

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050925\
 Data File : VN086561.D
 Acq On : 09 May 2025 14:43
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: May 09 23:28:53 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)

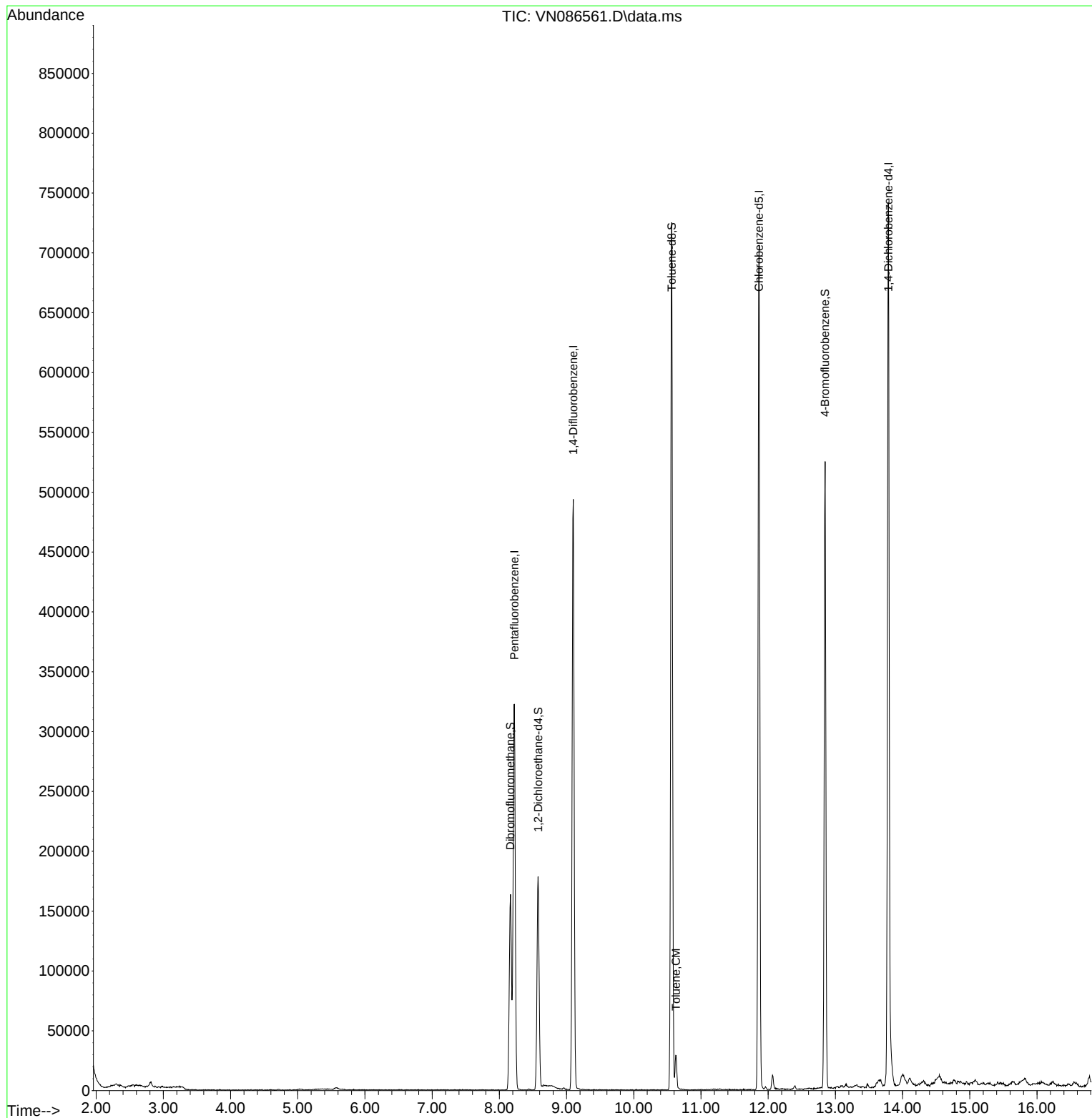
Internal Standards						
1) Pentafluorobenzene	8.224	168	246920	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	457960	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	430045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	194431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	148117	41.367	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	82.740%
35) Dibromofluoromethane	8.165	113	120179	56.543	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	113.080%
50) Toluene-d8	10.565	98	522816	46.025	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.040%
62) 4-Bromofluorobenzene	12.847	95	192500	46.461	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.920%
Target Compounds						
52) Toluene	10.629	92	12631	1.488	ug/l	Qvalue 95

