

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070825\
 Data File : VN087300.D
 Acq On : 08 Jul 2025 15:36
 Operator : JC\MD
 Sample : Q2480-05 1000X
 Misc : 8.59g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GPX5

Quant Time: Jul 09 01:33:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N063025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:15:00 2025
 Response via : Initial Calibration

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

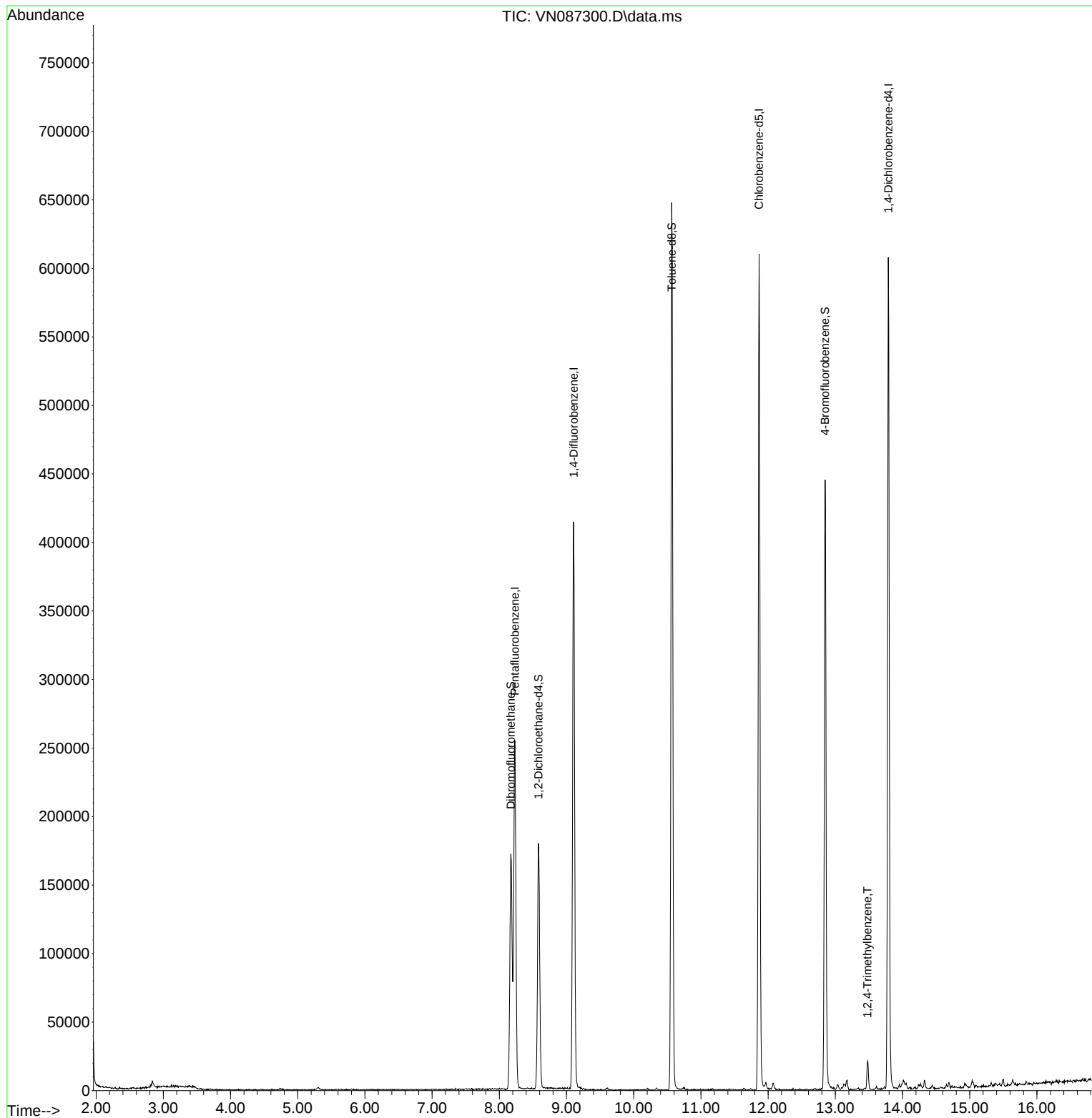
Internal Standards						
1) Pentafluorobenzene	8.230	168	203934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	381036	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	367407	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	171179	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	147457	57.612	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.220%
35) Dibromofluoromethane	8.171	113	125810	51.566	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.140%
50) Toluene-d8	10.565	98	467630	49.173	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.340%
62) 4-Bromofluorobenzene	12.847	95	159406	47.110	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.220%
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.476	105	12439	1.347	ug/l	Qvalue 96

