

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN123024\  
 Data File : VN085349.D  
 Acq On : 30 Dec 2024 16:50  
 Operator : JC\MD  
 Sample : P5394-01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Dec 31 02:16:15 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N122724W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Dec 28 01:36:16 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon           | Response | Conc       | Units | Dev(Min) |
|-----------------------------|--------|----------------|----------|------------|-------|----------|
| -----                       |        |                |          |            |       |          |
| Internal Standards          |        |                |          |            |       |          |
| 1) Pentafluorobenzene       | 8.224  | 168            | 135951   | 50.000     | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.100  | 114            | 251018   | 50.000     | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.865 | 117            | 216231   | 50.000     | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.788 | 152            | 82485    | 50.000     | ug/l  | 0.00     |
| System Monitoring Compounds |        |                |          |            |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.577  | 65             | 114665   | 59.135     | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range 74 - 125 | Recovery | = 118.260% |       |          |
| 35) Dibromofluoromethane    | 8.165  | 113            | 90643    | 57.882     | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range 75 - 124 | Recovery | = 115.760% |       |          |
| 50) Toluene-d8              | 10.565 | 98             | 304517   | 52.992     | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range 86 - 113 | Recovery | = 105.980% |       |          |
| 62) 4-Bromofluorobenzene    | 12.847 | 95             | 89003    | 46.636     | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range 77 - 121 | Recovery | = 93.280%  |       |          |

Target Compounds Qvalue

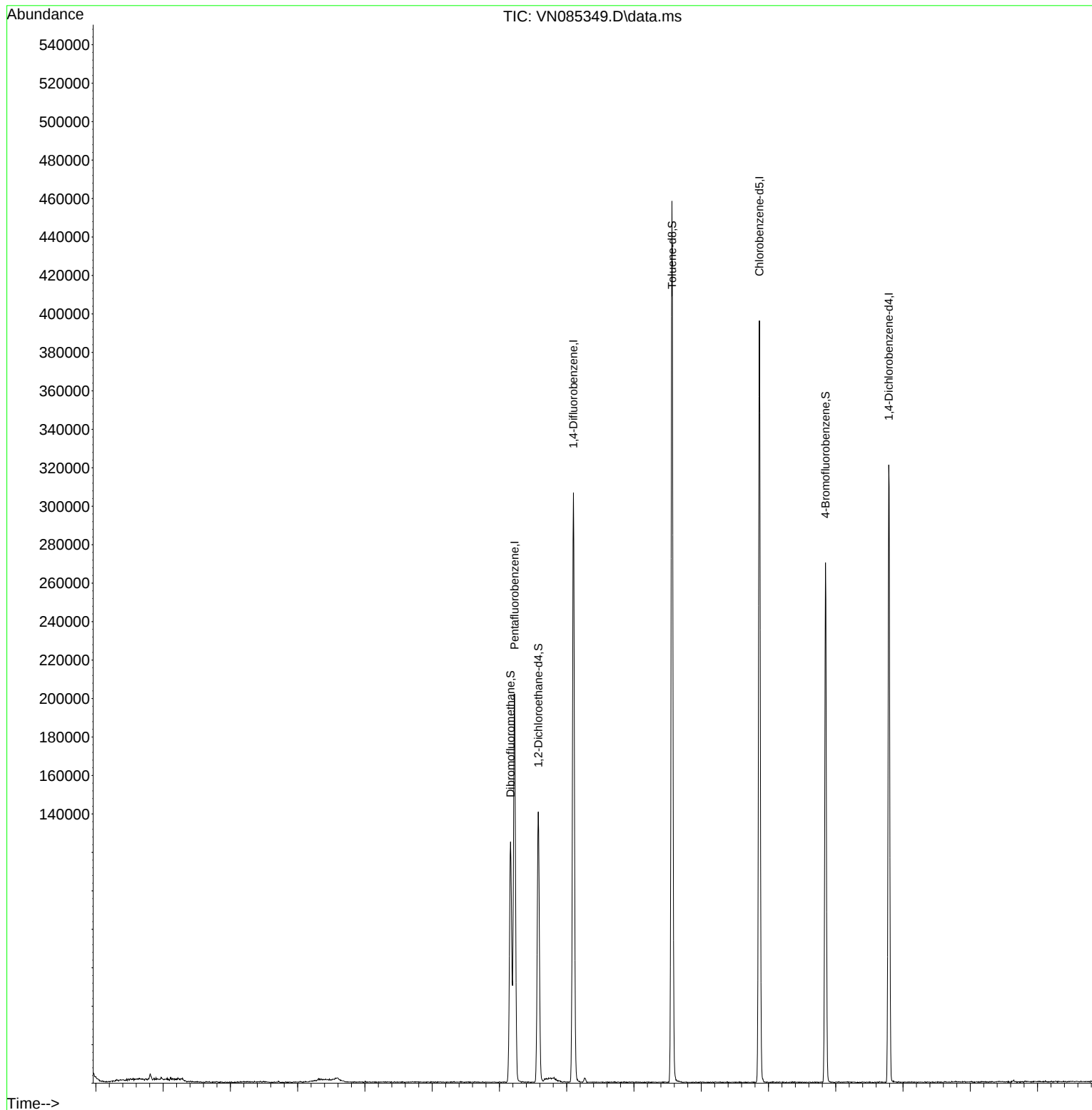
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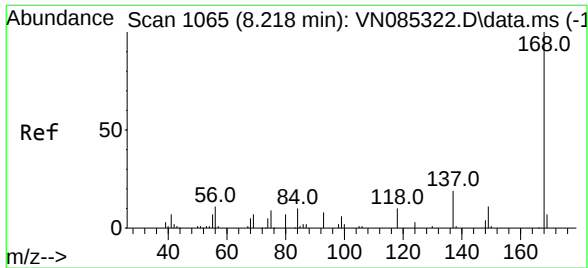
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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STORAGE-BLANK-SOIL-REF-6