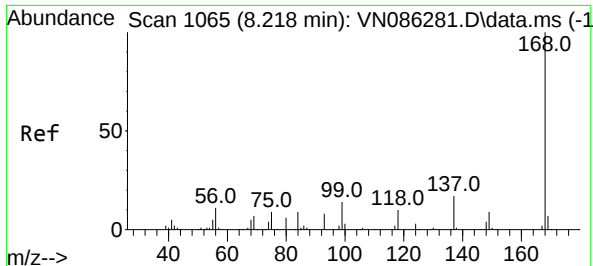
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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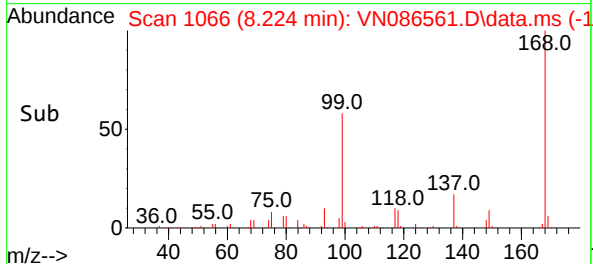
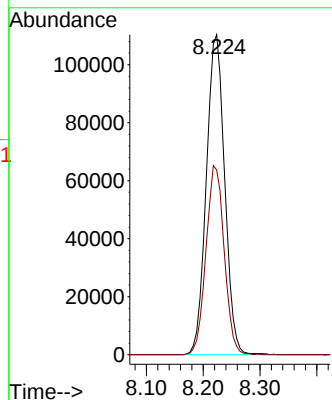
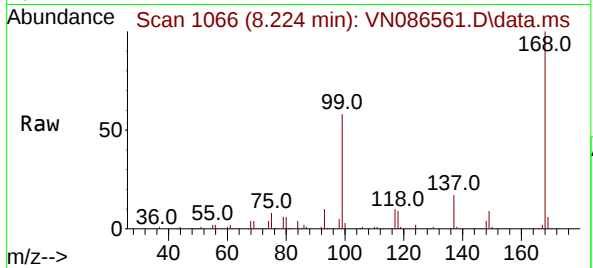




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086561.D
Acq: 09 May 2025 14:43

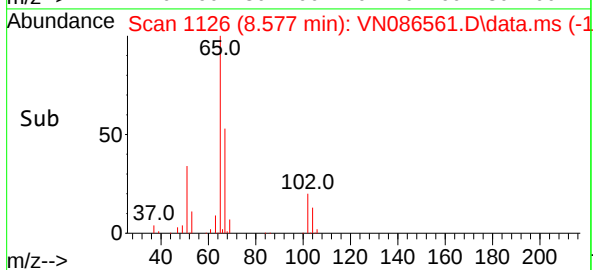
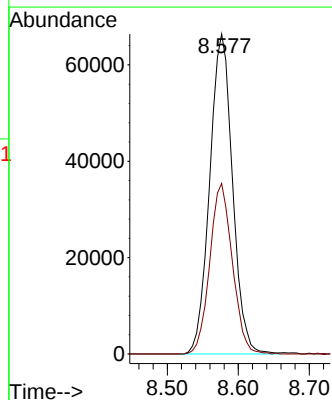
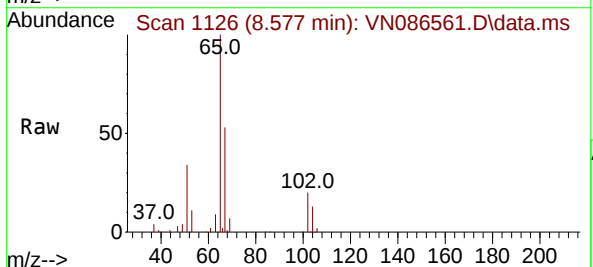
Instrument :
MSVOA_N
ClientSampleId :
IBLK

