

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051525\
 Data File : VN086638.D
 Acq On : 15 May 2025 12:22
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: May 16 05:25:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

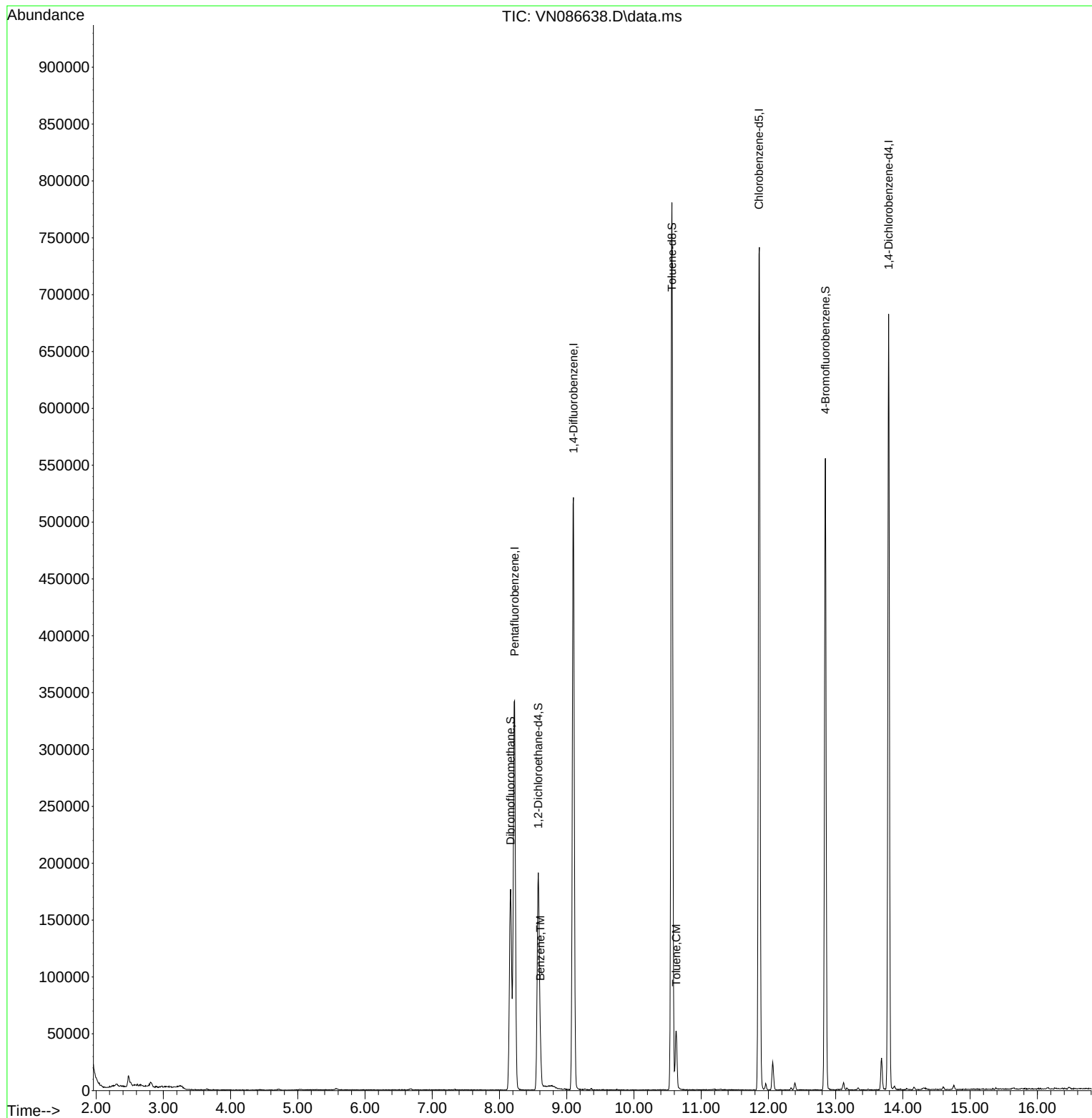
Internal Standards						
1) Pentafluorobenzene	8.224	168	265252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	484332	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	465165	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	196214	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	154954	40.286	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	80.580%		
35) Dibromofluoromethane	8.165	113	133789	59.519	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	119.040%		
50) Toluene-d8	10.565	98	565518	47.073	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.140%		
62) 4-Bromofluorobenzene	12.847	95	205808	46.968	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	93.940%		
Target Compounds					Qvalue	
40) Benzene	8.606	78	33613	2.337	ug/l	97
52) Toluene	10.630	92	23242	2.589	ug/l	97