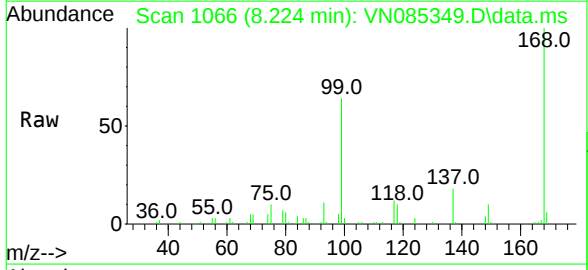
Quant Time: Dec 31 02:16:15 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N122724W.M  
Quant Title : SW846 8260  
QLast Update : Sat Dec 28 01:36:16 2024  
Response via : Initial Calibration



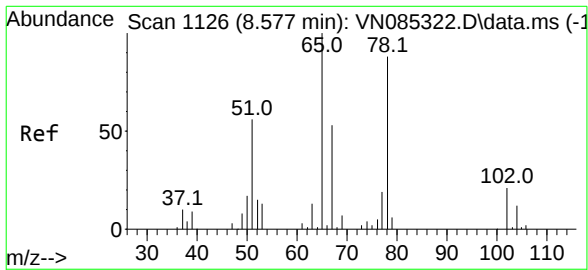
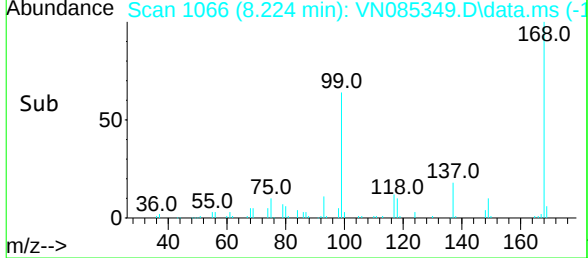
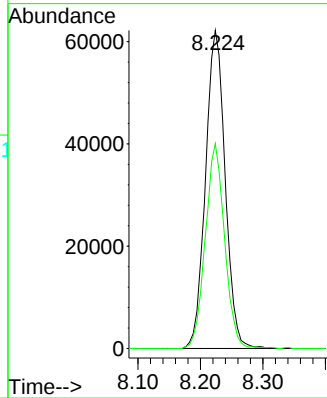


