

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032425\
 Data File : VN086071.D
 Acq On : 24 Mar 2025 14:48
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Mar 25 01:24:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

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

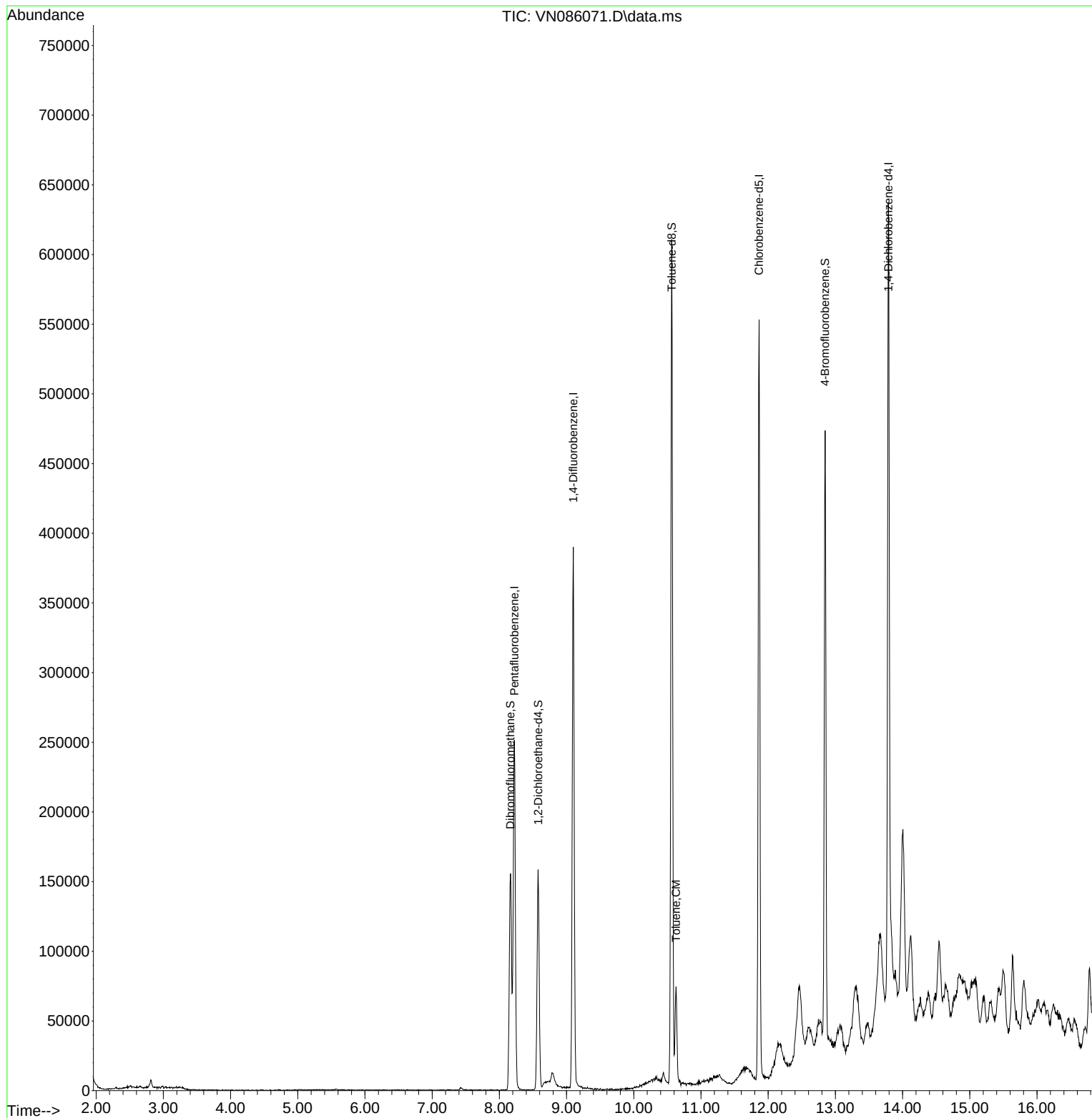
Internal Standards						
1) Pentafluorobenzene	8.224	168	182393	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	333645	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	323430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	158043	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	131044	52.468	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.940%	
35) Dibromofluoromethane	8.165	113	114035	48.967	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.940%	
50) Toluene-d8	10.565	98	429305	50.794	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.580%	
62) 4-Bromofluorobenzene	12.847	95	165177	54.799	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 109.600%	
Target Compounds						Qvalue
52) Toluene	10.629	92	32670	5.530	ug/l	99