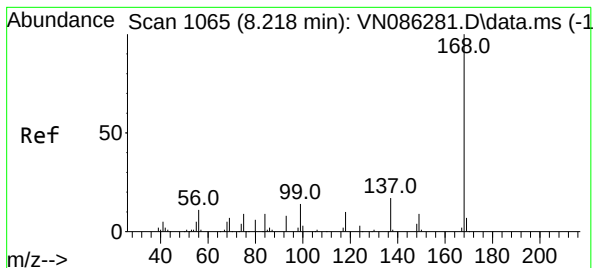
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051525\
Data File : VN086638.D
Acq On : 15 May 2025 12:22
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: May 16 05:25:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

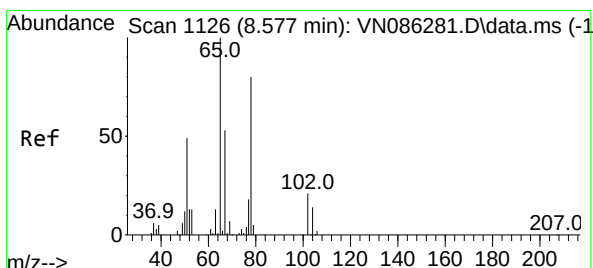
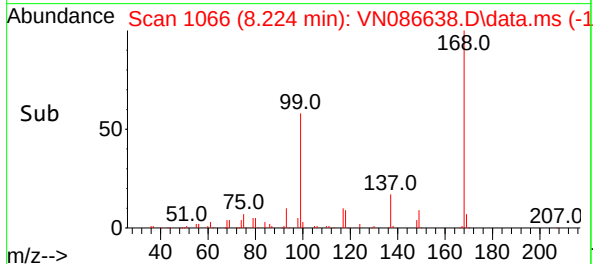
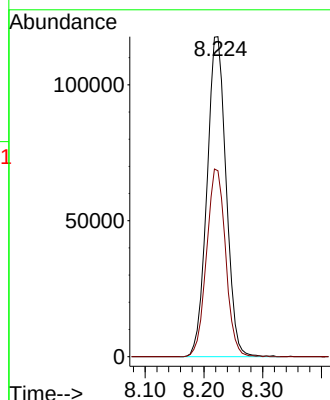
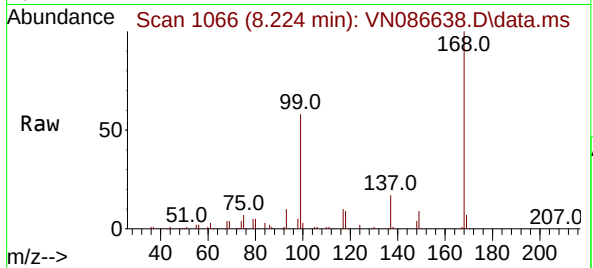




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086638.D
Acq: 15 May 2025 12:22

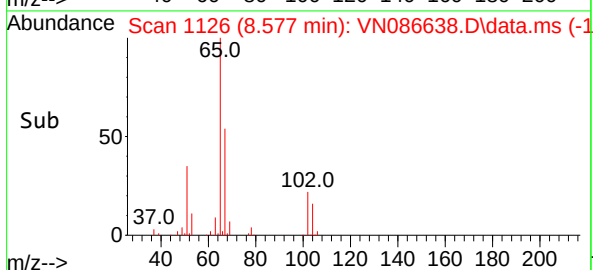
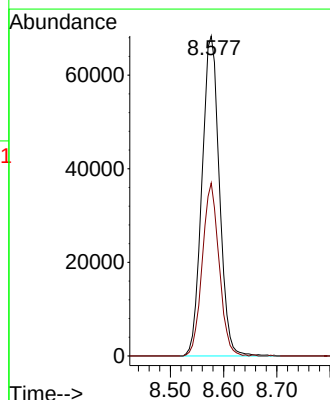
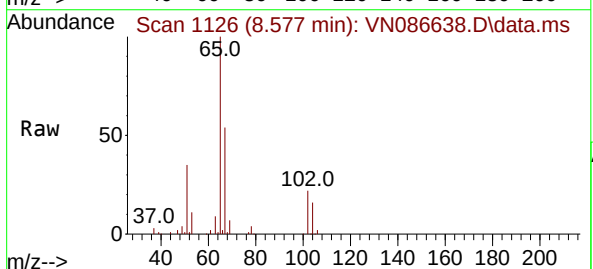
Instrument :
MSVOA_N
ClientSampleId :
IBLK