#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.224 min Scan# 1066  
 Delta R.T. 0.006 min  
 Lab File: VN085349.D  
 Acq: 30 Dec 2024 16:50

Instrument : MSVOA\_N  
 ClientSampleId : STORAGE-BLANK-SOIL-REF-6

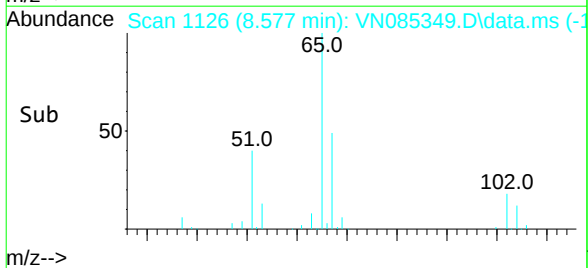
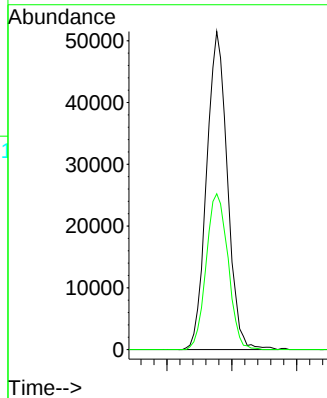
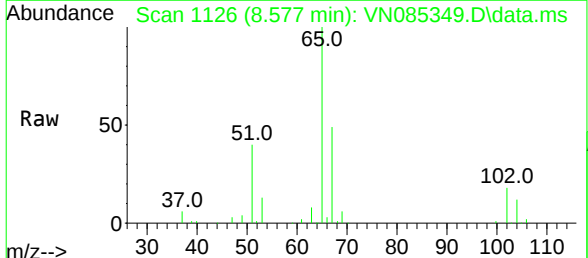


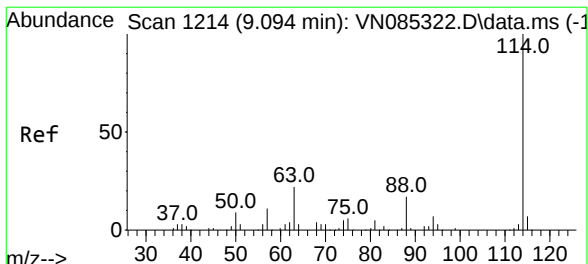
Tgt Ion: 168 Resp: 135951  
 Ion Ratio Lower Upper  
 168 100  
 99 64.4 51.0 76.4



#33  
 1,2-Dichloroethane-d4  
 Concen: 59.135 ug/l  
 RT: 8.577 min Scan# 1126  
 Delta R.T. 0.000 min  
 Lab File: VN085349.D  
 Acq: 30 Dec 2024 16:50

