

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061925\
 Data File : VN087112.D
 Acq On : 19 Jun 2025 15:24
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jun 20 01:26:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

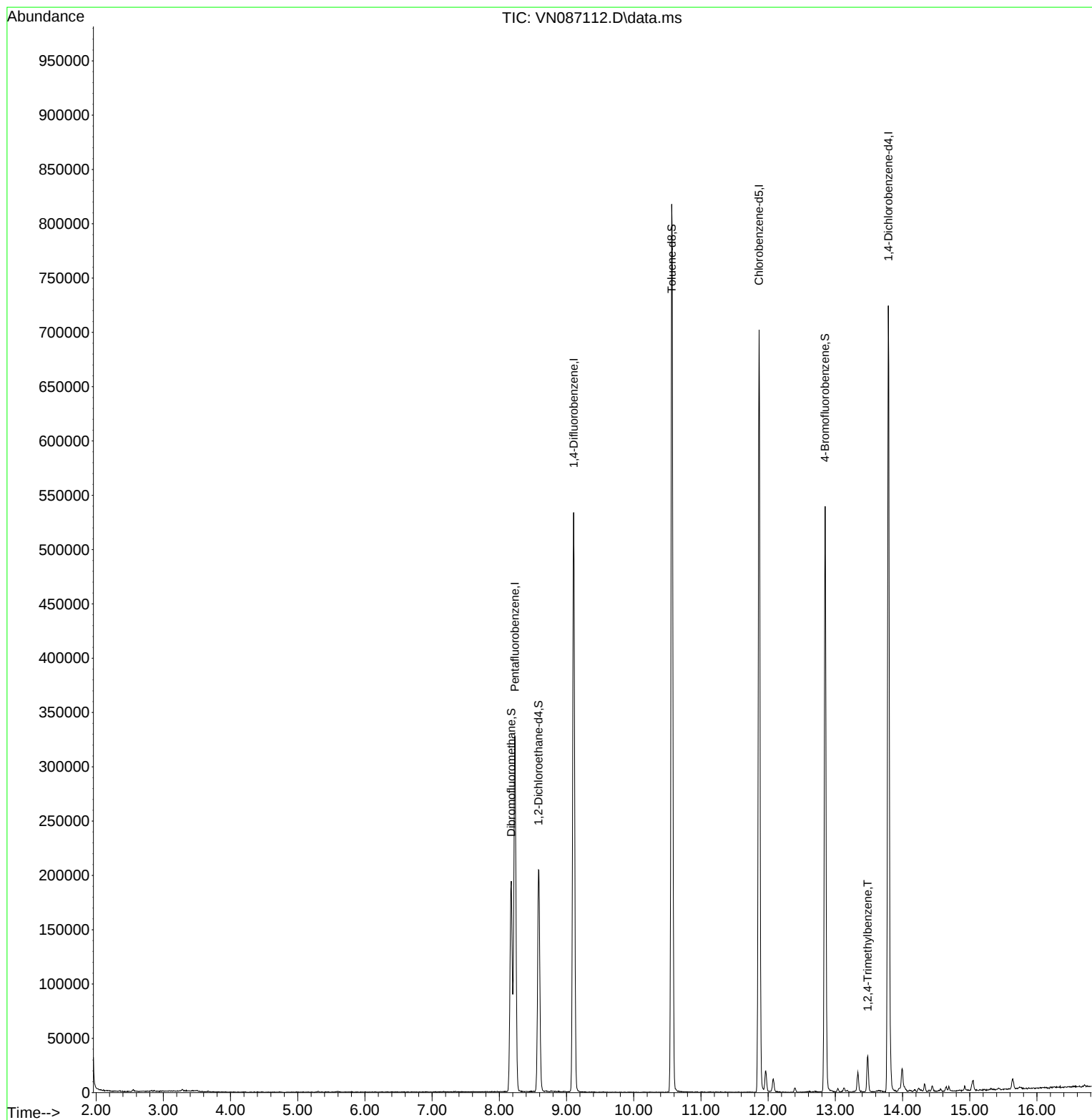
Internal Standards						
1) Pentafluorobenzene	8.230	168	259008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	504715	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	444903	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	216055	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	169566	48.897	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.800%
35) Dibromofluoromethane	8.177	113	148921	49.789	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.580%
50) Toluene-d8	10.565	98	614052	51.859	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.720%
62) 4-Bromofluorobenzene	12.847	95	215954	49.089	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.180%
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.482	105	21134	1.622	ug/l	Qvalue 99