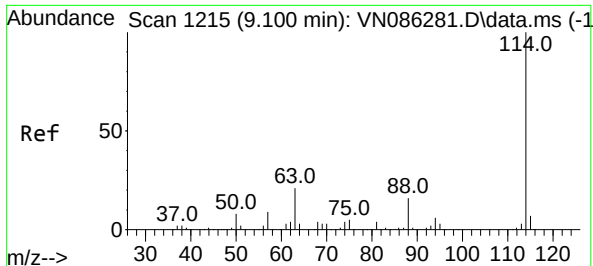
Tgt Ion:168 Resp: 265252
Ion Ratio Lower Upper
168 100
99 58.1 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 40.286 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086638.D
Acq: 15 May 2025 12:22

Tgt Ion: 65 Resp: 154954
Ion Ratio Lower Upper
65 100
67 52.1 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN086638.D

Acq: 15 May 2025 12:22

Instrument :

MSVOA_N

ClientSampleId :

IBLK

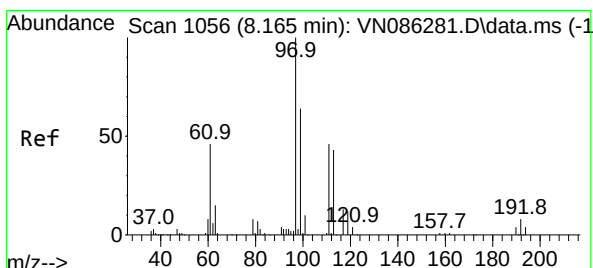
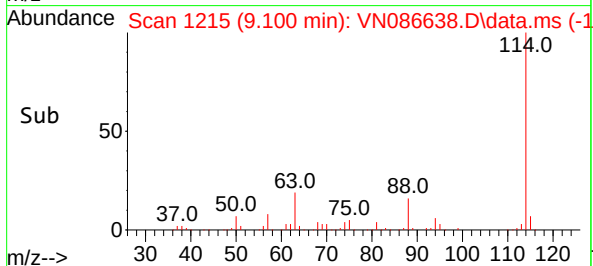
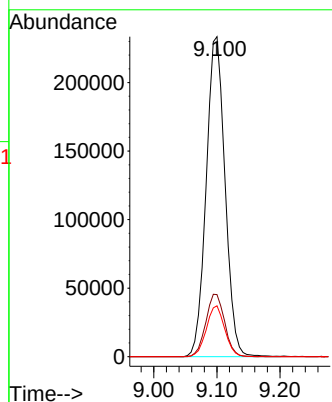
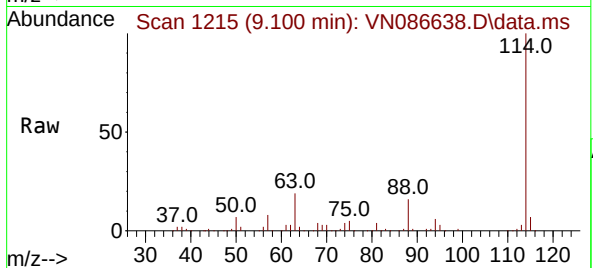
Tgt Ion:114 Resp: 484332

Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.6

88 15.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 59.519 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN086638.D

Acq: 15 May 2025 12:22

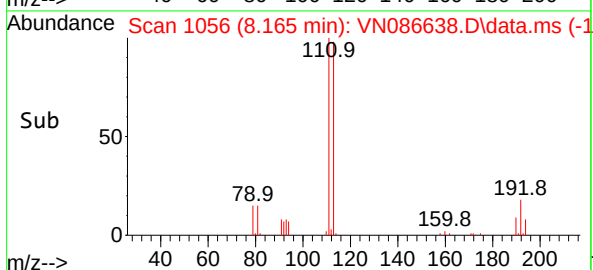
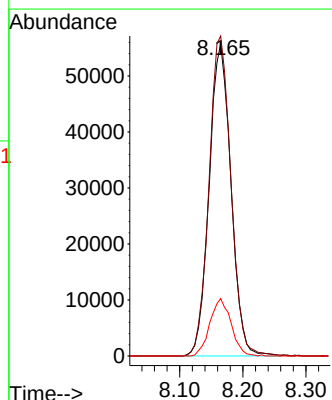
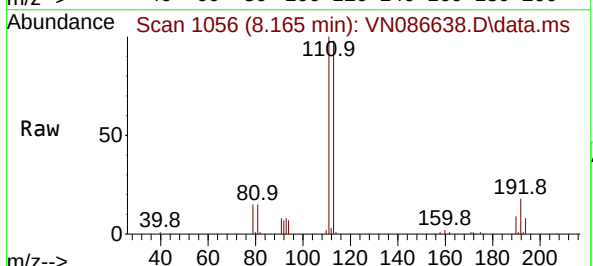
Tgt Ion:113 Resp: 133789