Tgt Ion: 65 Resp: 114665  
 Ion Ratio Lower Upper  
 65 100  
 67 51.4 0.0 104.0

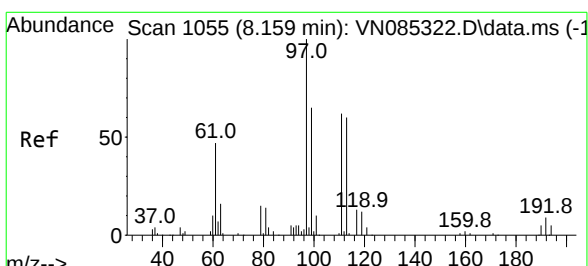
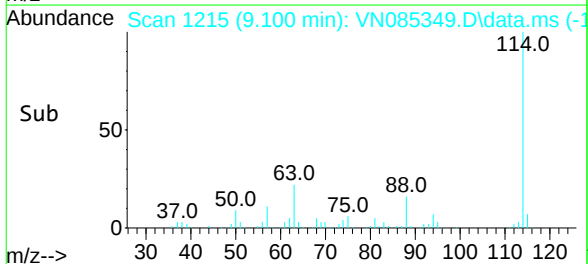
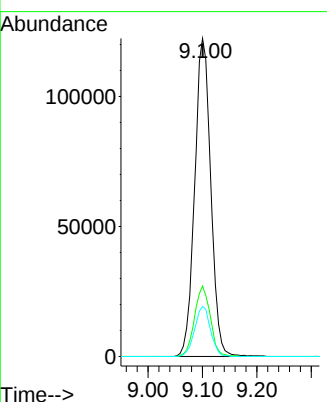
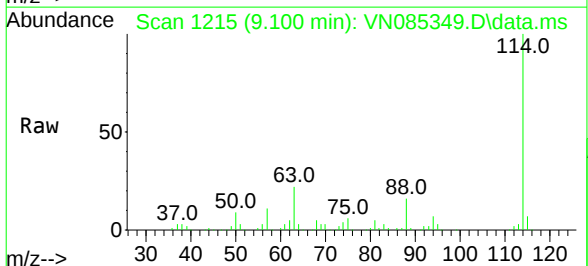




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 9.100 min Scan# 1215  
 Delta R.T. 0.006 min  
 Lab File: VN085349.D  
 Acq: 30 Dec 2024 16:50

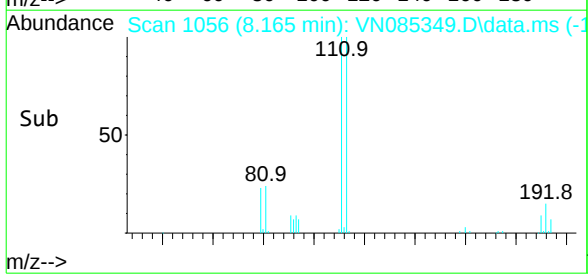
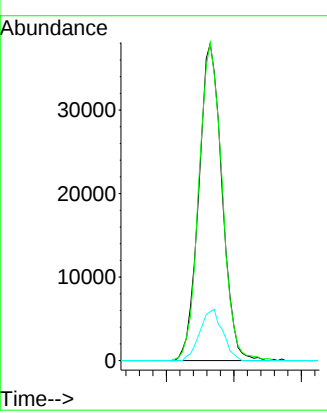
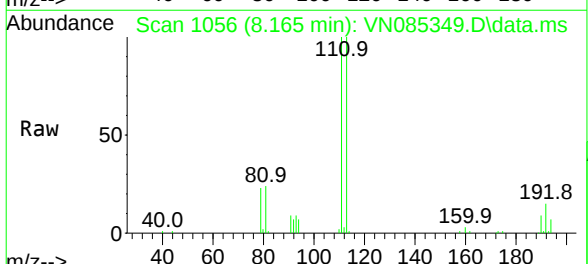
Instrument : MSVOA\_N  
 ClientSampleId : STORAGE-BLANK-SOIL-REF-6

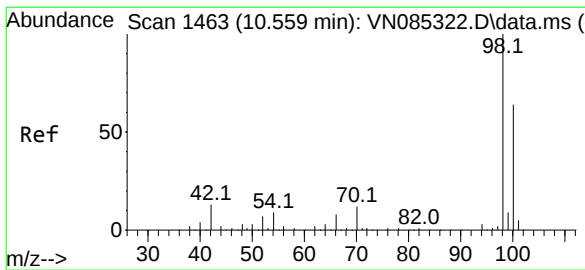
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 114   | Resp: | 251018 |
| Ion      | Ratio | Lower | Upper  |
| 114      | 100   |       |        |
| 63       | 22.2  | 0.0   | 43.4   |
| 88       | 15.8  | 0.0   | 33.6   |



