

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN021825\  
 Data File : VN085778.D  
 Acq On : 18 Feb 2025 13:54  
 Operator : JC\MD  
 Sample : IBLK  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 IBLK

Quant Time: Feb 19 03:58:02 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  | 206496   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.094  | 114  | 382339   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 328019   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.788 | 152  | 128643   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.577  | 65    | 160940   | 60.116   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 120.240% |
| 35) Dibromofluoromethane    | 8.159  | 113   | 136080   | 54.392   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 108.780% |
| 50) Toluene-d8              | 10.565 | 98    | 455361   | 50.026   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 100.060% |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 132399   | 44.147   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =    | 88.300%  |

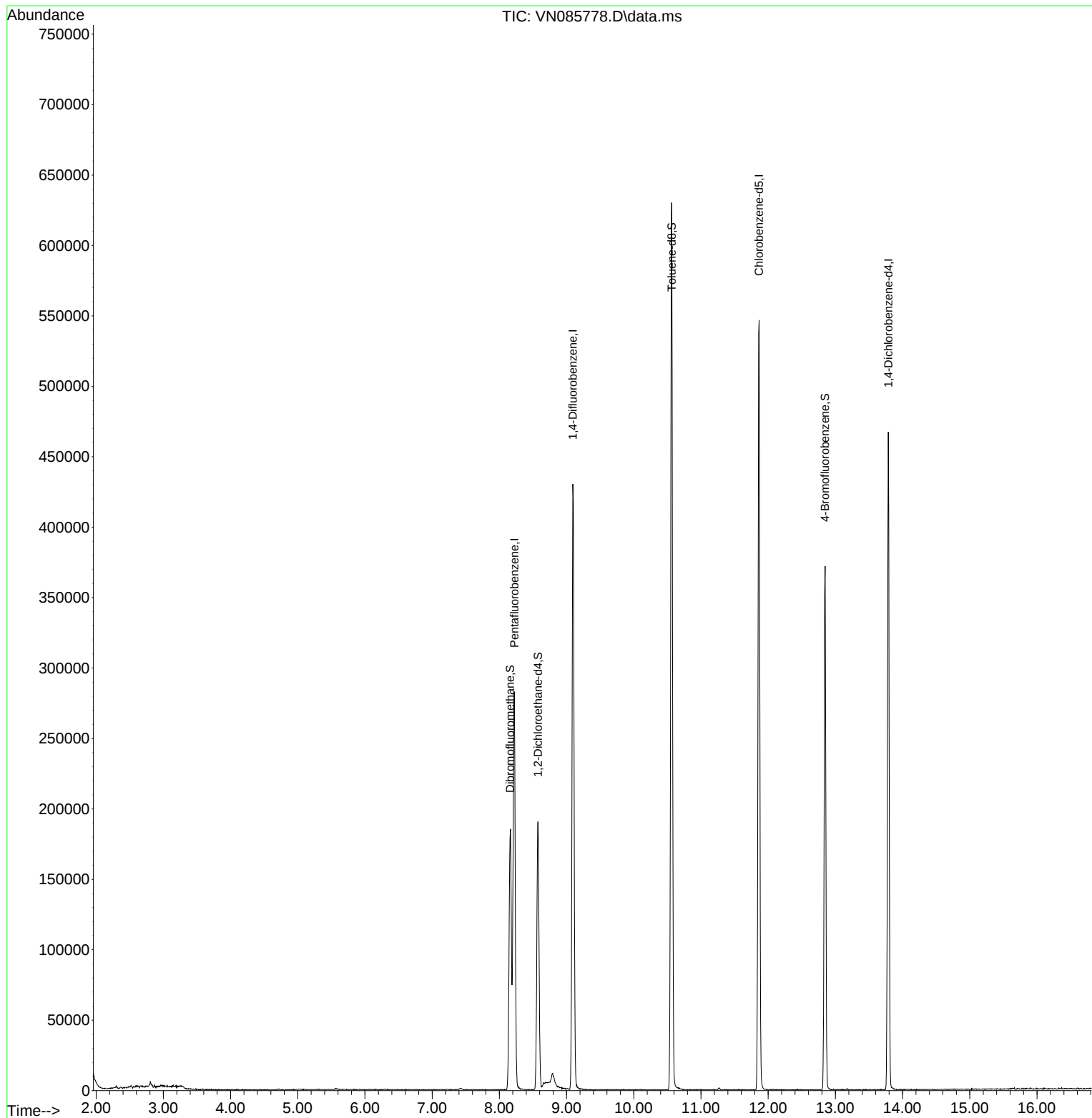
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

