

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN022525\  
 Data File : VN085859.D  
 Acq On : 25 Feb 2025 16:15  
 Operator : JC\MD  
 Sample : IBLK  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 IBLK

Quant Time: Feb 25 23:41:37 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021825W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 19 03:43:32 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.224  | 168  | 327904   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.100  | 114  | 601038   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 562501   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 248534   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.577  | 65    | 224263   | 52.753   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 105.500% |
| 35) Dibromofluoromethane    | 8.165  | 113   | 193234   | 49.133   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 98.260%  |
| 50) Toluene-d8              | 10.565 | 98    | 753215   | 52.639   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 105.280% |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 275571   | 58.451   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =    | 116.900% |

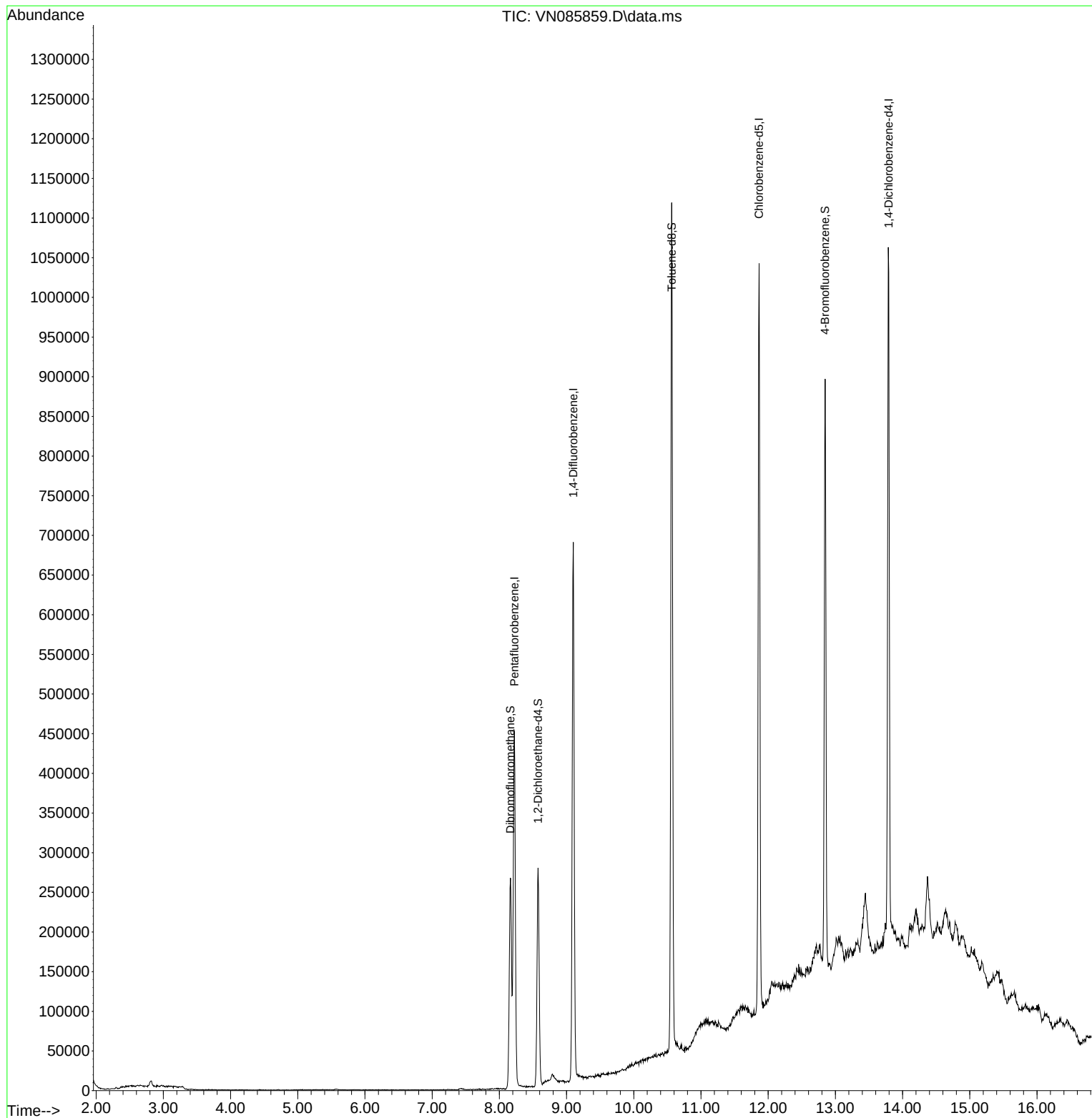
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