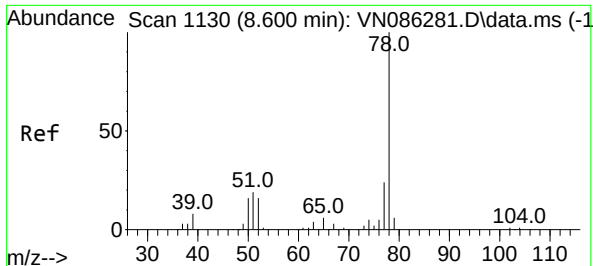
Ion Ratio Lower Upper

113 100

111 103.1 83.4 125.0

192 17.8 13.7 20.5

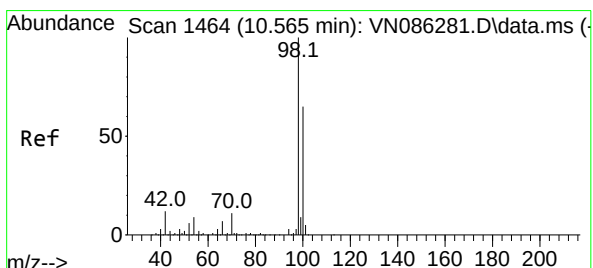
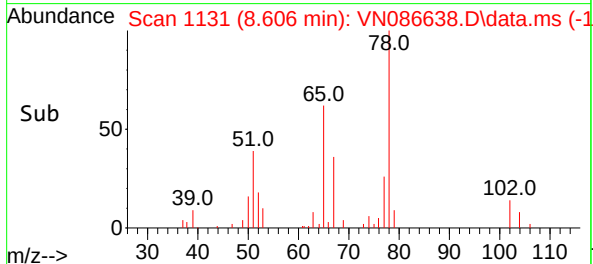
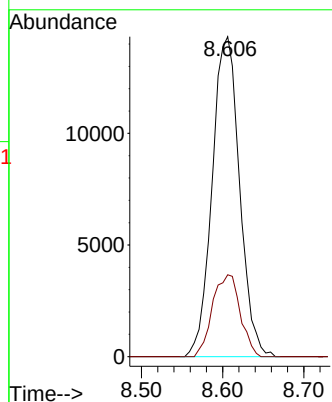
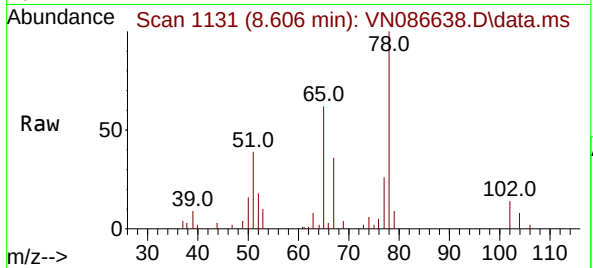




#40
Benzene
Concen: 2.337 ug/l
RT: 8.606 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN086638.D
Acq: 15 May 2025 12:22

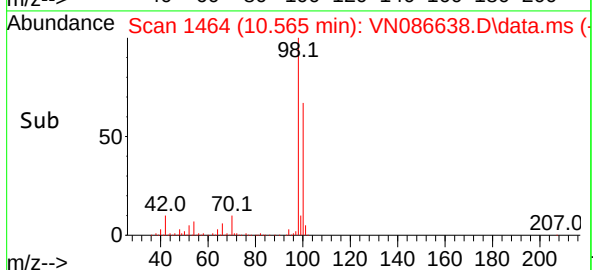
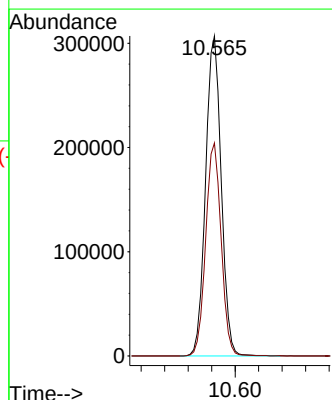
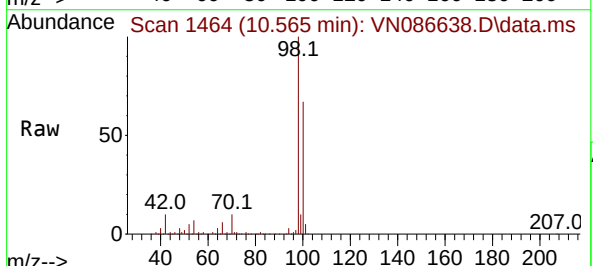
Instrument :
MSVOA_N
ClientSampleId :
IBLK