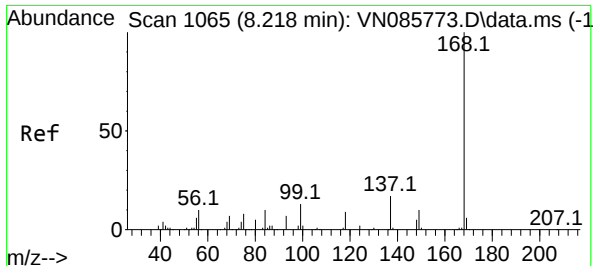
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Wed Feb 19 03:43:32 2025  
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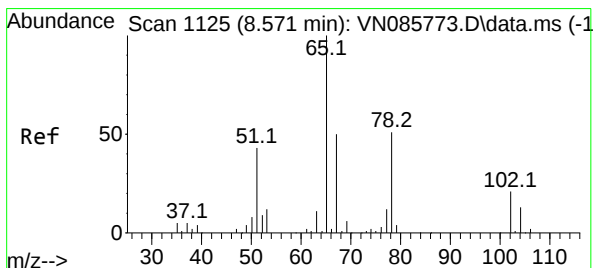
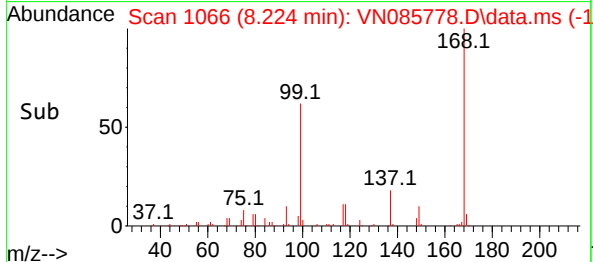
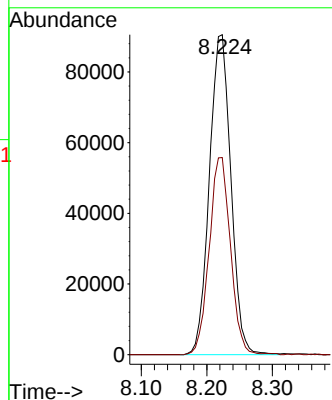
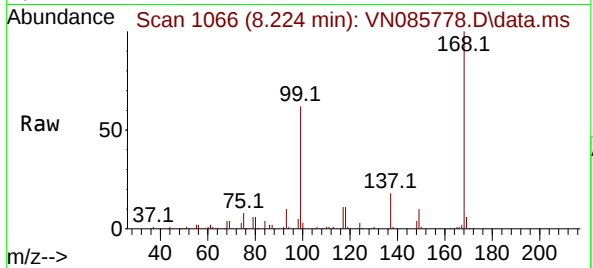




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1125  
Delta R.T. 0.006 min  
Lab File: VN085778.D  
Acq: 18 Feb 2025 13:54

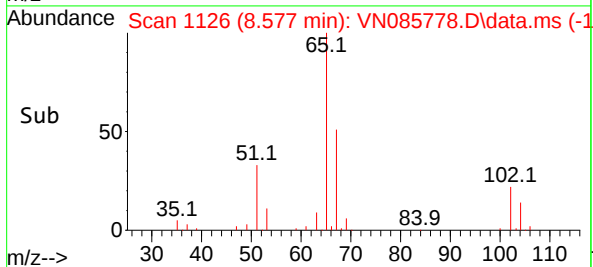
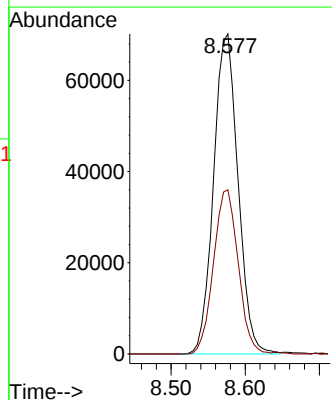
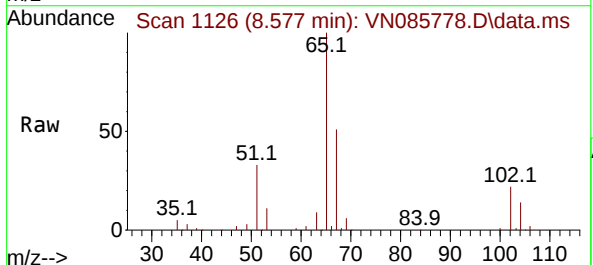
Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

