

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN081424\  
 Data File : VN083308.D  
 Acq On : 14 Aug 2024 18:05  
 Operator : JC\MD  
 Sample : P3601-03  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TB-02-081324

Quant Time: Aug 14 23:24:49 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N080724W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Aug 08 06:30:41 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.230  | 168  | 130112   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.100  | 114  | 254408   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 267521   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 119627   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.582  | 65    | 108734   | 58.712   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 117.420% |
| 35) Dibromofluoromethane    | 8.171  | 113   | 84602    | 53.277   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 106.560% |
| 50) Toluene-d8              | 10.565 | 98    | 320266   | 54.067   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 108.140% |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 132489   | 57.372   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =    | 114.740% |

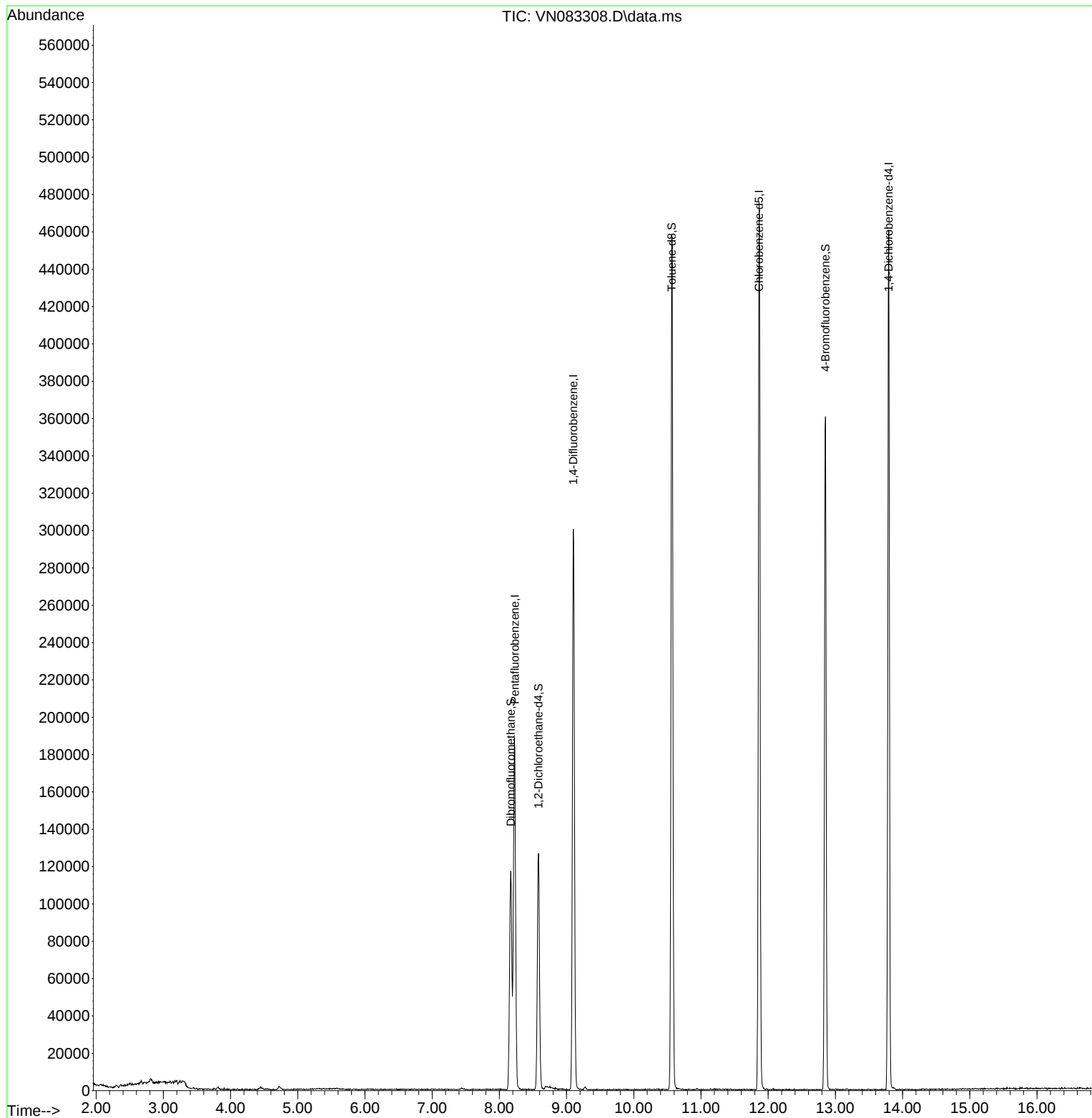
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