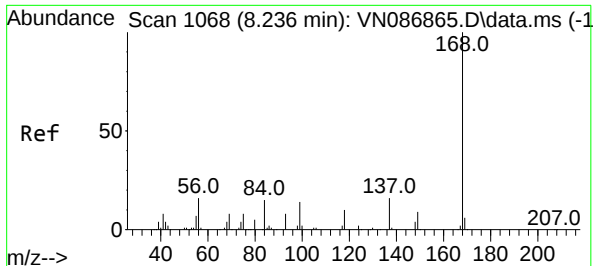
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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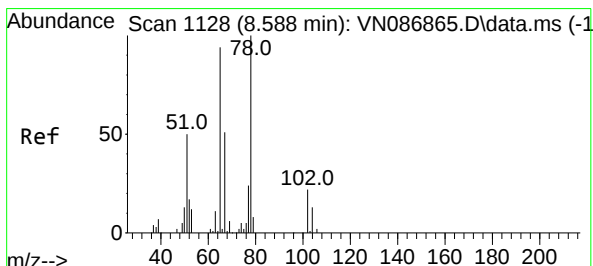
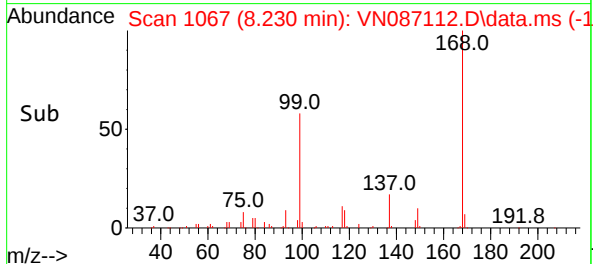
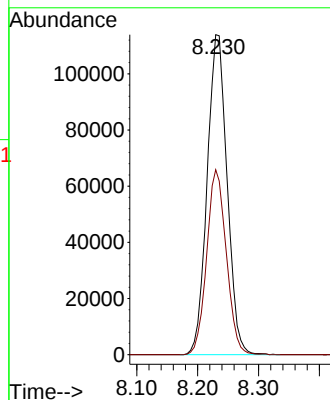
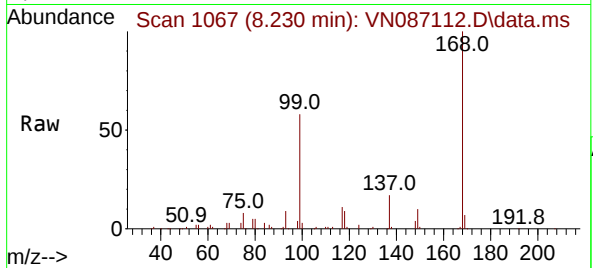




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VN087112.D
Acq: 19 Jun 2025 15:24

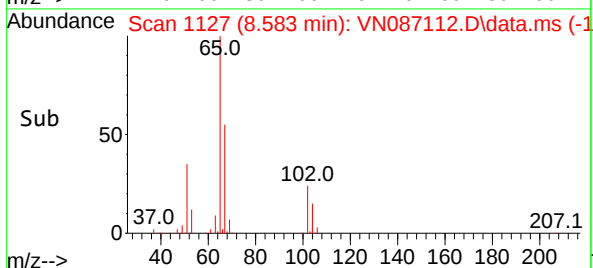
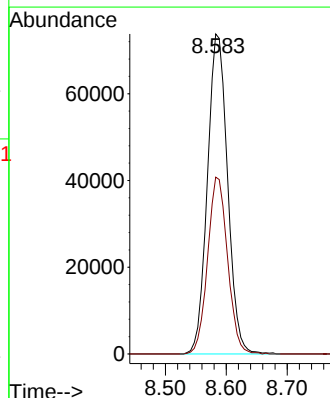
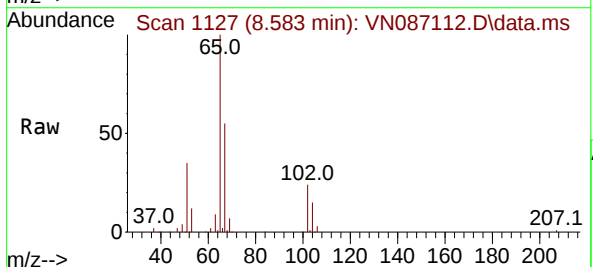
Instrument :
MSVOA_N
ClientSampleId :
IBLK