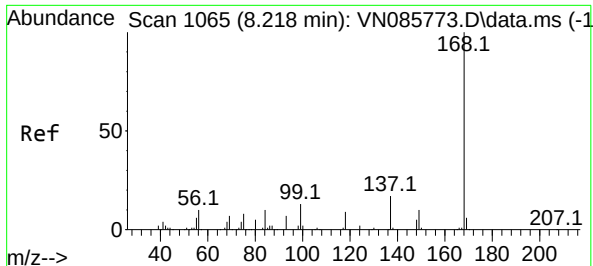
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Wed Feb 19 03:43:32 2025  
Response via : Initial Calibration

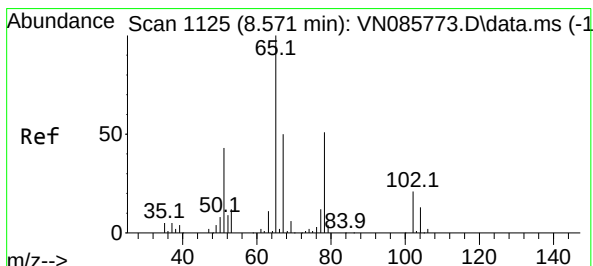
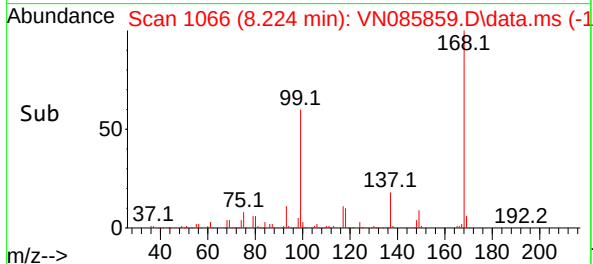
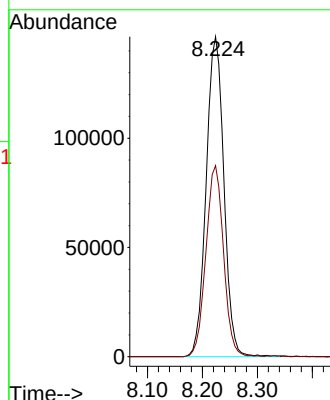
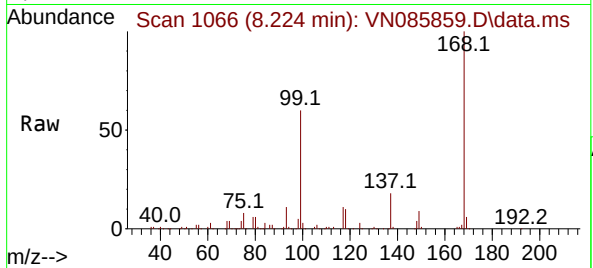




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. 0.006 min  
Lab File: VN085859.D  
Acq: 25 Feb 2025 16:15

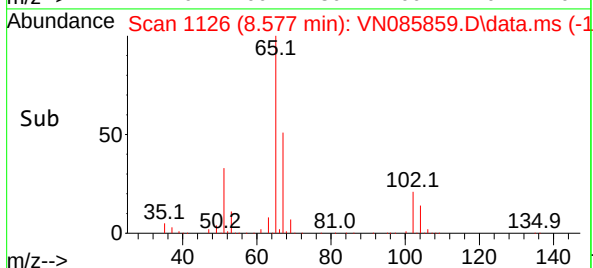
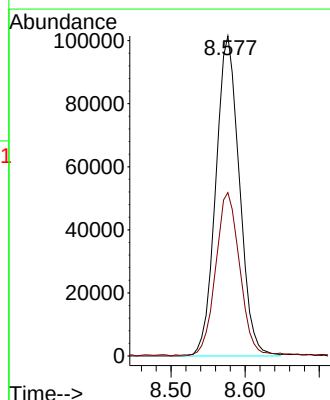
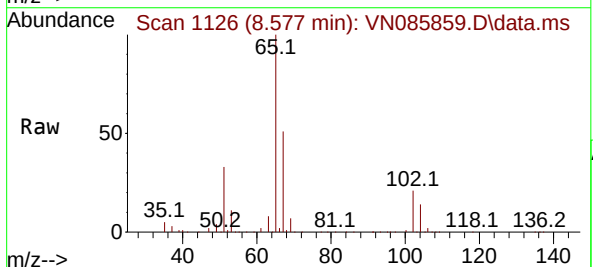
Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