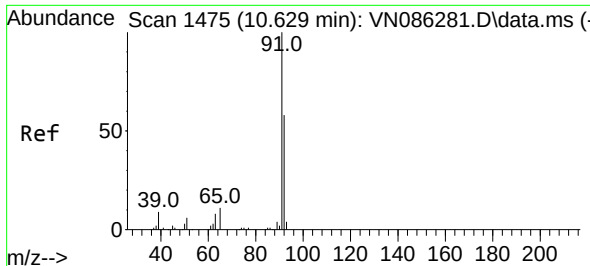
Tgt Ion: 78 Resp: 33613
Ion Ratio Lower Upper
78 100
77 25.6 19.4 29.2



#50
Toluene-d8
Concen: 47.073 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086638.D
Acq: 15 May 2025 12:22

Tgt Ion: 98 Resp: 565518
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7

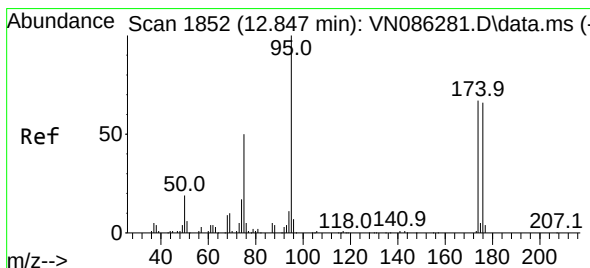
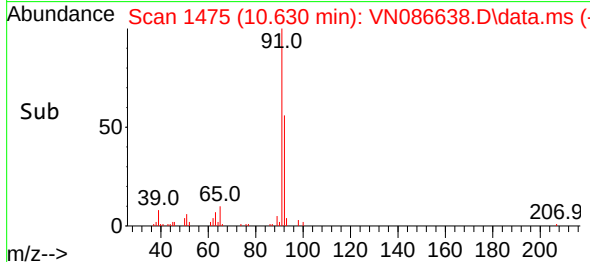
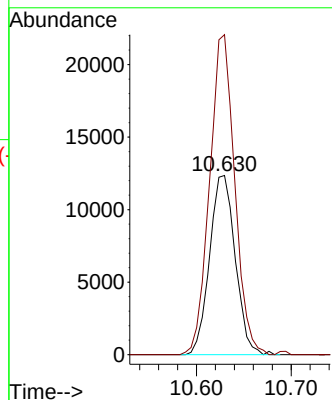
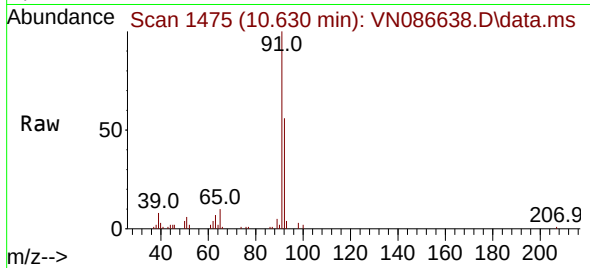




#52
Toluene
Concen: 2.589 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN086638.D
Acq: 15 May 2025 12:22

