

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN111124\  
 Data File : VN084767.D  
 Acq On : 11 Nov 2024 13:18  
 Operator : JC\MD  
 Sample : P4774-06DL 5X  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BP-VPB-190-GW-638-640DL

Quant Time: Nov 11 13:36:17 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

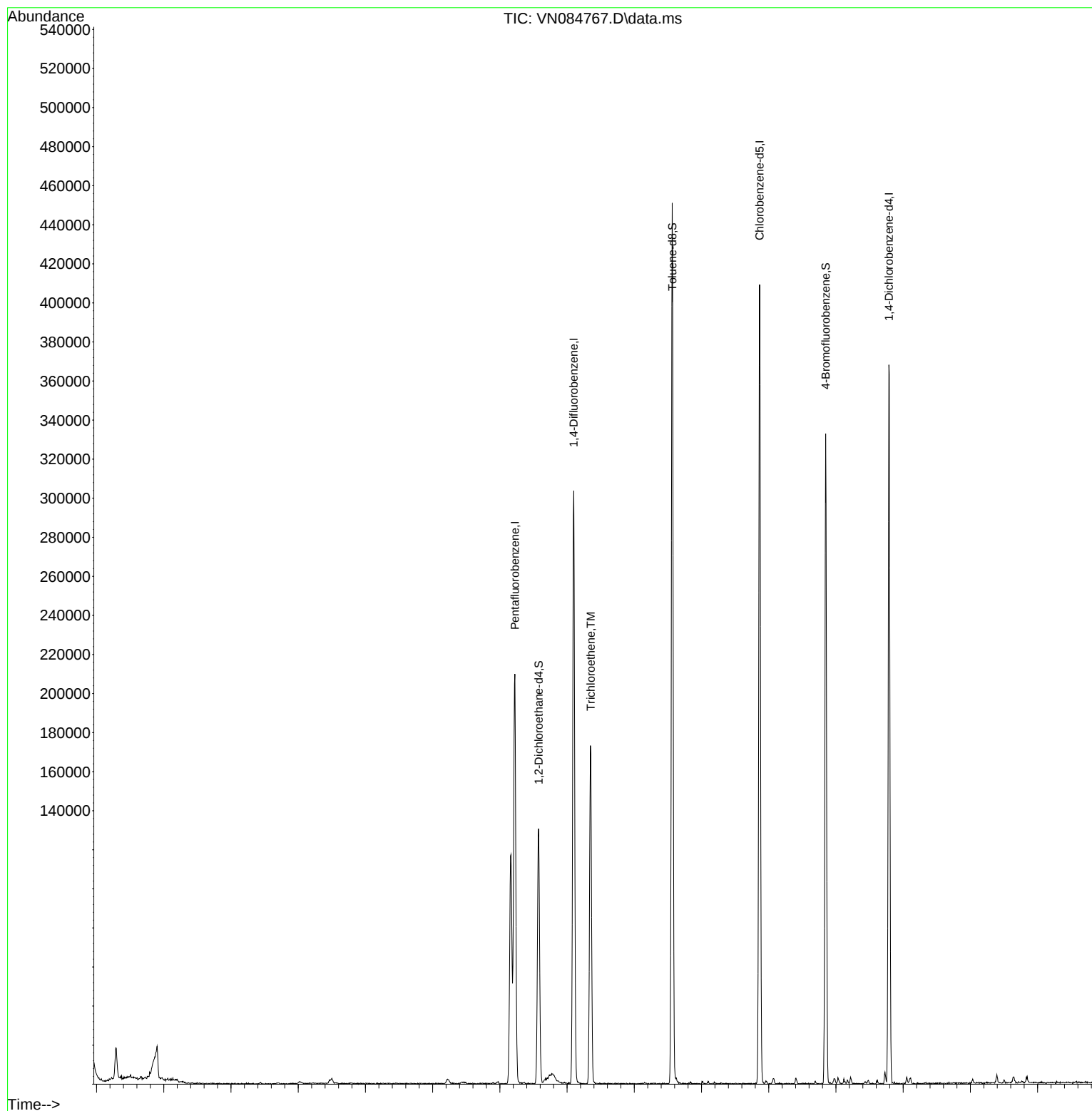
| Compound                    | R.T.           | QIon | Response   | Conc    | Units | Dev(Min)  |
|-----------------------------|----------------|------|------------|---------|-------|-----------|
| -----                       |                |      |            |         |       |           |
| Internal Standards          |                |      |            |         |       |           |
| 1) Pentafluorobenzene       | 8.224          | 168  | 154512     | 50.000  | ug/l  | 0.00      |
| 34) 1,4-Difluorobenzene     | 9.100          | 114  | 263580     | 50.000  | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 11.865         | 117  | 234257     | 50.000  | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.788         | 152  | 103754     | 50.000  | ug/l  | 0.00      |
|                             |                |      |            |         |       |           |
| System Monitoring Compounds |                |      |            |         |       |           |
| 33) 1,2-Dichloroethane-d4   | 8.577          | 65   | 107441     | 48.144  | ug/l  | 0.00      |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = | 96.280% |       |           |
| 35) Dibromofluoromethane    | 8.165          | 113  | 88434      | 49.567  | ug/l  | 0.00      |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = | 99.140% |       |           |
| 50) Toluene-d8              | 10.565         | 98   | 310695     | 47.275  | ug/l  | 0.00      |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = | 94.540% |       |           |
| 62) 4-Bromofluorobenzene    | 12.847         | 95   | 115169     | 46.889  | ug/l  | 0.00      |
| Spiked Amount 50.000        | Range 77 - 121 |      | Recovery = | 93.780% |       |           |
|                             |                |      |            |         |       |           |
| Target Compounds            |                |      |            |         |       |           |
| 44) Trichloroethene         | 9.353          | 130  | 63076      | 34.419  | ug/l  | Qvalue 92 |
| -----                       |                |      |            |         |       |           |