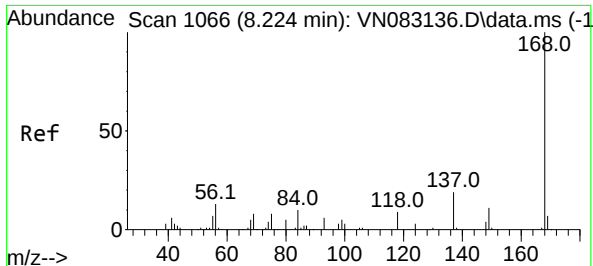
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 08 06:30:41 2024  
Response via : Initial Calibration

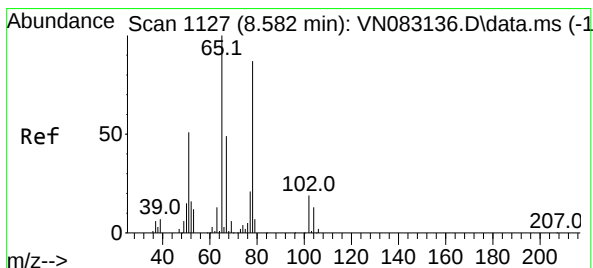
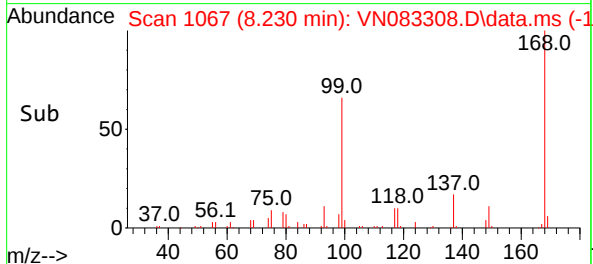
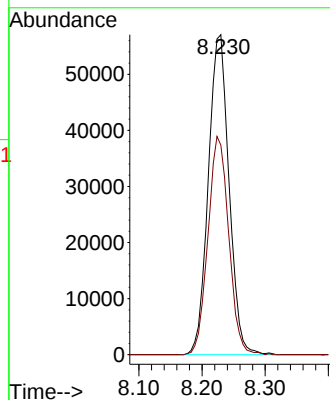
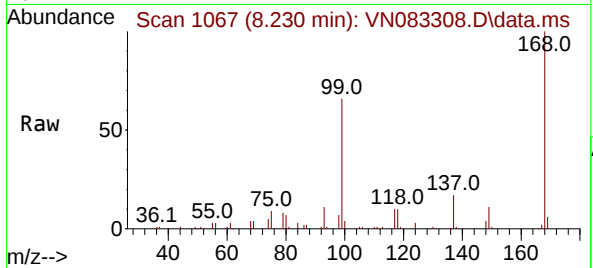




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1066  
Delta R.T. 0.006 min  
Lab File: VN083308.D  
Acq: 14 Aug 2024 18:05

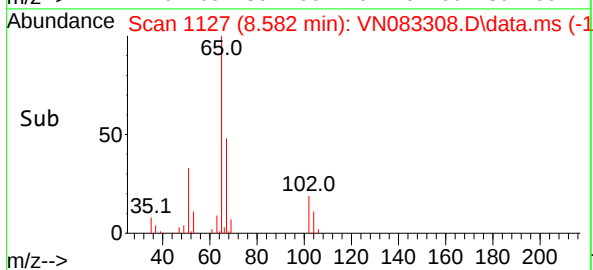
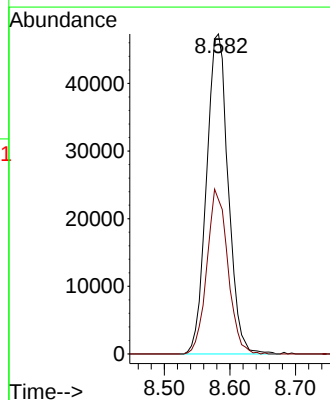
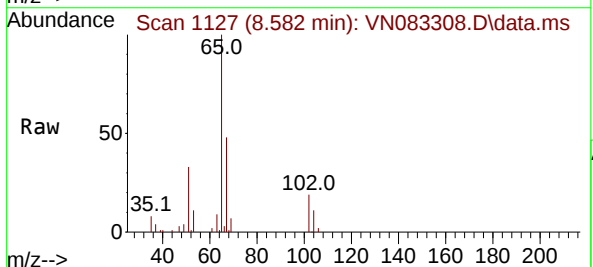
Instrument :  
MSVOA\_N  
ClientSampleId :  
TB-02-081324