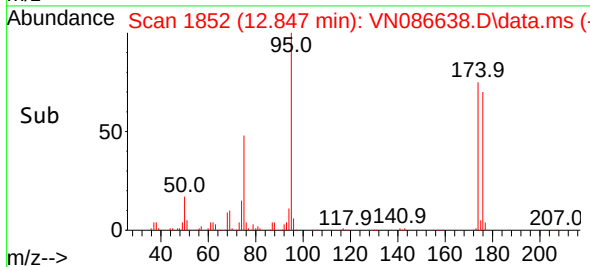
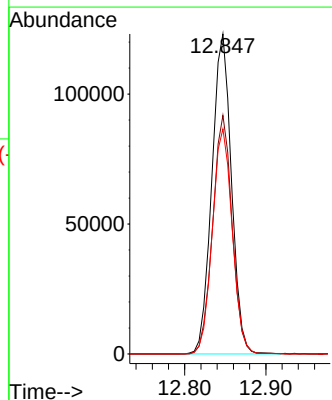
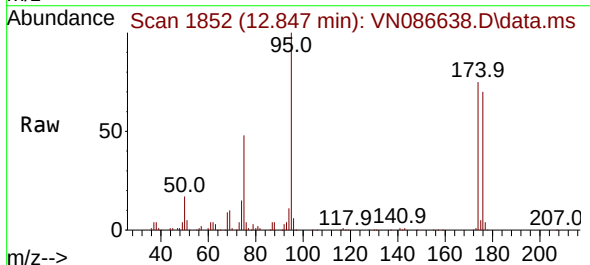
Instrument :
MSVOA_N
ClientSampleId :
IBLK

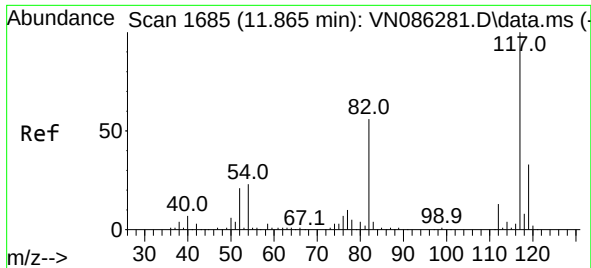
Tgt Ion: 92 Resp: 23242
Ion Ratio Lower Upper
92 100
91 175.1 137.3 205.9



#62
4-Bromofluorobenzene
Concen: 46.968 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086638.D
Acq: 15 May 2025 12:22

Tgt Ion: 95 Resp: 205808
Ion Ratio Lower Upper
95 100
174 74.0 0.0 133.4
176 71.6 0.0 129.2

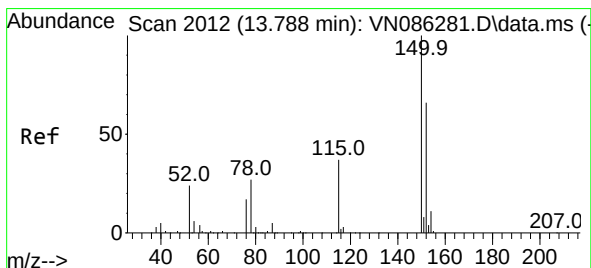
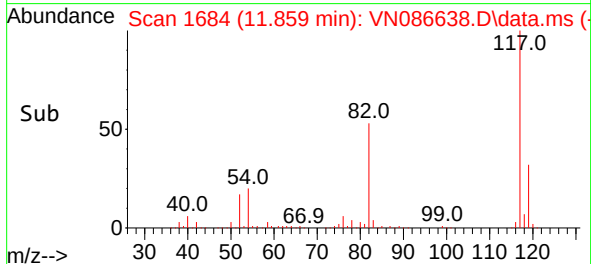
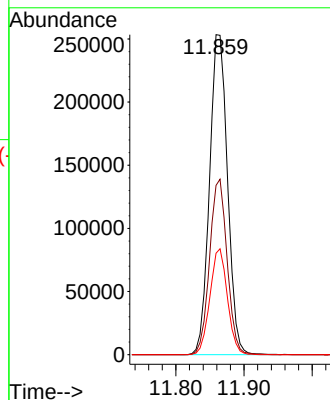
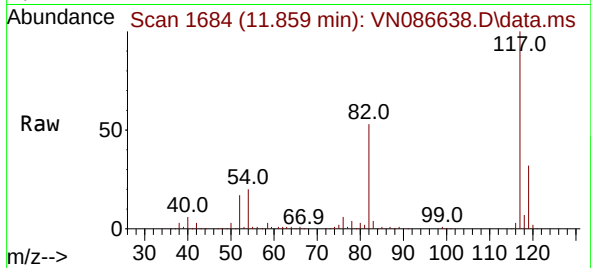




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086638.D
Acq: 15 May 2025 12:22

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 465165
Ion Ratio Lower Upper
117 100
82 52.9 44.7 67.1
119 31.7 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086638.D
Acq: 15 May 2025 12:22

Tgt Ion:152 Resp: 196214
Ion Ratio Lower Upper
152 100
115 60.7 31.9 95.9
150 156.5 0.0 352.0