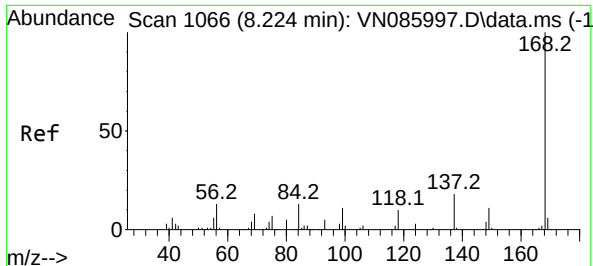
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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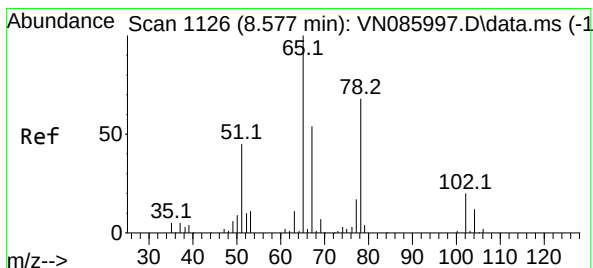
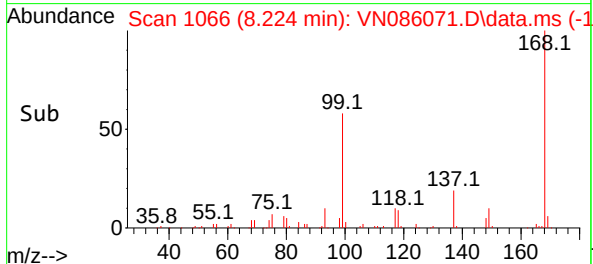
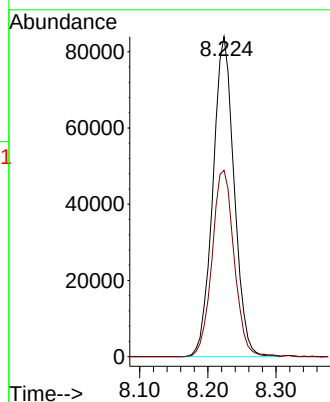
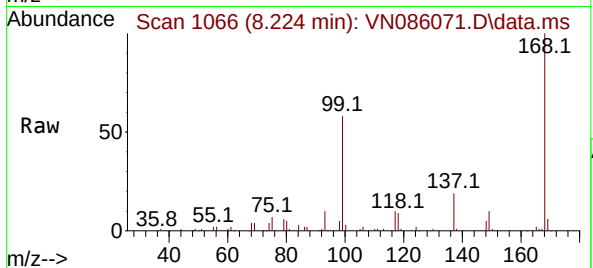




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086071.D
Acq: 24 Mar 2025 14:48

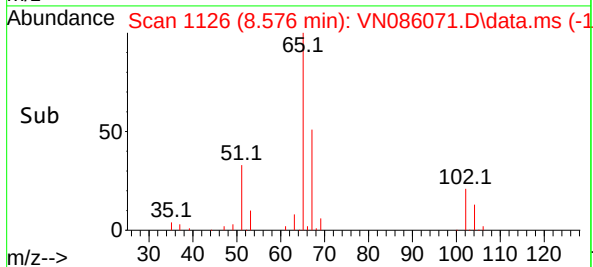
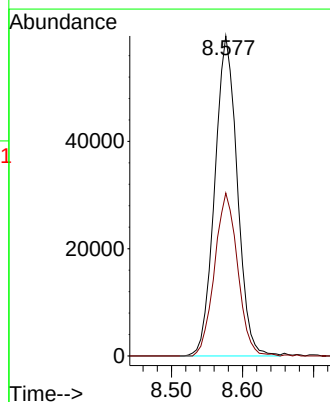
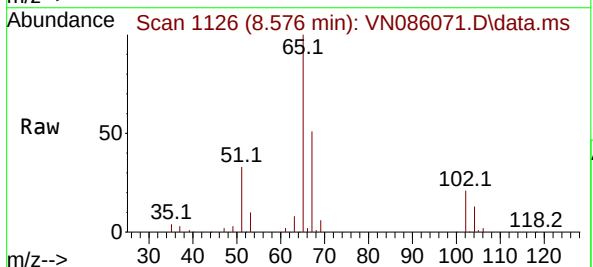
Instrument :
MSVOA_N
ClientSampleId :
IBLK