Tgt Ion:168 Resp: 130112  
Ion Ratio Lower Upper  
168 100  
99 65.5 48.2 72.4



#33  
1,2-Dichloroethane-d4  
Concen: 58.712 ug/l  
RT: 8.582 min Scan# 1127  
Delta R.T. 0.000 min  
Lab File: VN083308.D  
Acq: 14 Aug 2024 18:05

Tgt Ion: 65 Resp: 108734  
Ion Ratio Lower Upper  
65 100  
67 49.7 0.0 104.4

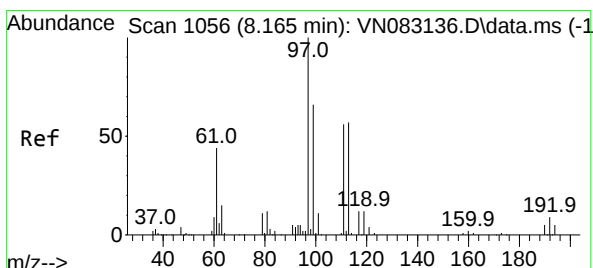
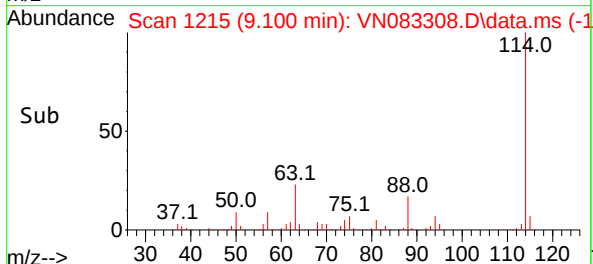
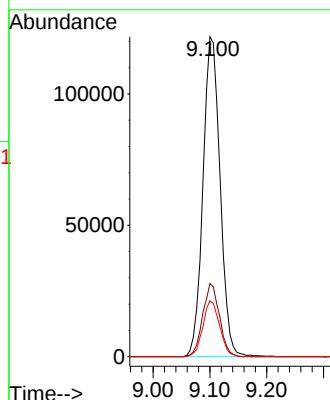
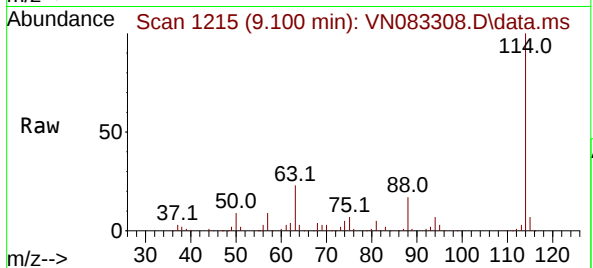




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.100 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN083308.D  
Acq: 14 Aug 2024 18:05

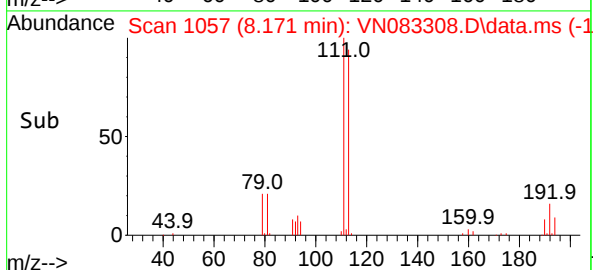
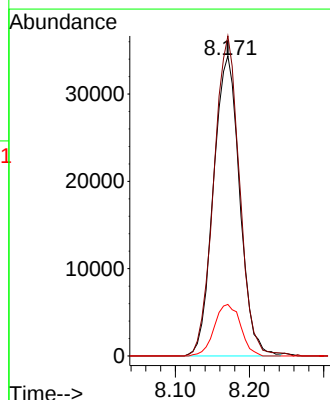
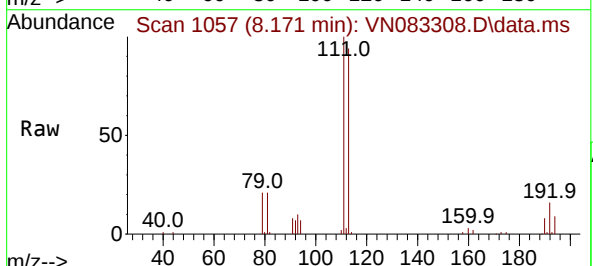
Instrument :  
MSVOA\_N  
ClientSampleId :  
TB-02-081324