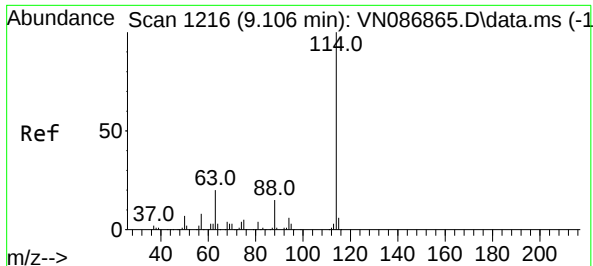
Tgt Ion:168 Resp: 259008
Ion Ratio Lower Upper
168 100
99 57.8 49.1 73.7



#33
1,2-Dichloroethane-d4
Concen: 48.897 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN087112.D
Acq: 19 Jun 2025 15:24

Tgt Ion: 65 Resp: 169566
Ion Ratio Lower Upper
65 100
67 54.7 0.0 105.6

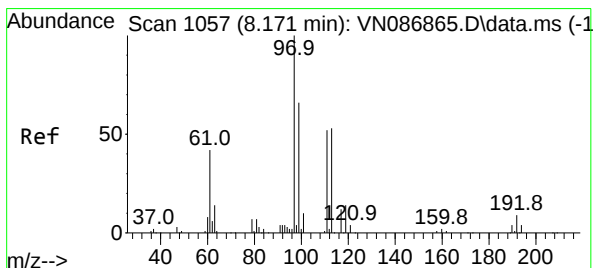
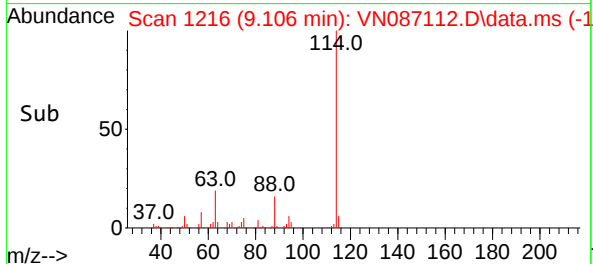
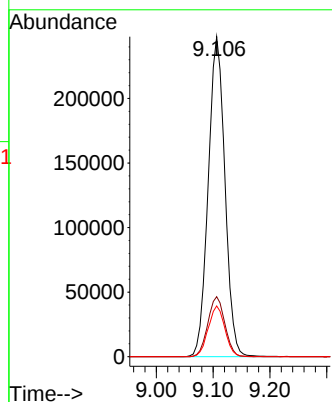
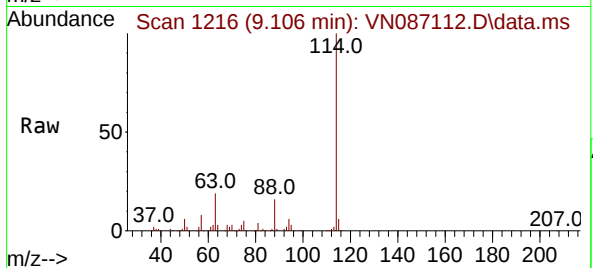




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087112.D
Acq: 19 Jun 2025 15:24