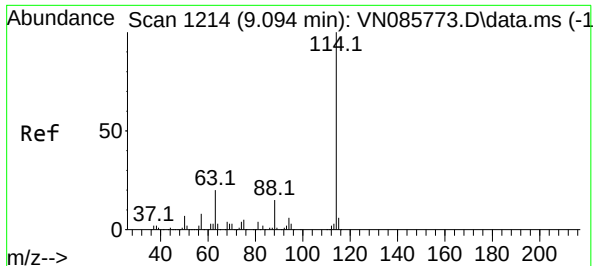
Tgt Ion:168 Resp: 327904  
Ion Ratio Lower Upper  
168 100  
99 59.7 47.9 71.9



#33  
1,2-Dichloroethane-d4  
Concen: 52.753 ug/l  
RT: 8.577 min Scan# 1126  
Delta R.T. 0.006 min  
Lab File: VN085859.D  
Acq: 25 Feb 2025 16:15

Tgt Ion: 65 Resp: 224263  
Ion Ratio Lower Upper  
65 100  
67 52.9 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085859.D

Acq: 25 Feb 2025 16:15

Instrument :

MSVOA\_N

ClientSampleId :

IBLK

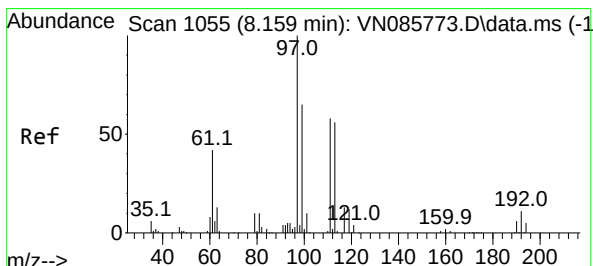
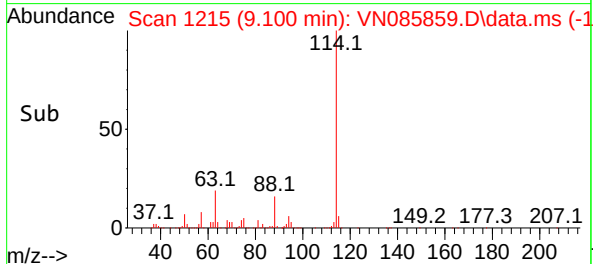
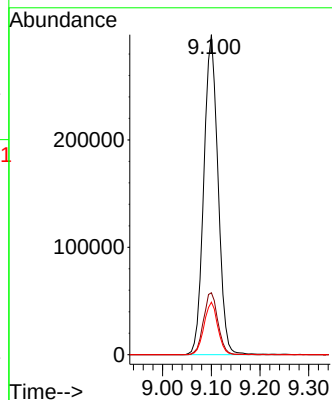
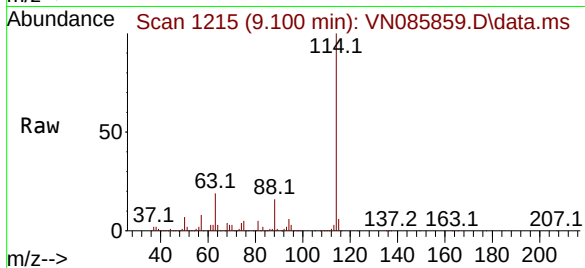
Tgt Ion:114 Resp: 601038

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.2

88 16.4 0.0 30.0



#35

Dibromofluoromethane

Concen: 49.133 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085859.D

Acq: 25 Feb 2025 16:15

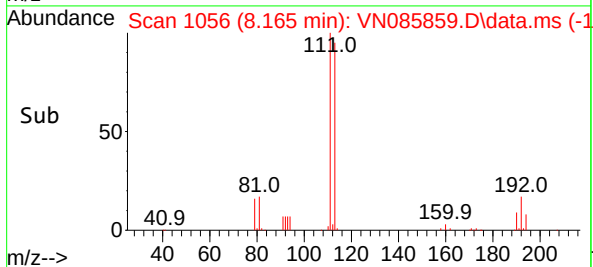
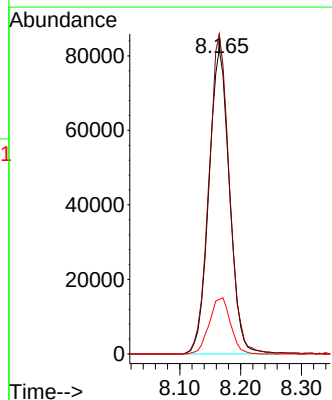
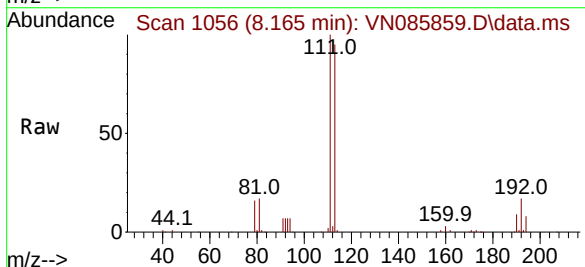
Tgt Ion:113 Resp: 193234