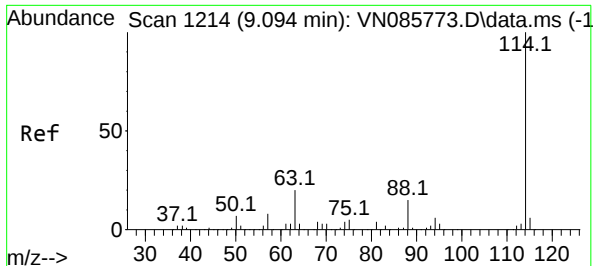
Tgt Ion:168 Resp: 206496  
Ion Ratio Lower Upper  
168 100  
99 61.6 47.9 71.9



#33  
1,2-Dichloroethane-d4  
Concen: 60.116 ug/l  
RT: 8.577 min Scan# 1126  
Delta R.T. 0.006 min  
Lab File: VN085778.D  
Acq: 18 Feb 2025 13:54

Tgt Ion: 65 Resp: 160940  
Ion Ratio Lower Upper  
65 100  
67 51.7 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN085778.D

Acq: 18 Feb 2025 13:54

Instrument :

MSVOA\_N

ClientSampleId :

IBLK

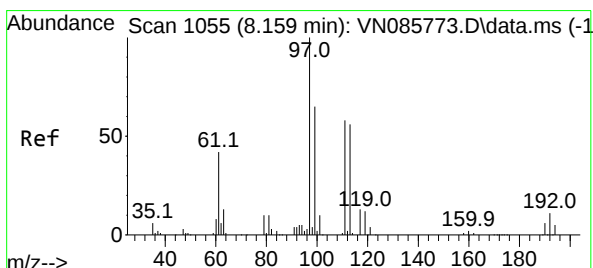
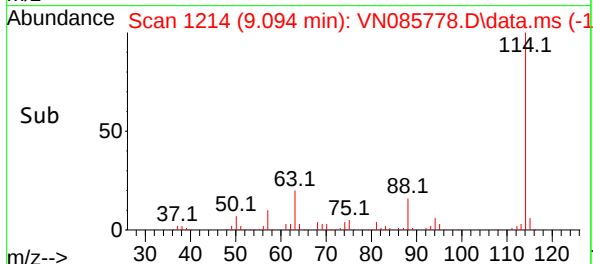
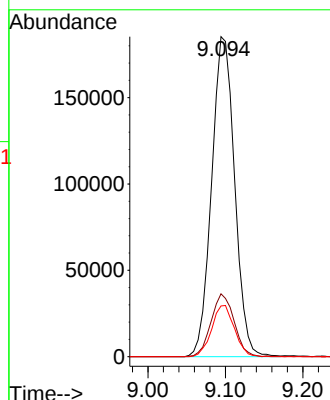
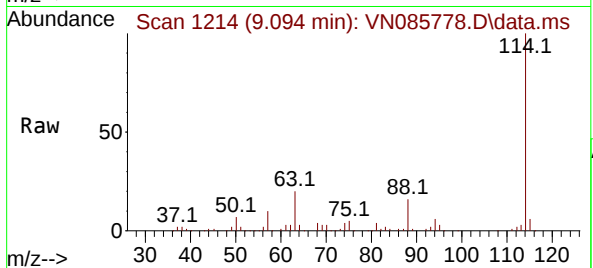
Tgt Ion:114 Resp: 382339

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.2

88 15.9 0.0 30.0



#35

Dibromofluoromethane

Concen: 54.392 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VN085778.D

Acq: 18 Feb 2025 13:54

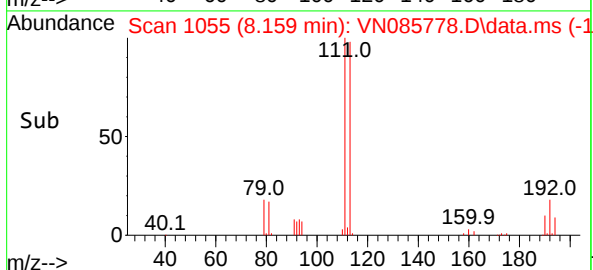
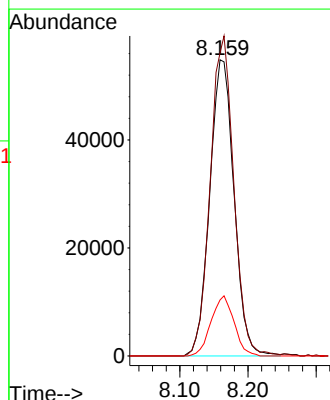
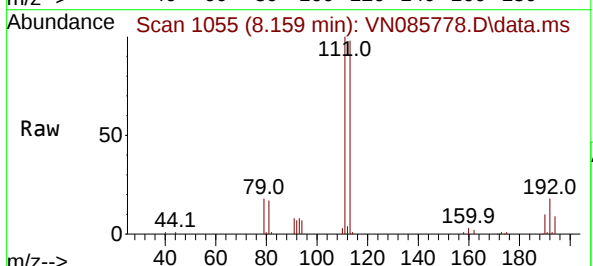
Tgt Ion:113 Resp: 136080