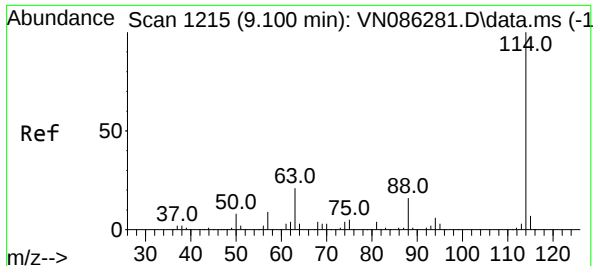
Tgt Ion:168 Resp: 246920
Ion Ratio Lower Upper
168 100
99 57.7 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 41.367 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086561.D
Acq: 09 May 2025 14:43

Tgt Ion: 65 Resp: 148117
Ion Ratio Lower Upper
65 100
67 52.7 0.0 106.0

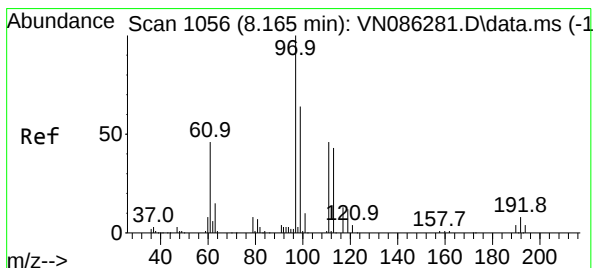
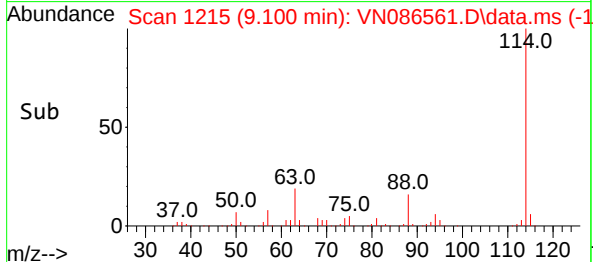
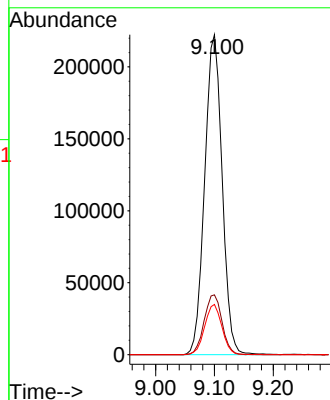
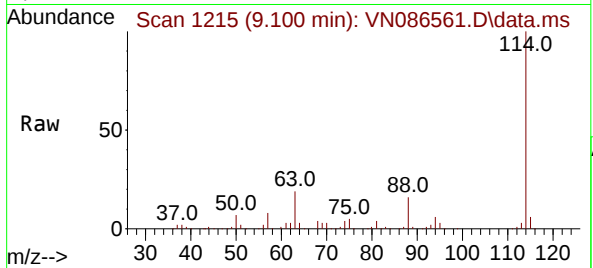




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086561.D
Acq: 09 May 2025 14:43

