      | 62.3  | 31.3  | 93.9   |
| 150      | 155.3 | 0.0   | 349.8  |