#35  
 Dibromofluoromethane  
 Concen: 57.882 ug/l  
 RT: 8.165 min Scan# 1056  
 Delta R.T. 0.006 min  
 Lab File: VN085349.D  
 Acq: 30 Dec 2024 16:50

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 90643 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 100.1 | 80.5  | 120.7 |
| 192      | 15.9  | 12.9  | 19.3  |





#50

Toluene-d8

Concen: 52.992 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085349.D

Acq: 30 Dec 2024 16:50

Instrument :

MSVOA\_N

ClientSampleId :

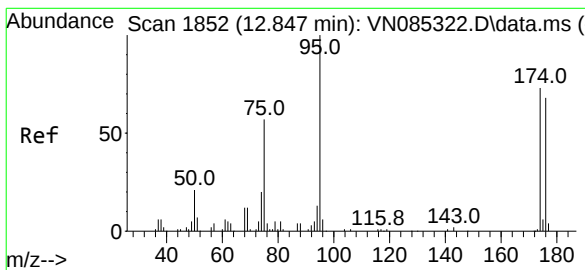
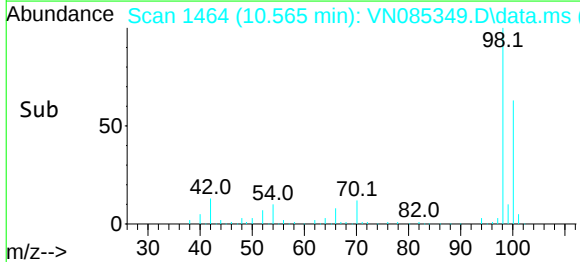
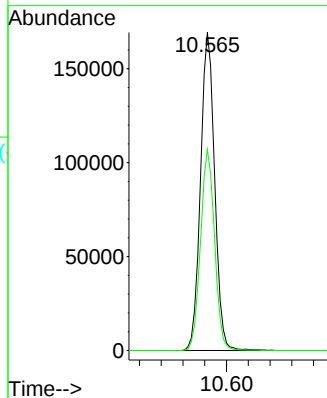
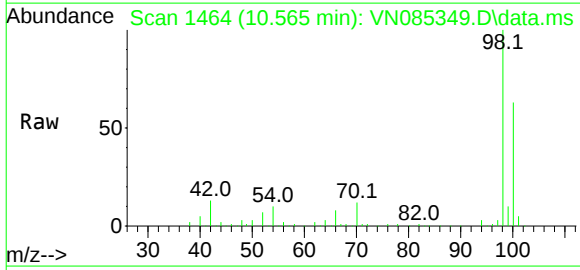
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 98 Resp: 304517

Ion Ratio Lower Upper

98 100

100 62.9 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 46.636 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN085349.D

Acq: 30 Dec 2024 16:50

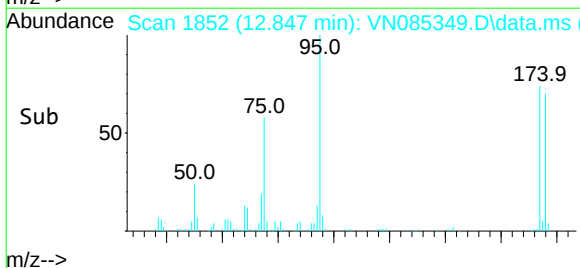
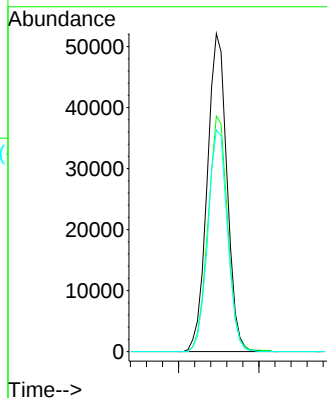
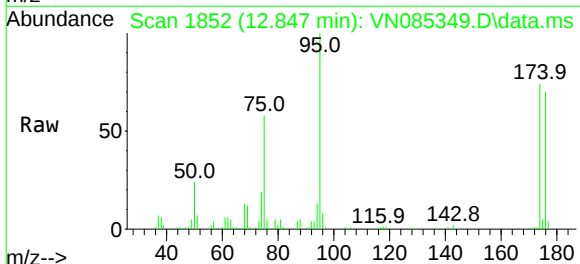
Tgt Ion: 95 Resp: 89003