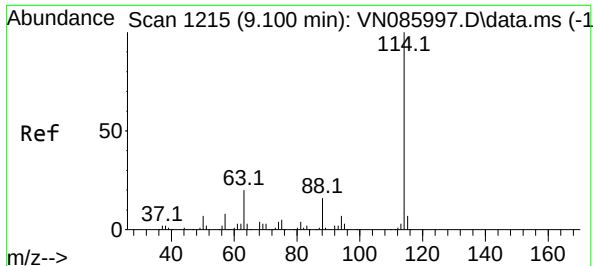
Tgt Ion:168 Resp: 182393
Ion Ratio Lower Upper
168 100
99 58.3 49.4 74.2



#33
1,2-Dichloroethane-d4
Concen: 52.468 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086071.D
Acq: 24 Mar 2025 14:48

Tgt Ion: 65 Resp: 131044
Ion Ratio Lower Upper
65 100
67 52.2 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086071.D

Acq: 24 Mar 2025 14:48

Instrument :

MSVOA_N

ClientSampleId :

IBLK

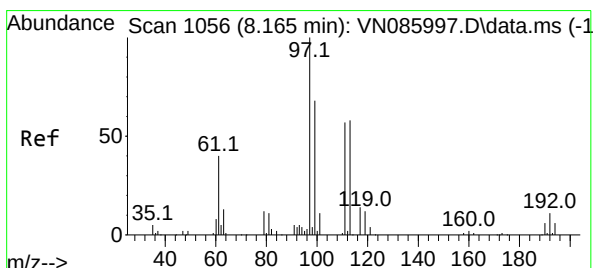
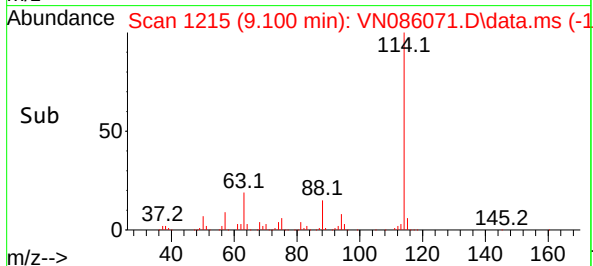
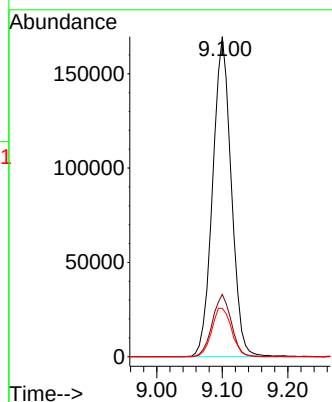
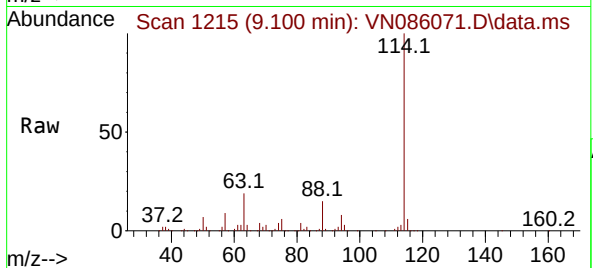
Tgt Ion:114 Resp: 333645

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.6

88 15.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.967 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086071.D