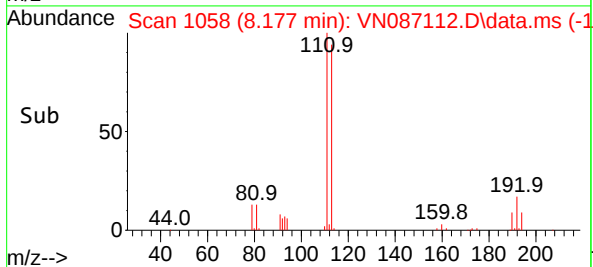
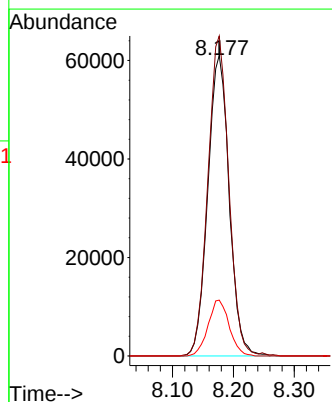
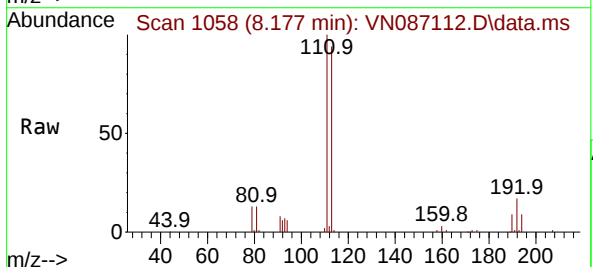
Instrument :
MSVOA_N
ClientSampleId :
IBLK

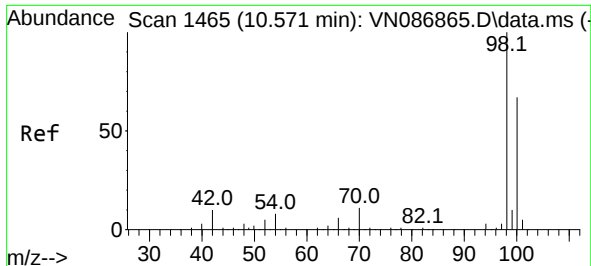
Tgt Ion:114 Resp: 504715
Ion Ratio Lower Upper
114 100
63 18.8 0.0 39.6
88 15.9 0.0 30.2



#35
Dibromofluoromethane
Concen: 49.789 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN087112.D
Acq: 19 Jun 2025 15:24

Tgt Ion:113 Resp: 148921
Ion Ratio Lower Upper
113 100
111 104.6 84.2 126.2
192 18.4 14.2 21.4

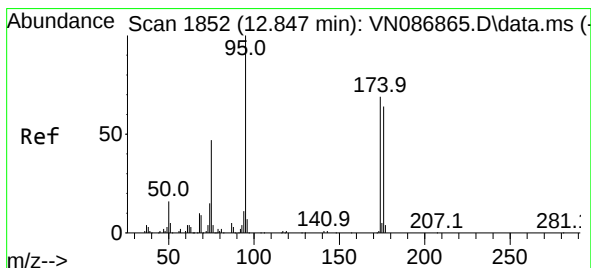
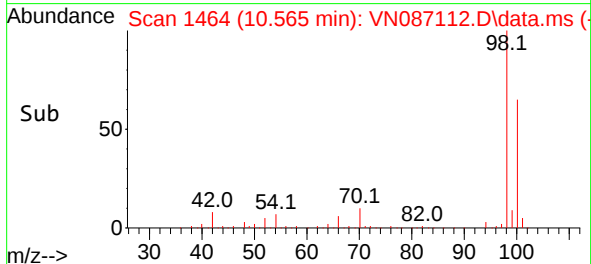
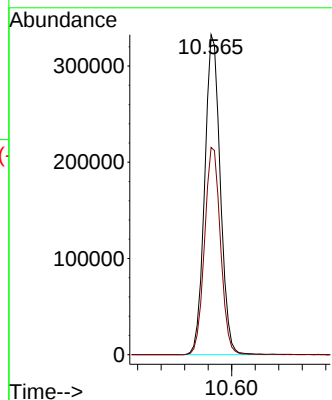
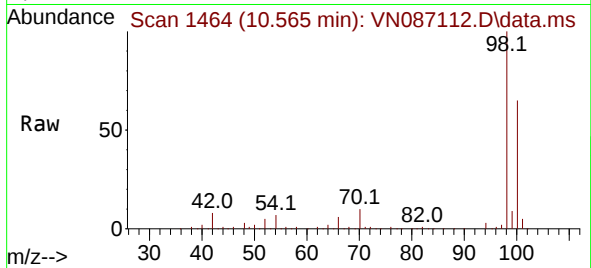