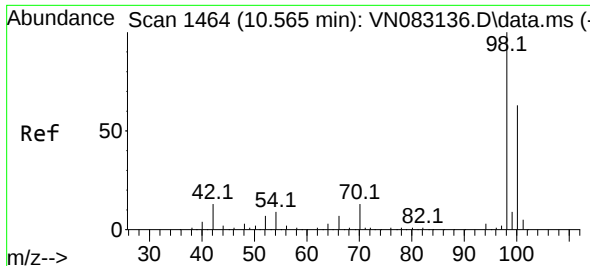
Tgt Ion:114 Resp: 254408  
Ion Ratio Lower Upper  
114 100  
63 22.9 0.0 44.6  
88 17.5 0.0 31.4



#35  
Dibromofluoromethane  
Concen: 53.277 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. 0.006 min  
Lab File: VN083308.D  
Acq: 14 Aug 2024 18:05

Tgt Ion:113 Resp: 84602  
Ion Ratio Lower Upper  
113 100  
111 104.4 82.4 123.6  
192 17.2 14.9 22.3

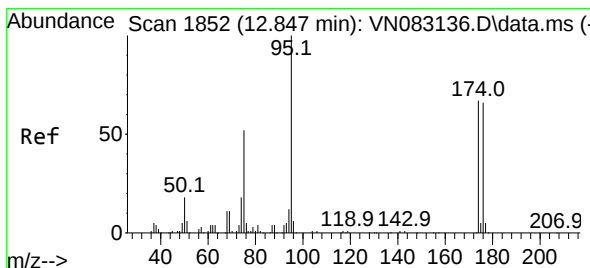
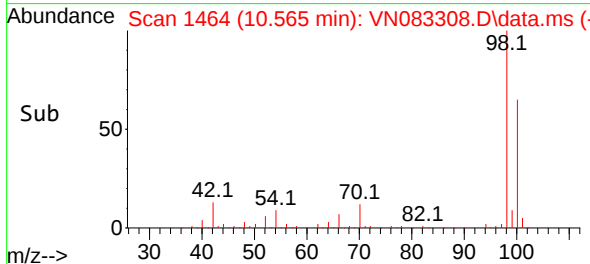
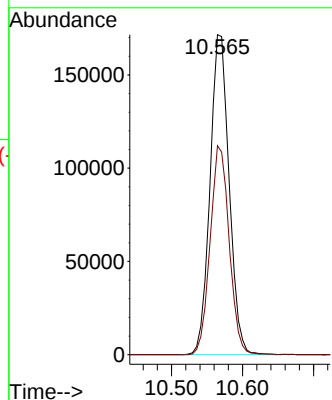
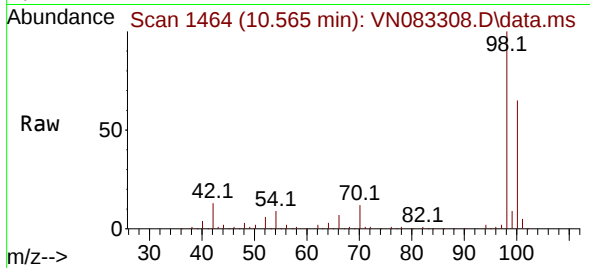




#50  
Toluene-d8  
Concen: 54.067 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. -0.000 min  
Lab File: VN083308.D  
Acq: 14 Aug 2024 18:05