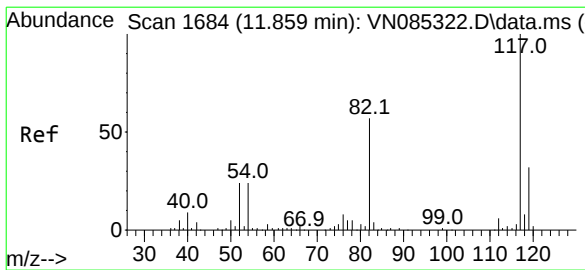
Ion Ratio Lower Upper

95 100

174 73.6 0.0 143.2

176 69.3 0.0 135.8

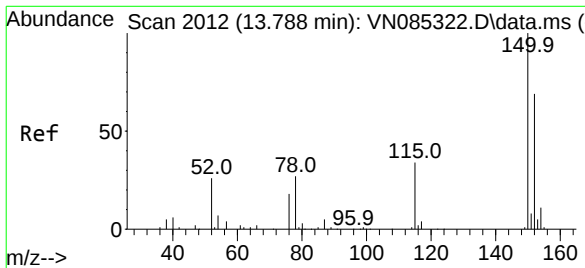
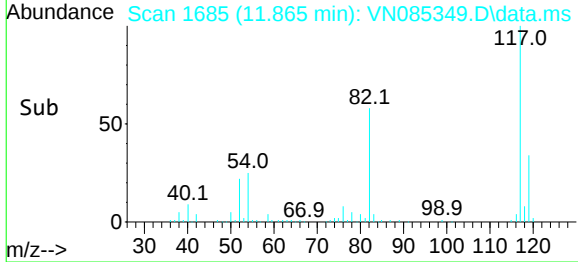
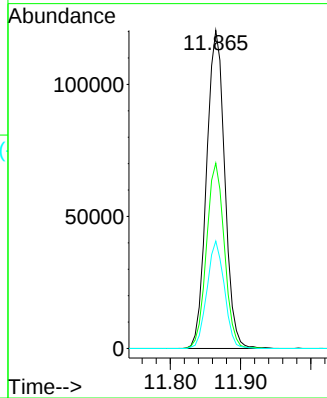
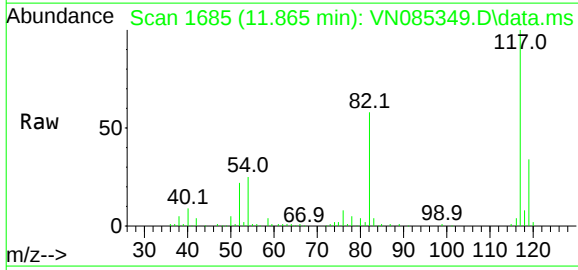




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1684  
Delta R.T. 0.006 min  
Lab File: VN085349.D  
Acq: 30 Dec 2024 16:50

Instrument :  
MSVOA\_N  
ClientSampleId :  
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Tgt Ion:117 Resp: 216231  
Ion Ratio Lower Upper  
117 100  
82 58.3 45.7 68.5  
119 33.8 25.8 38.8



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.788 min Scan# 2012  
Delta R.T. 0.000 min  
Lab File: VN085349.D  
Acq: 30 Dec 2024 16:50

Tgt Ion:152 Resp: 82485  
Ion Ratio Lower Upper  
152 100  
115 62.2 30.4 91.3  
150 156.0 0.0 345.0