#50
Toluene-d8
Concen: 51.859 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN087112.D
Acq: 19 Jun 2025 15:24

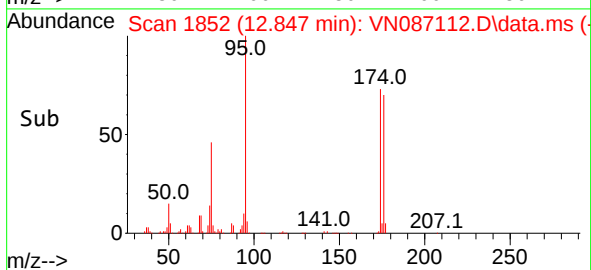
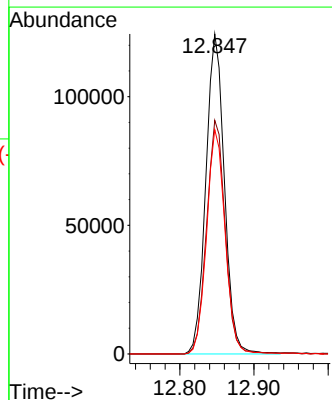
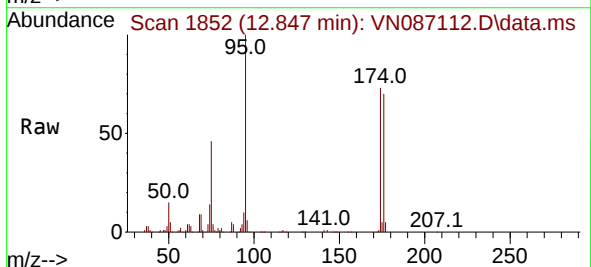
Instrument :
MSVOA_N
ClientSampleId :
IBLK

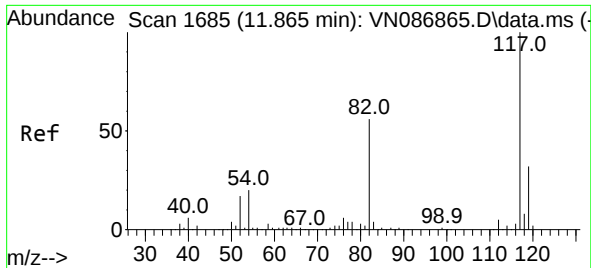
Tgt Ion: 98 Resp: 614052
Ion Ratio Lower Upper
98 100
100 66.2 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 49.089 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087112.D
Acq: 19 Jun 2025 15:24

Tgt Ion: 95 Resp: 215954
Ion Ratio Lower Upper
95 100
174 73.7 0.0 141.8
176 70.1 0.0 132.6

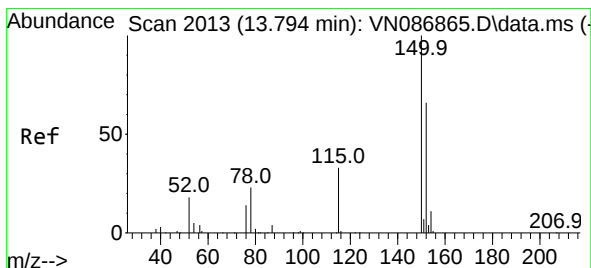
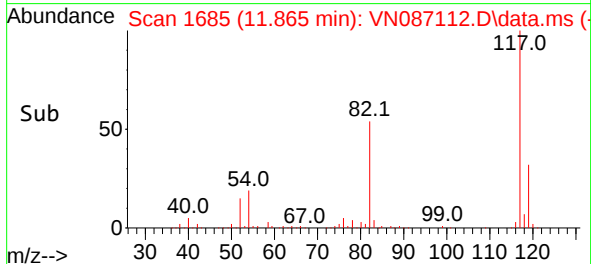
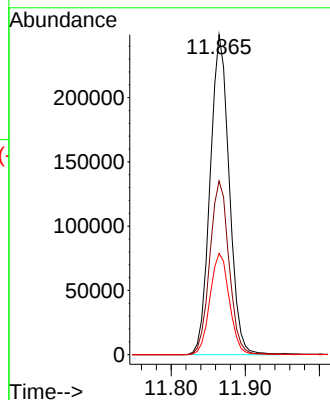
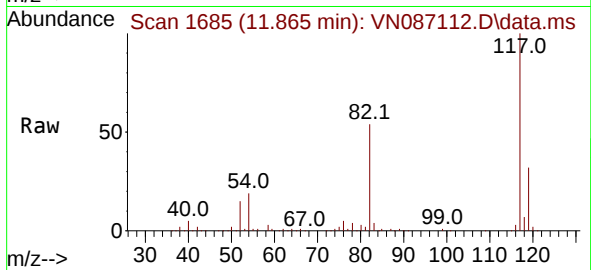