Acq: 24 Mar 2025 14:48

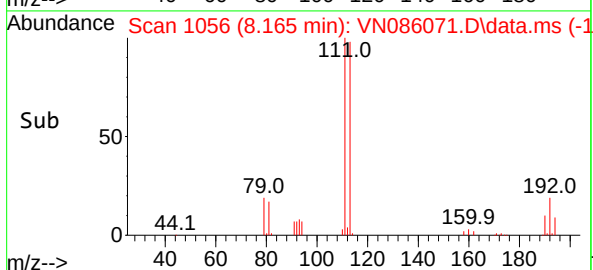
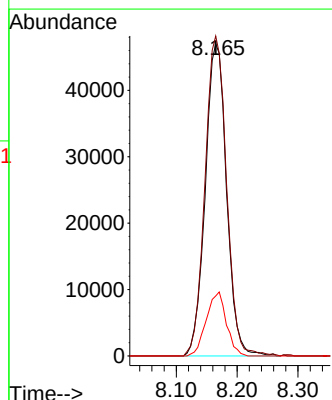
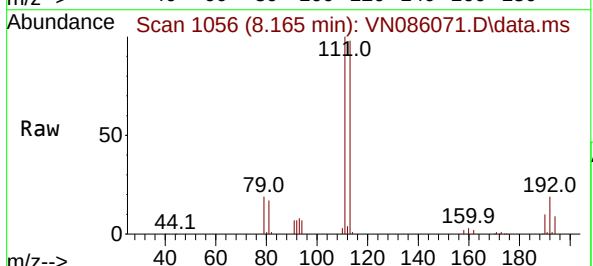
Tgt Ion:113 Resp: 114035

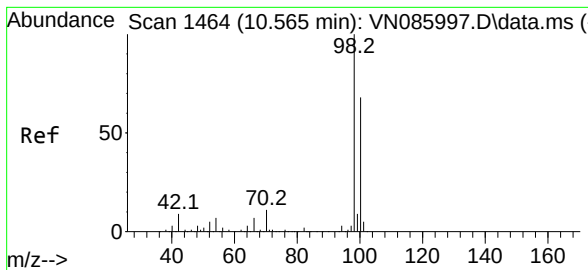
Ion Ratio Lower Upper

113 100

111 103.8 81.8 122.8

192 19.3 15.9 23.9

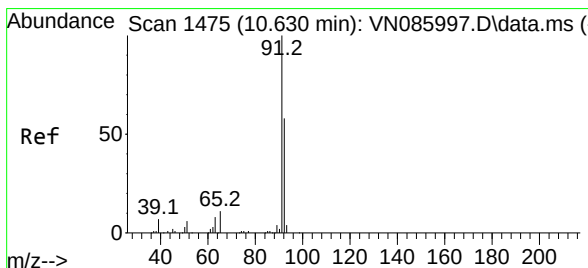
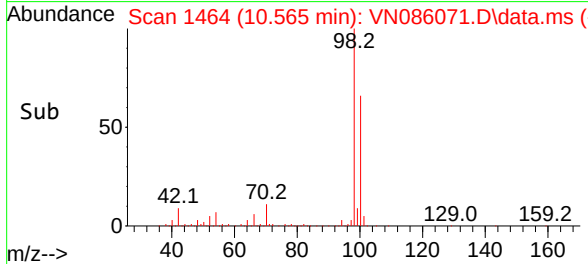
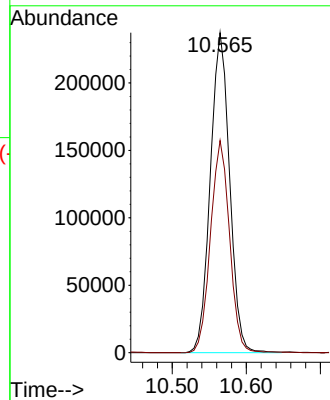
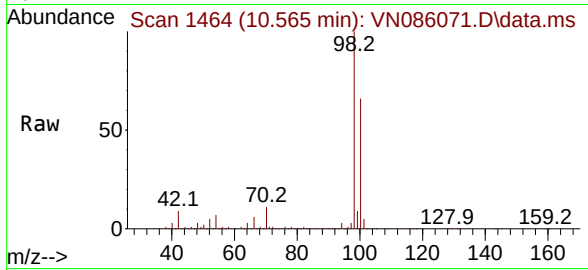