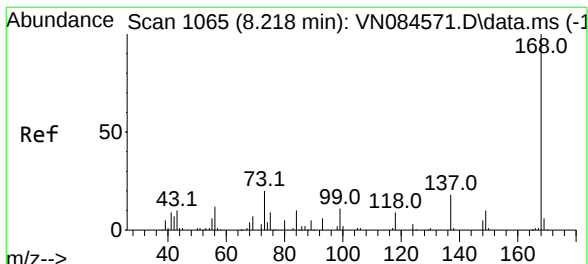
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-VPB-190-GW-638-640DL

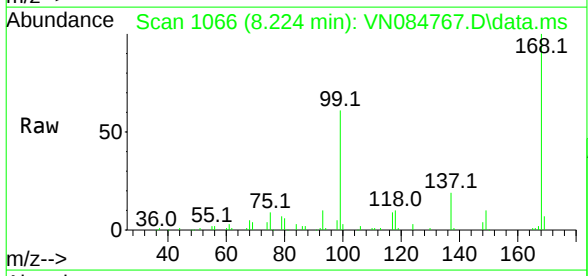
Quant Time: Nov 11 13:36:17 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N103024W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 31 18:45:38 2024  
Response via : Initial Calibration





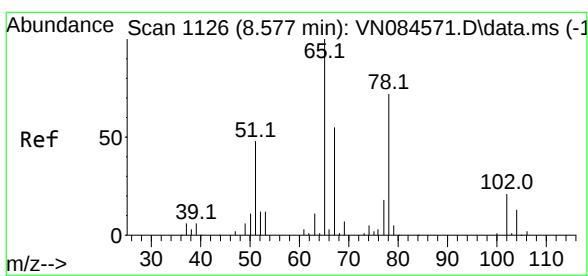
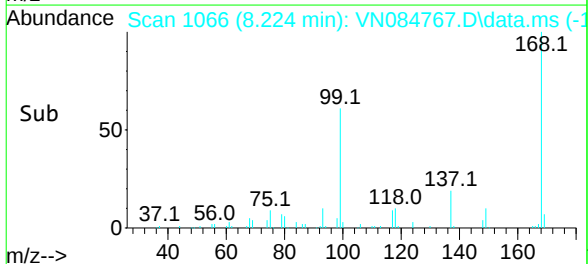
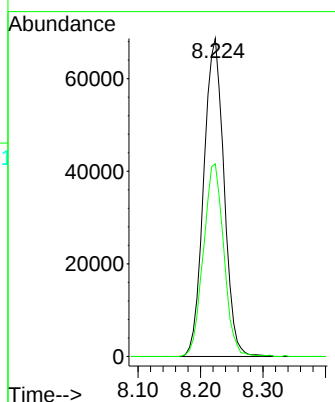
#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.224 min Scan# 1066  
 Delta R.T. -0.000 min  
 Lab File: VN084767.D  
 Acq: 11 Nov 2024 13:18

Instrument : MSVOA\_N  
 ClientSampleId : BP-VPB-190-GW-638-640DL



Tgt Ion: 168 Resp: 154512

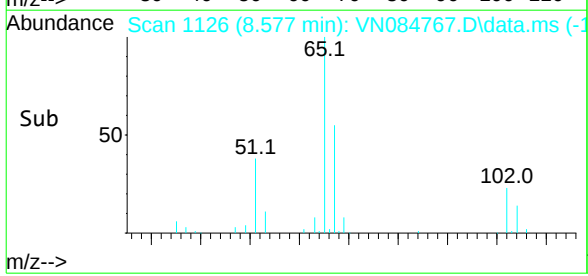
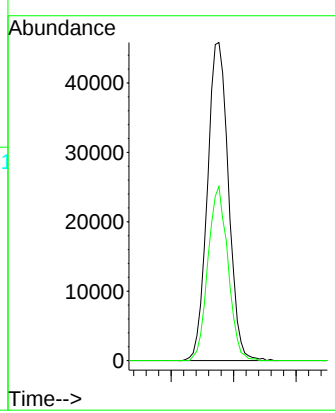
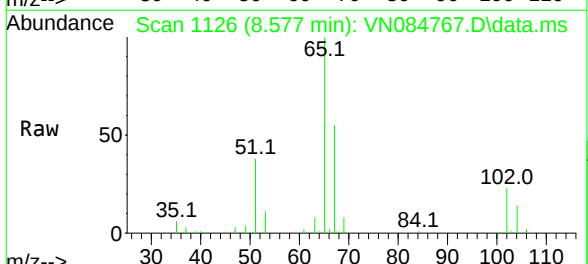
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 168 | 100   |       |       |
| 99  | 60.6  | 54.2  | 81.2  |

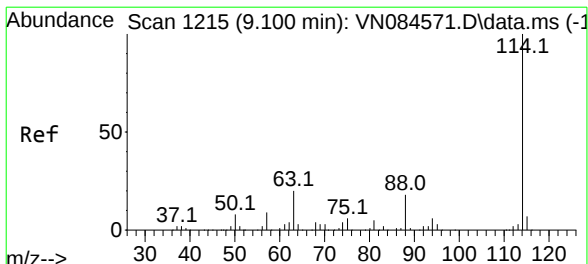


#33  
 1,2-Dichloroethane-d4  
 Concen: 48.144 ug/l  
 RT: 8.577 min Scan# 1126  
 Delta R.T. -0.000 min  
 Lab File: VN084767.D  
 Acq: 11 Nov 2024 13:18