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087112.D
Acq: 19 Jun 2025 15:24

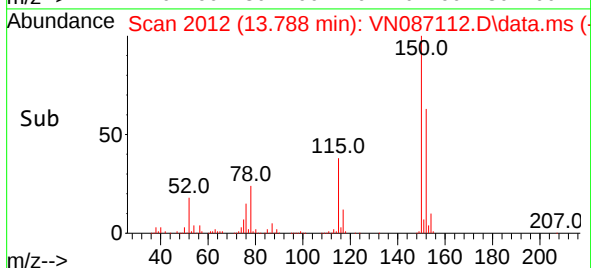
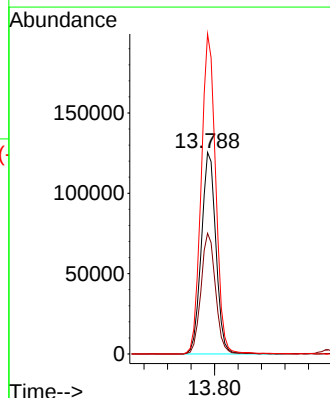
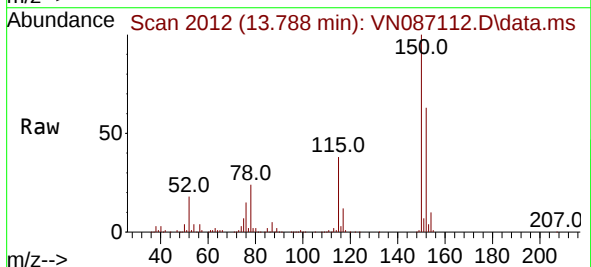
Instrument :
MSVOA_N
ClientSampleId :
IBLK

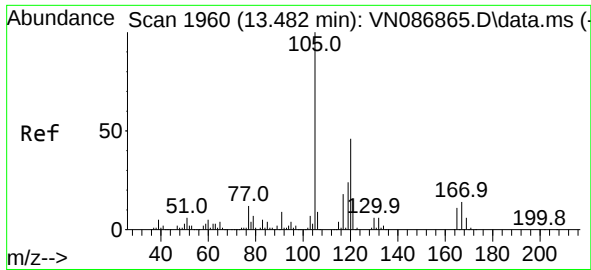
Tgt Ion:117 Resp: 444903
Ion Ratio Lower Upper
117 100
82 54.3 44.6 67.0
119 31.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN087112.D
Acq: 19 Jun 2025 15:24

Tgt Ion:152 Resp: 216055
Ion Ratio Lower Upper
152 100
115 59.9 30.1 90.5
150 158.2 0.0 345.0





#84

1,2,4-Trimethylbenzene

Concen: 1.622 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN087112.D

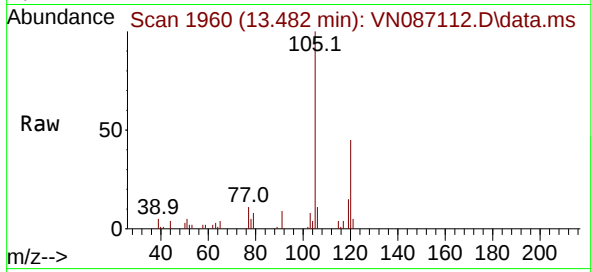
Acq: 19 Jun 2025 15:24

Instrument :

MSVOA_N

ClientSampleId :

IBLK



Tgt Ion:105 Resp: 21134

Ion Ratio Lower Upper

105 100

120 45.5 23.2 69.6