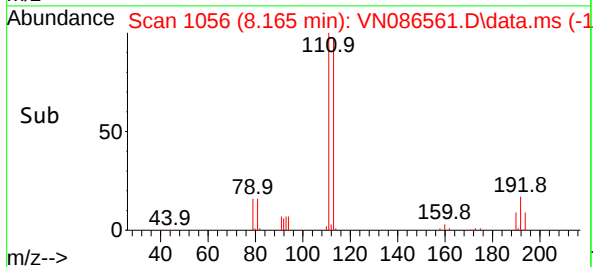
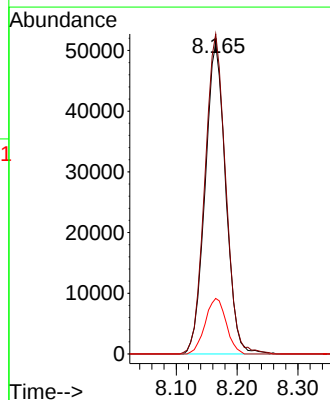
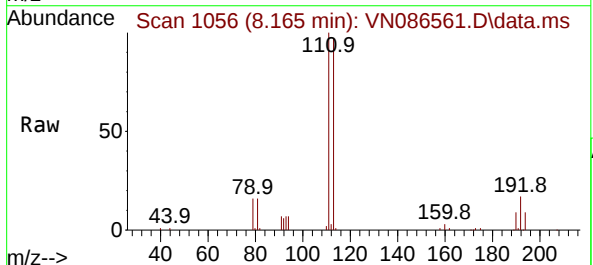
Instrument :
MSVOA_N
ClientSampleId :
IBLK

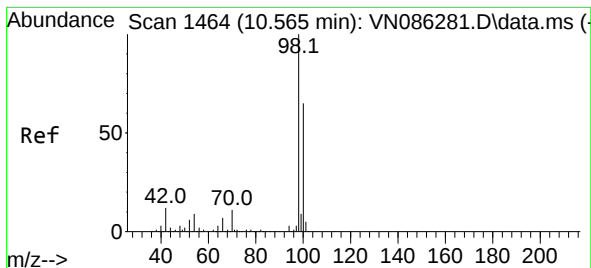
Tgt Ion:114 Resp: 457960
Ion Ratio Lower Upper
114 100
63 18.7 0.0 42.6
88 15.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 56.543 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086561.D
Acq: 09 May 2025 14:43

Tgt Ion:113 Resp: 120179
Ion Ratio Lower Upper
113 100
111 104.2 83.4 125.0
192 18.2 13.7 20.5

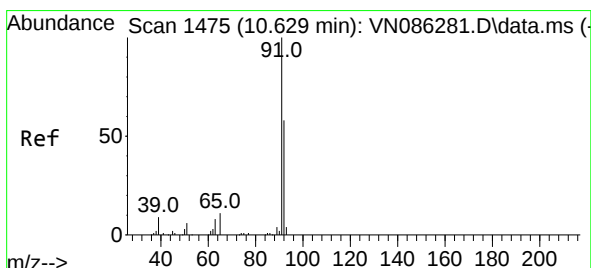
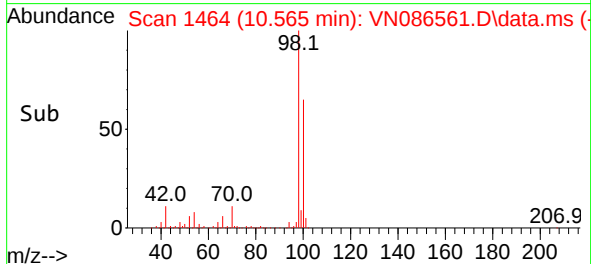
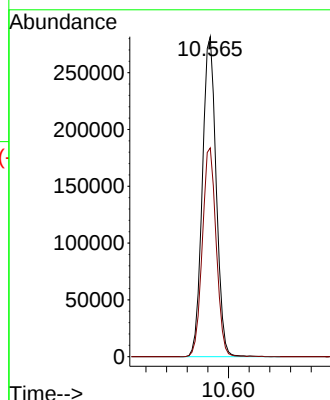
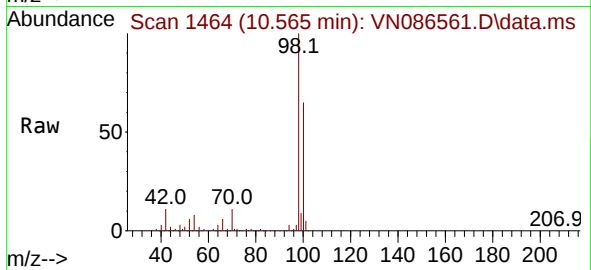




#50
Toluene-d8
Concen: 46.025 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086561.D
Acq: 09 May 2025 14:43