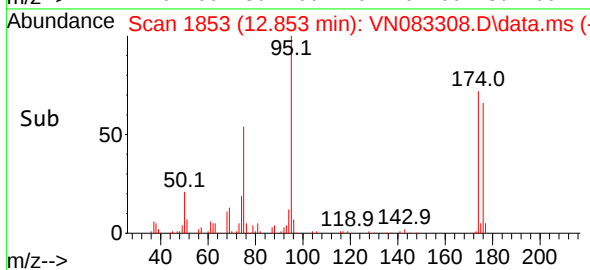
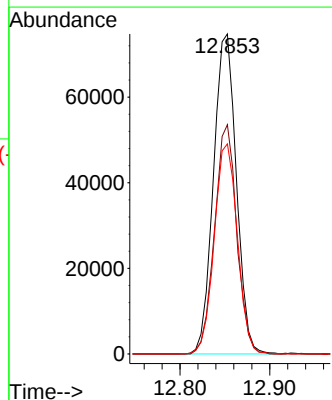
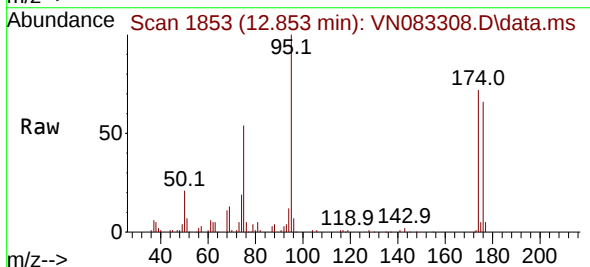
Instrument :  
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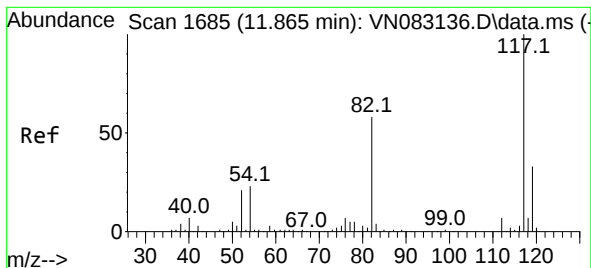
Tgt Ion: 98 Resp: 320266  
Ion Ratio Lower Upper  
98 100  
100 65.0 51.5 77.3



#62  
4-Bromofluorobenzene  
Concen: 57.372 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.006 min  
Lab File: VN083308.D  
Acq: 14 Aug 2024 18:05

Tgt Ion: 95 Resp: 132489  
Ion Ratio Lower Upper  
95 100  
174 69.4 0.0 159.2  
176 66.3 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083308.D

Acq: 14 Aug 2024 18:05

Instrument :

MSVOA\_N

ClientSampleId :

TB-02-081324

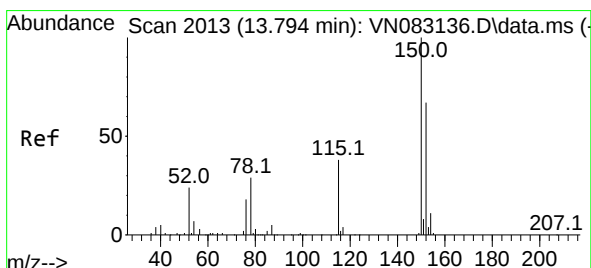
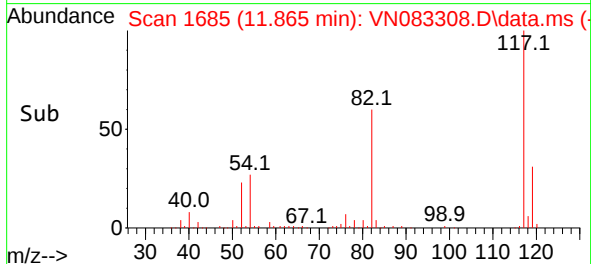
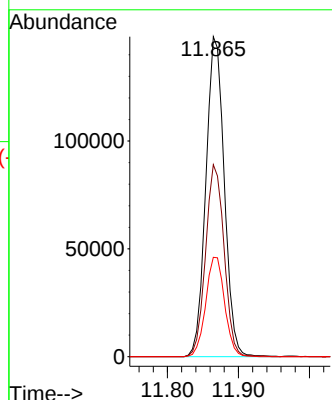
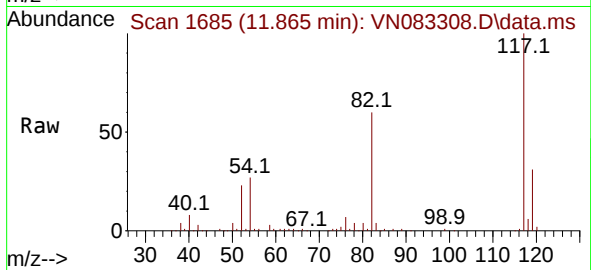
Tgt Ion:117 Resp: 267521

Ion Ratio Lower Upper

117 100

82 60.0 47.5 71.3

119 31.0 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN083308.D

Acq: 14 Aug 2024 18:05

Tgt Ion:152 Resp: 119627

Ion Ratio Lower Upper

152 100

115 63.4 30.6 91.6

150 155.9 0.0 348.6