Tgt Ion: 65 Resp: 107441

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 51.8  | 0.0   | 102.0 |

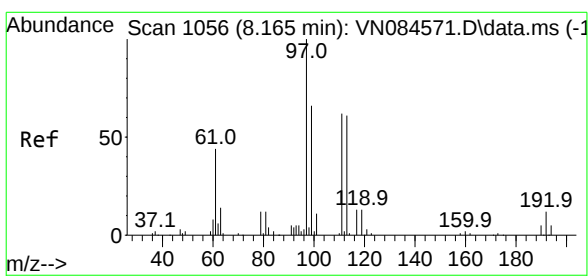
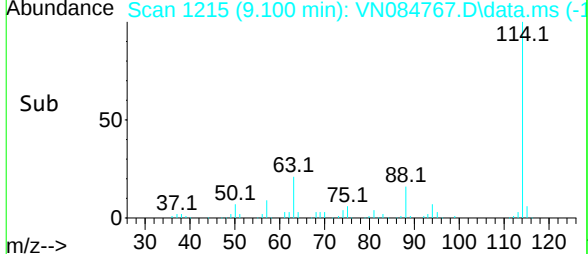
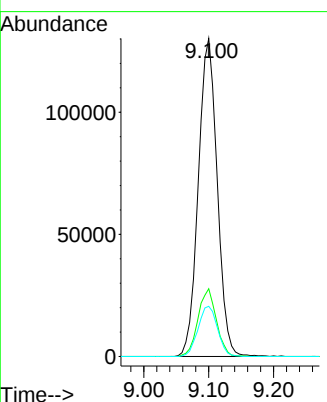
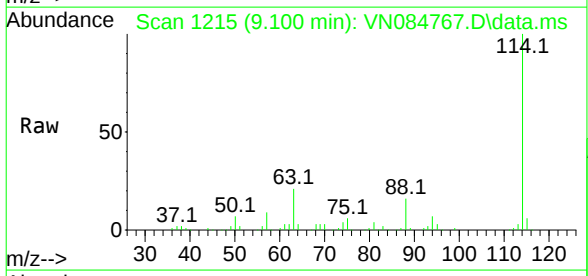




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 9.100 min Scan# 12  
 Delta R.T. 0.000 min  
 Lab File: VN084767.D  
 Acq: 11 Nov 2024 13:18

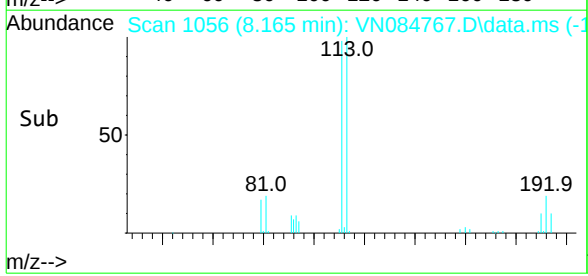
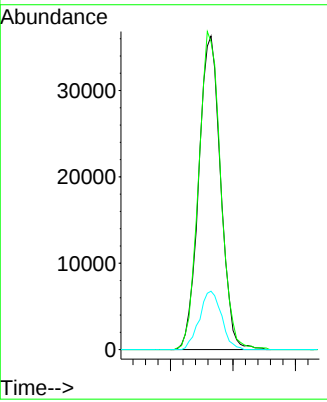
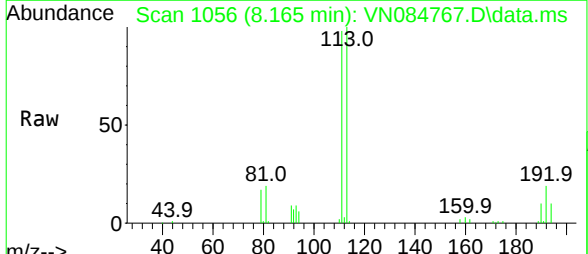
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BP-VPB-190-GW-638-640DL