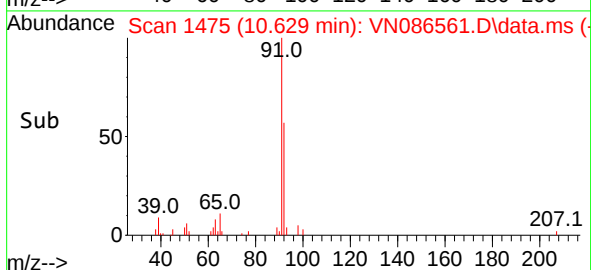
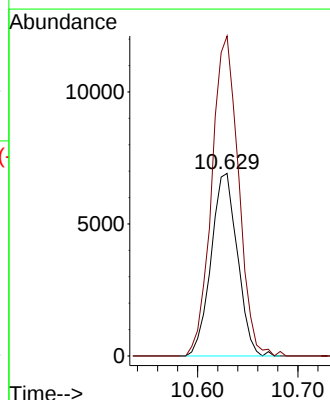
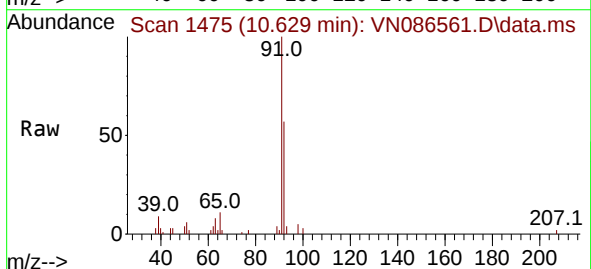
Instrument :
MSVOA_N
ClientSampleId :
IBLK

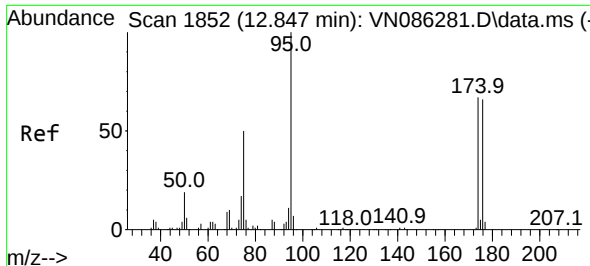
Tgt Ion: 98 Resp: 522816
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7



#52
Toluene
Concen: 1.488 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086561.D
Acq: 09 May 2025 14:43

Tgt Ion: 92 Resp: 12631
Ion Ratio Lower Upper
92 100
91 178.1 137.3 205.9

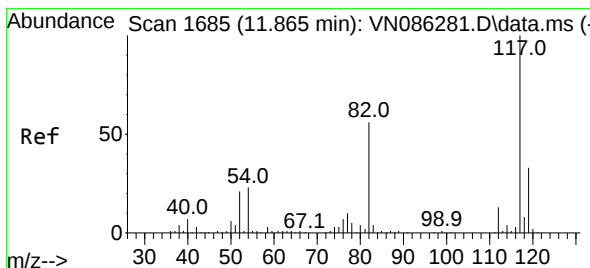
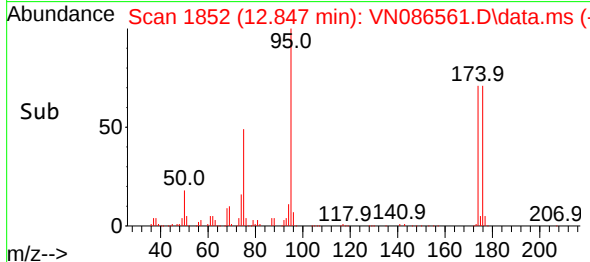
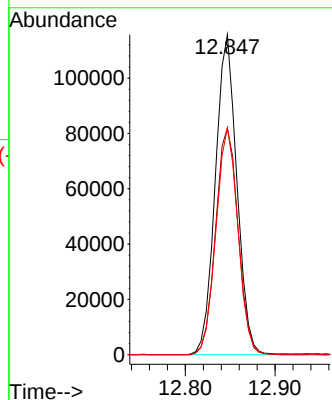
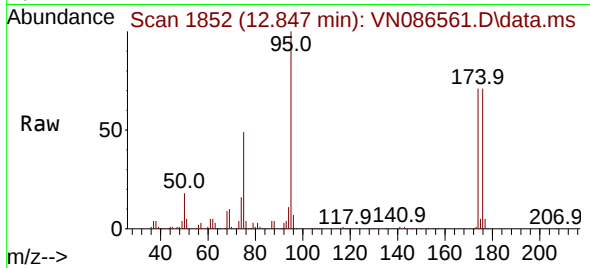