#50
Toluene-d8
Concen: 50.794 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086071.D
Acq: 24 Mar 2025 14:48

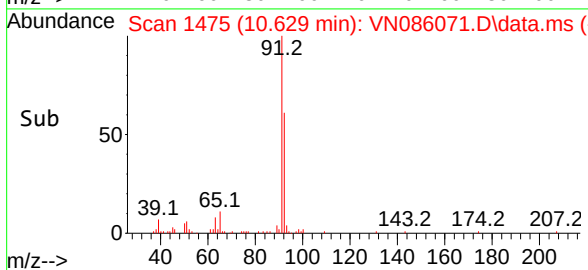
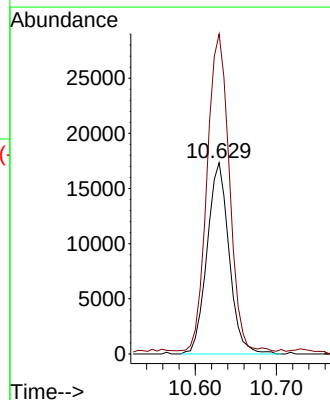
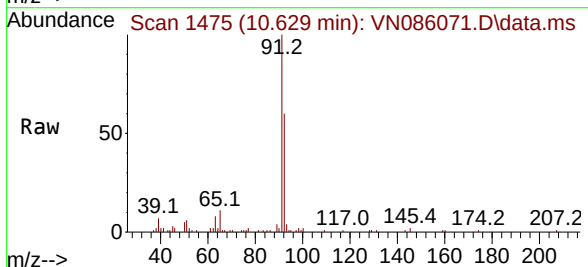
Instrument :
MSVOA_N
ClientSampleId :
IBLK

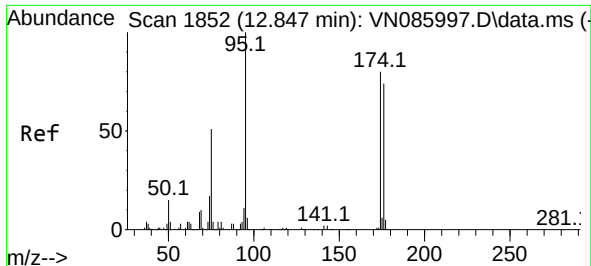
Tgt Ion: 98 Resp: 429305
Ion Ratio Lower Upper
98 100
100 65.4 53.1 79.7



#52
Toluene
Concen: 5.530 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086071.D
Acq: 24 Mar 2025 14:48

Tgt Ion: 92 Resp: 32670
Ion Ratio Lower Upper
92 100
91 168.8 136.2 204.4

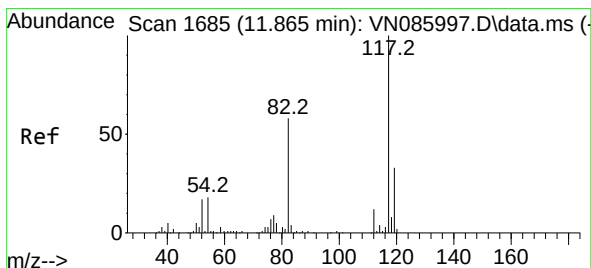
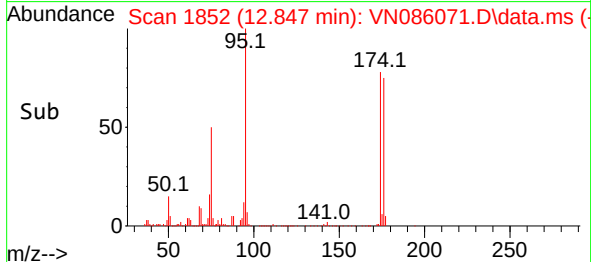
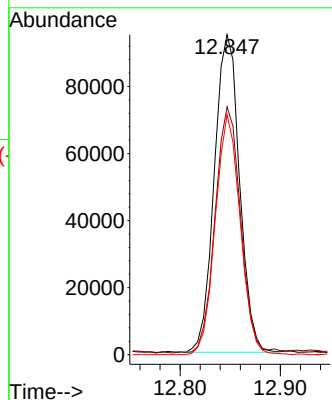
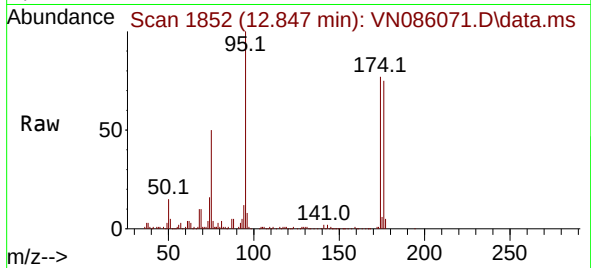