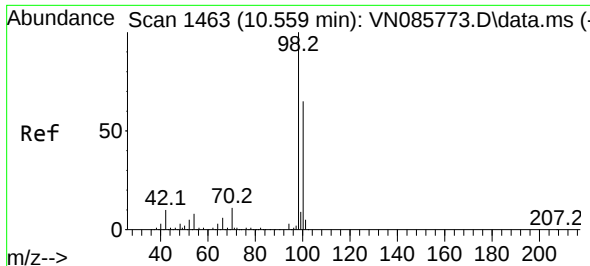
Ion Ratio Lower Upper

113 100

111 104.5 82.2 123.4

192 19.2 14.7 22.1

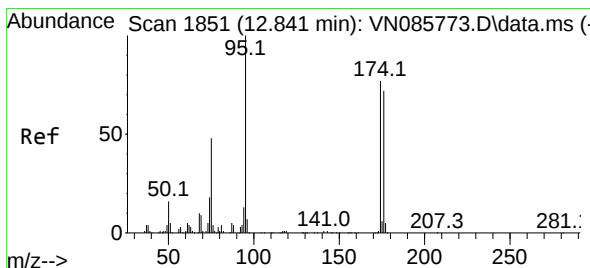
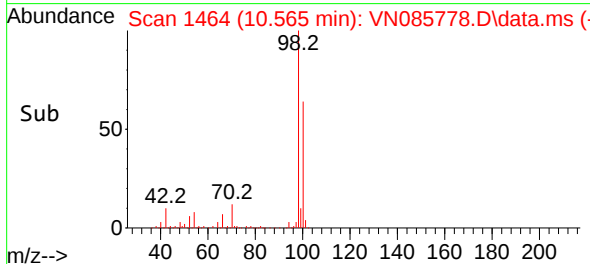
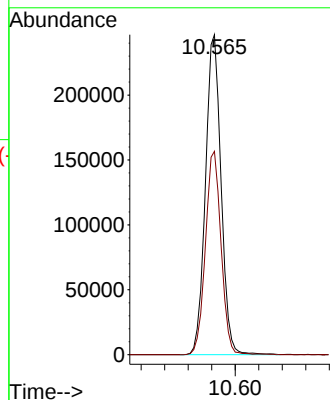
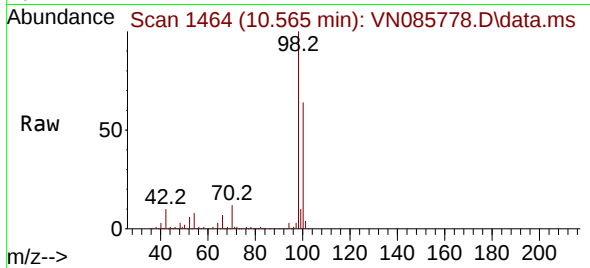




#50  
Toluene-d8  
Concen: 50.026 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. 0.006 min  
Lab File: VN085778.D  
Acq: 18 Feb 2025 13:54