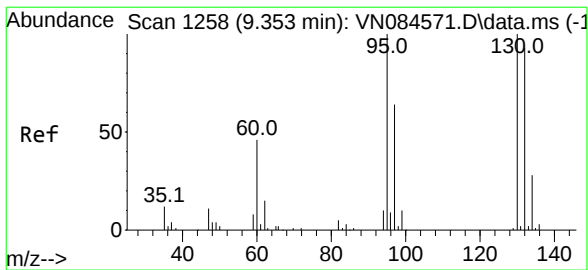
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 114   | Resp: | 263580 |
| Ion Ratio | Lower | Upper |        |
| 114       | 100   |       |        |
| 63        | 21.3  | 0.0   | 43.8   |
| 88        | 15.8  | 0.0   | 31.6   |



#35  
 Dibromofluoromethane  
 Concen: 49.567 ug/l  
 RT: 8.165 min Scan# 1056  
 Delta R.T. -0.000 min  
 Lab File: VN084767.D  
 Acq: 11 Nov 2024 13:18

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 113   | Resp: | 88434 |
| Ion Ratio | Lower | Upper |       |
| 113       | 100   |       |       |
| 111       | 101.8 | 83.3  | 124.9 |
| 192       | 18.8  | 13.5  | 20.3  |





#44

Trichloroethene

Concen: 34.419 ug/l

RT: 9.353 min Scan# 12

Delta R.T. 0.006 min

Lab File: VN084767.D

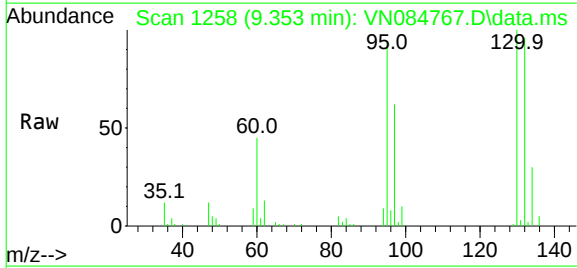
Acq: 11 Nov 2024 13:18

Instrument :

MSVOA\_N

ClientSampleId :

BP-VPB-190-GW-638-640DL

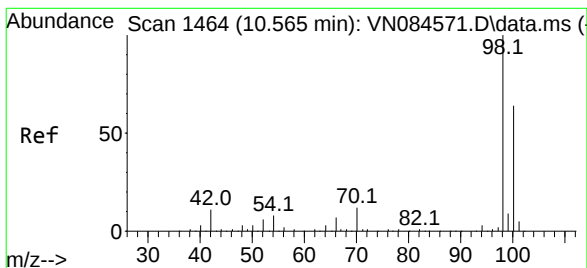
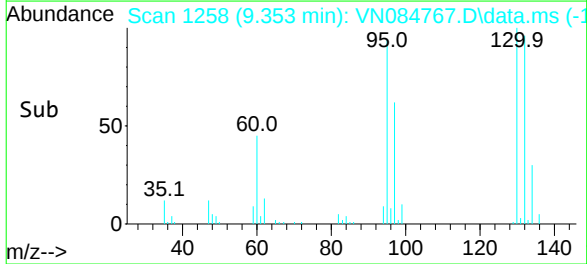
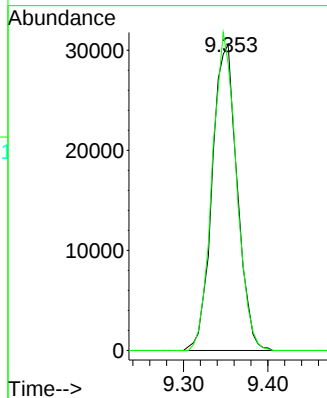