#62
4-Bromofluorobenzene
Concen: 54.799 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086071.D
Acq: 24 Mar 2025 14:48

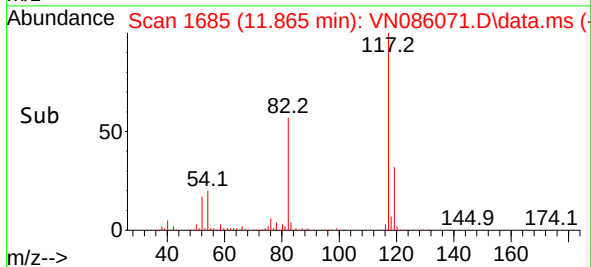
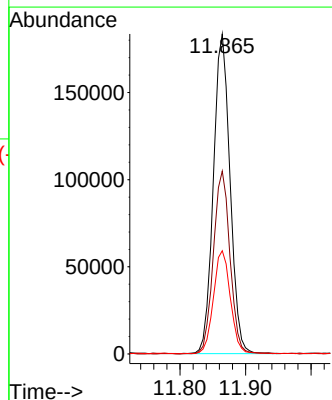
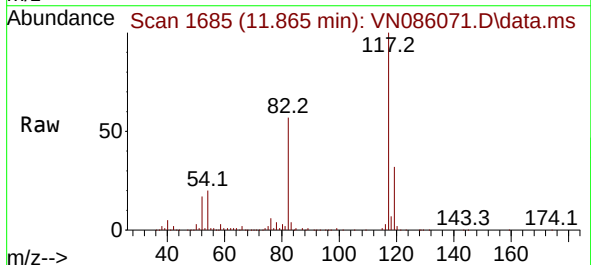
Instrument :
MSVOA_N
ClientSampleId :
IBLK

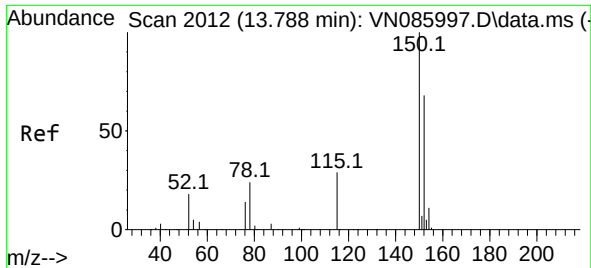
Tgt Ion: 95 Resp: 165177
Ion Ratio Lower Upper
95 100
174 78.3 0.0 156.8
176 74.7 0.0 152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086071.D
Acq: 24 Mar 2025 14:48

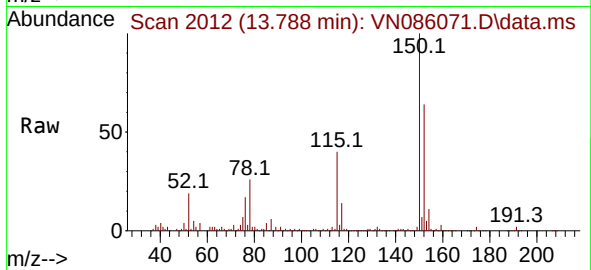
Tgt Ion: 117 Resp: 323430
Ion Ratio Lower Upper
117 100
82 57.2 46.7 70.1
119 32.2 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086071.D
 Acq: 24 Mar 2025 14:48

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



Tgt Ion:152 Resp: 158043
 Ion Ratio Lower Upper
 152 100
 115 63.7 31.1 93.2
 150 159.1 0.0 359.6