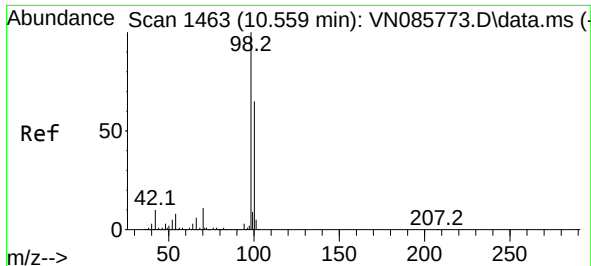
Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.4

192 18.9 14.7 22.1

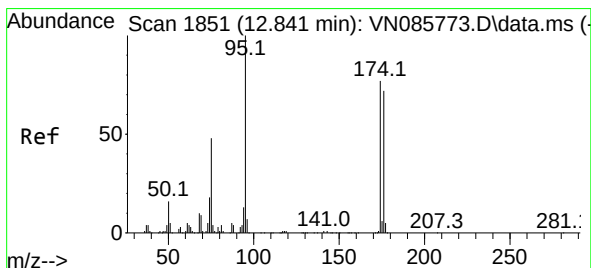
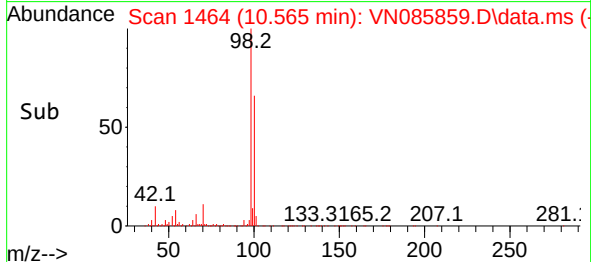
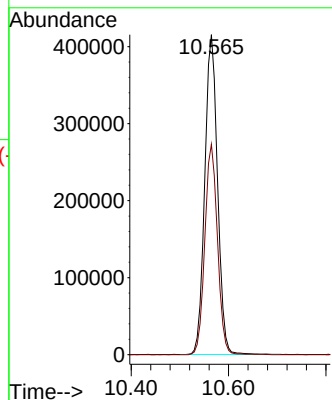
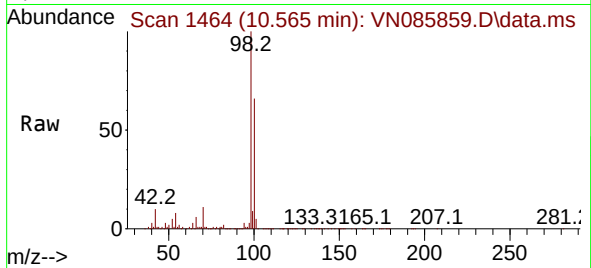




#50  
Toluene-d8  
Concen: 52.639 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. 0.006 min  
Lab File: VN085859.D  
Acq: 25 Feb 2025 16:15