#62
4-Bromofluorobenzene
Concen: 46.461 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086561.D
Acq: 09 May 2025 14:43

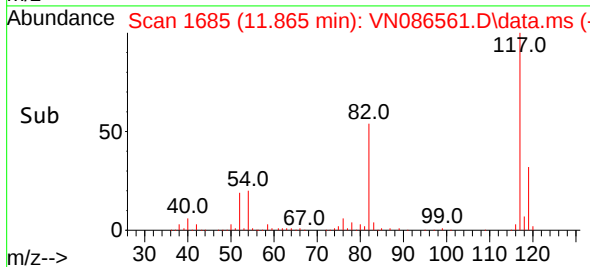
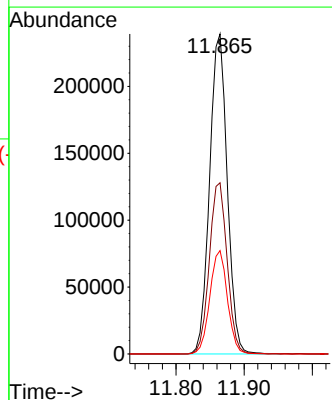
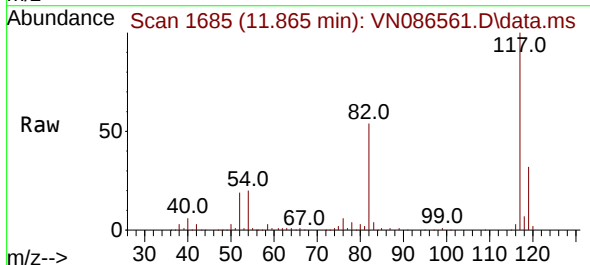
Instrument :
MSVOA_N
ClientSampleId :
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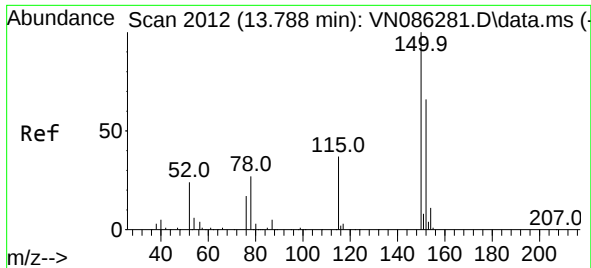
Tgt Ion: 95 Resp: 192500
Ion Ratio Lower Upper
95 100
174 73.9 0.0 133.4
176 72.0 0.0 129.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086561.D
Acq: 09 May 2025 14:43

Tgt Ion: 117 Resp: 430045
Ion Ratio Lower Upper
117 100
82 53.5 44.7 67.1
119 32.3 26.4 39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN086561.D

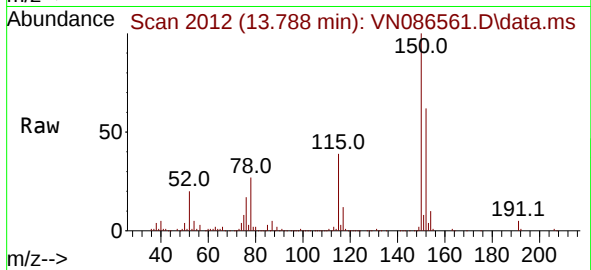
Acq: 09 May 2025 14:43

Instrument :

MSVOA_N

ClientSampleId :

IBLK



Tgt Ion:152 Resp: 194431

Ion Ratio Lower Upper

152 100

115 62.4 31.9 95.9

150 157.6 0.0 352.0