Tgt Ion:130 Resp: 63076

Ion Ratio Lower Upper

130 100

95 93.6 0.0 203.0



#50

Toluene-d8

Concen: 47.275 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084767.D

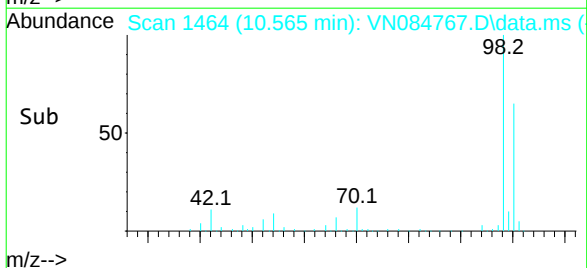
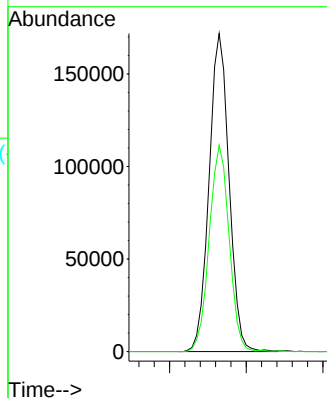
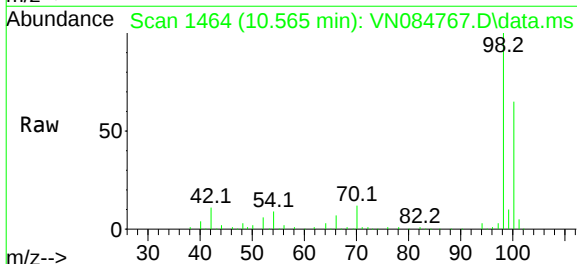
Acq: 11 Nov 2024 13:18

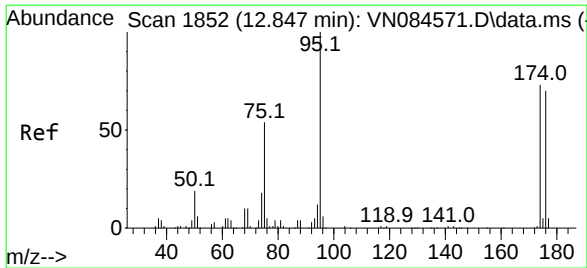
Tgt Ion: 98 Resp: 310695

Ion Ratio Lower Upper

98 100

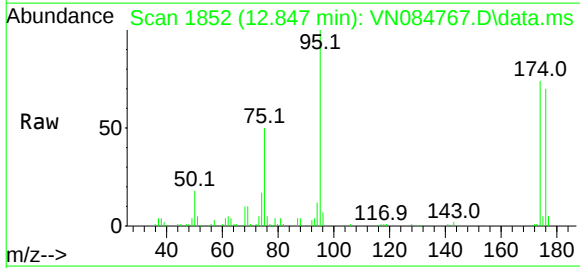
100 64.8 52.7 79.1



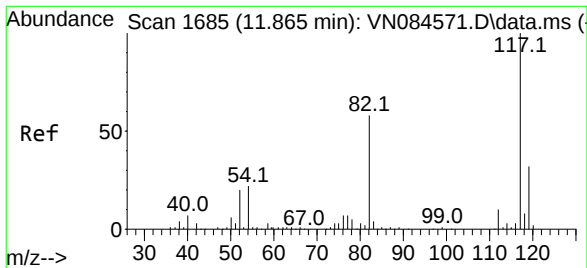
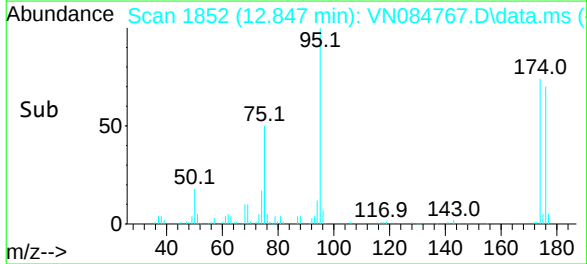
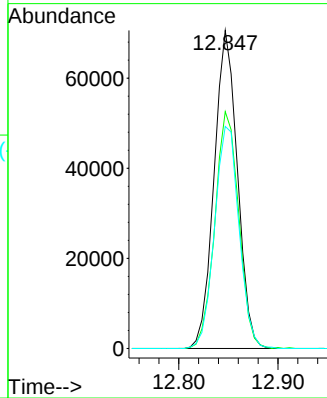