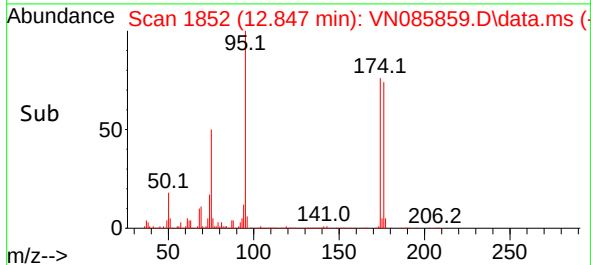
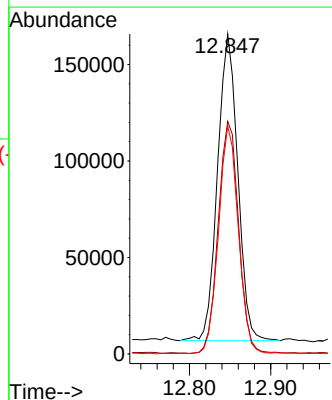
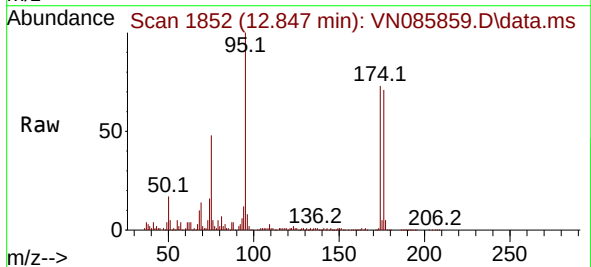
Instrument :  
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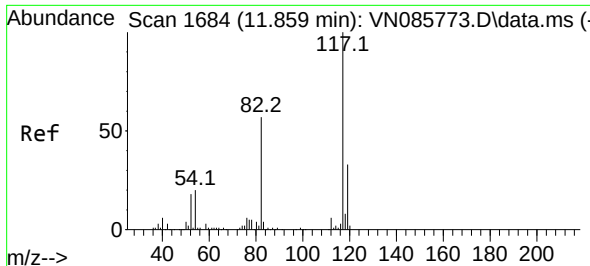
Tgt Ion: 98 Resp: 753215  
Ion Ratio Lower Upper  
98 100  
100 65.1 52.1 78.1



#62  
4-Bromofluorobenzene  
Concen: 58.451 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. 0.006 min  
Lab File: VN085859.D  
Acq: 25 Feb 2025 16:15

Tgt Ion: 95 Resp: 275571  
Ion Ratio Lower Upper  
95 100  
174 76.6 0.0 152.4  
176 72.7 0.0 146.6

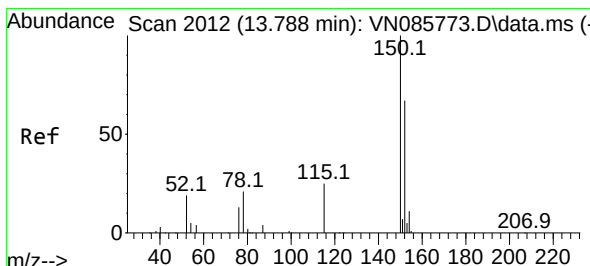
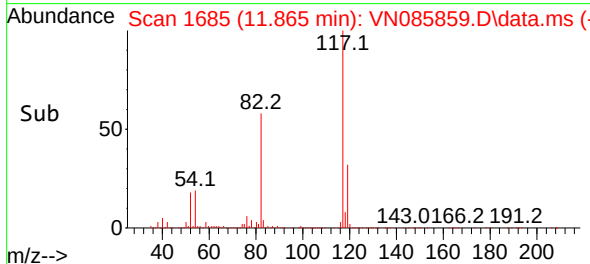
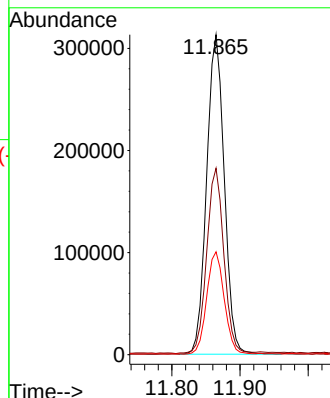
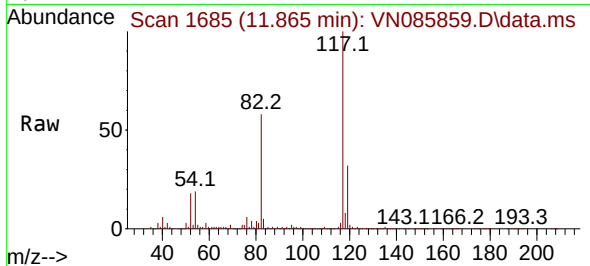




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: VN085859.D  
Acq: 25 Feb 2025 16:15

Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

Tgt Ion:117 Resp: 562501  
Ion Ratio Lower Upper  
117 100  
82 57.8 45.7 68.5  
119 32.0 26.2 39.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 2013  
Delta R.T. 0.006 min  
Lab File: VN085859.D  
Acq: 25 Feb 2025 16:15

Tgt Ion:152 Resp: 248534  
Ion Ratio Lower Upper  
152 100  
115 62.6 30.4 91.3  
150 158.2 0.0 345.4