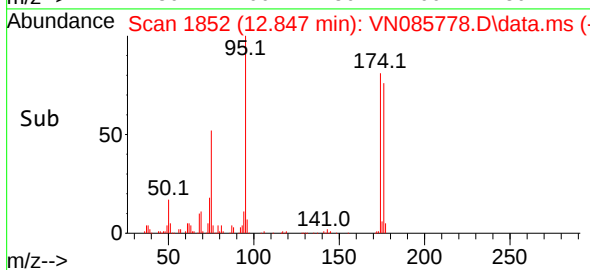
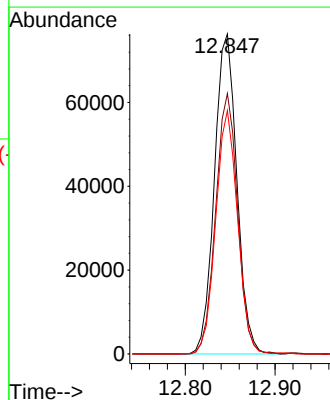
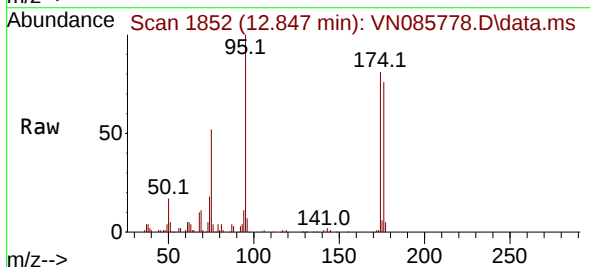
Instrument :  
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ClientSampleId :  
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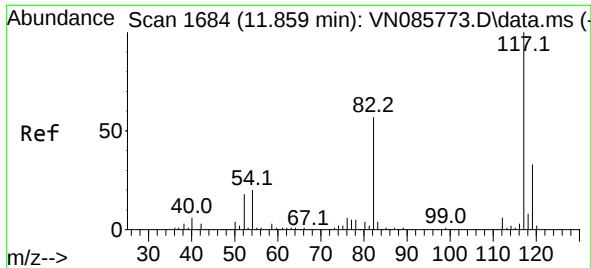
Tgt Ion: 98 Resp: 455361  
Ion Ratio Lower Upper  
98 100  
100 63.7 52.1 78.1



#62  
4-Bromofluorobenzene  
Concen: 44.147 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. 0.006 min  
Lab File: VN085778.D  
Acq: 18 Feb 2025 13:54

Tgt Ion: 95 Resp: 132399  
Ion Ratio Lower Upper  
95 100  
174 79.5 0.0 152.4  
176 74.2 0.0 146.6

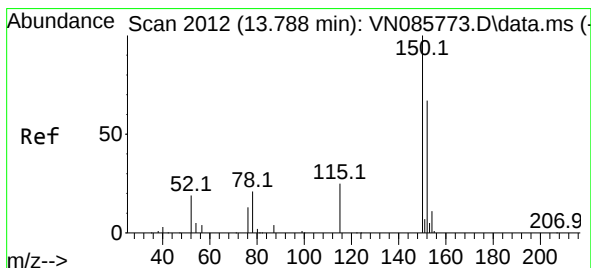
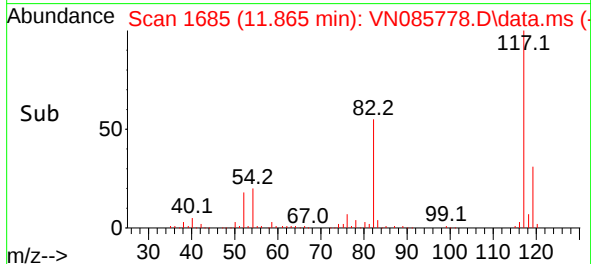
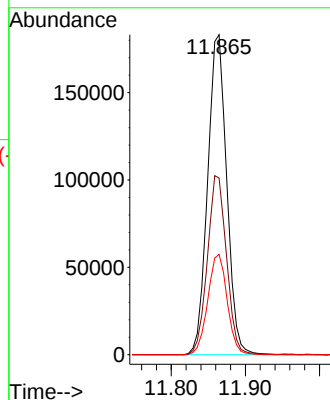
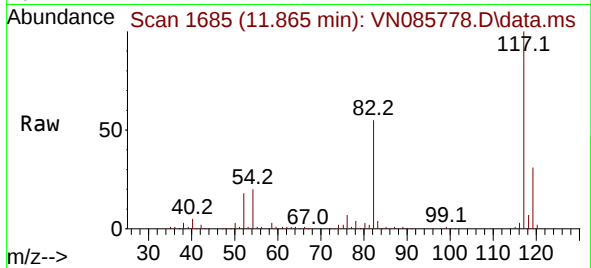




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. 0.006 min  
Lab File: VN085778.D  
Acq: 18 Feb 2025 13:54

Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

Tgt Ion:117 Resp: 328019  
Ion Ratio Lower Upper  
117 100  
82 55.2 45.7 68.5  
119 31.4 26.2 39.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.788 min Scan# 2012  
Delta R.T. -0.000 min  
Lab File: VN085778.D  
Acq: 18 Feb 2025 13:54

Tgt Ion:152 Resp: 128643  
Ion Ratio Lower Upper  
152 100  
115 60.6 30.4 91.3  
150 160.8 0.0 345.4