#62  
4-Bromofluorobenzene  
Concen: 46.889 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN084767.D  
Acq: 11 Nov 2024 13:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-VPB-190-GW-638-640DL

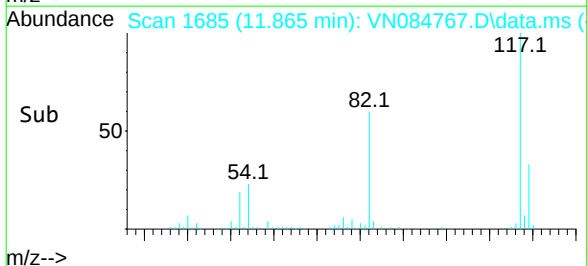
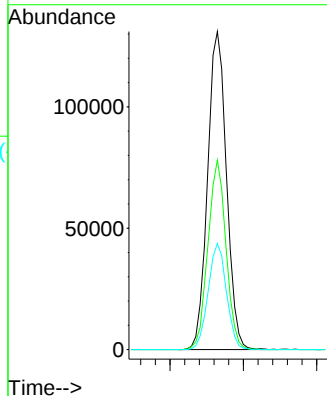
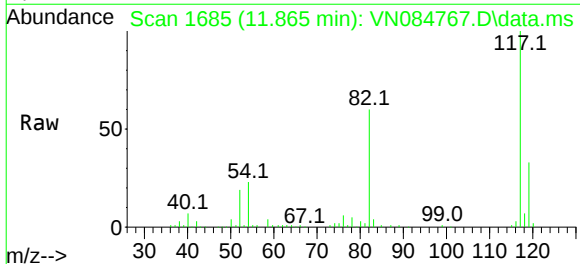


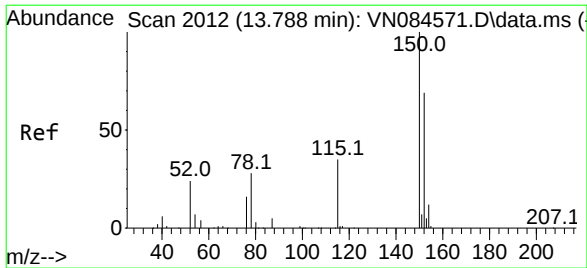
Tgt Ion: 95 Resp: 115169  
Ion Ratio Lower Upper  
95 100  
174 76.5 0.0 145.2  
176 73.4 0.0 140.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: VN084767.D  
Acq: 11 Nov 2024 13:18

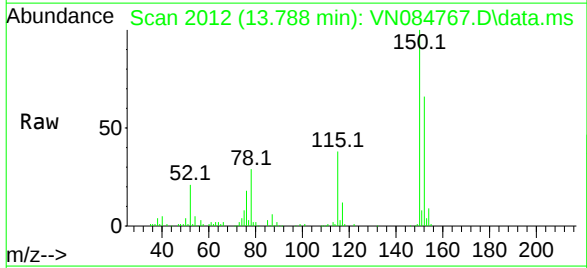
Tgt Ion: 117 Resp: 234257  
Ion Ratio Lower Upper  
117 100  
82 59.6 47.2 70.8  
119 33.4 25.4 38.0





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.788 min Scan# 20  
 Delta R.T. -0.000 min  
 Lab File: VN084767.D  
 Acq: 11 Nov 2024 13:18

Instrument : MSVOA\_N  
 ClientSampleId : BP-VPB-190-GW-638-640DL



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 103754 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 62.0  | 31.3  | 93.9   |
| 150       | 157.7 | 0.0   | 349.8  |