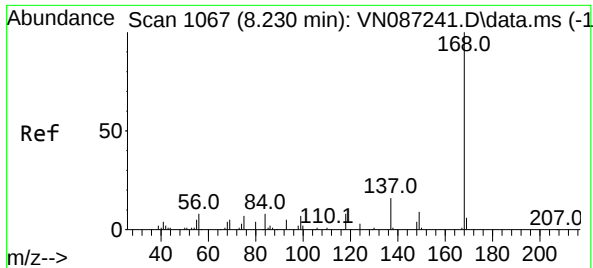
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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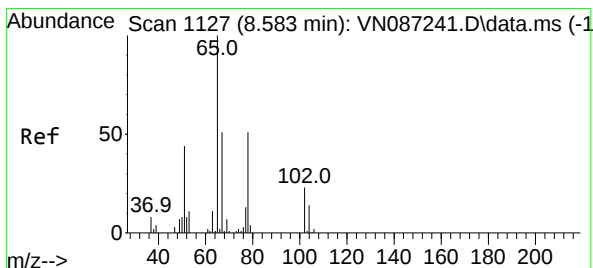
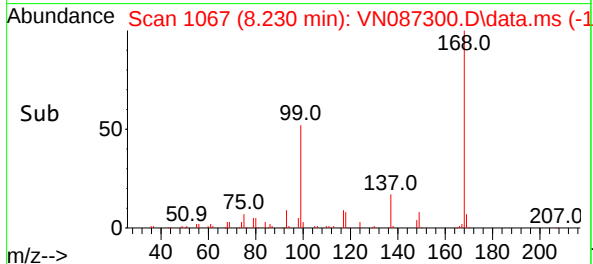
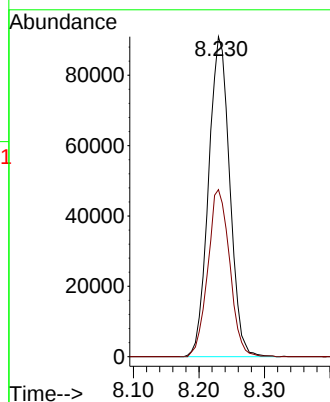
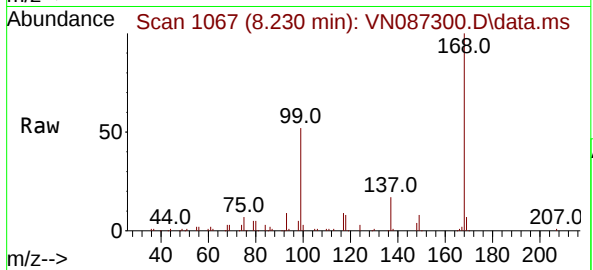




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN087300.D
Acq: 08 Jul 2025 15:36

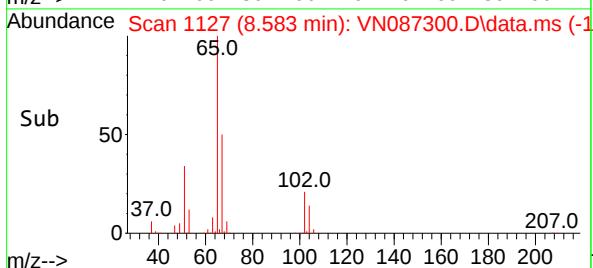
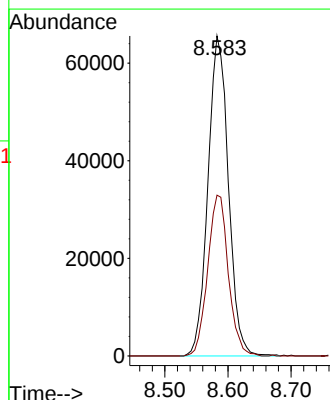
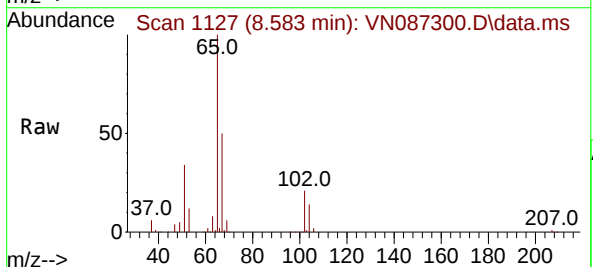
Instrument :
MSVOA_N
ClientSampleId :
GPX5

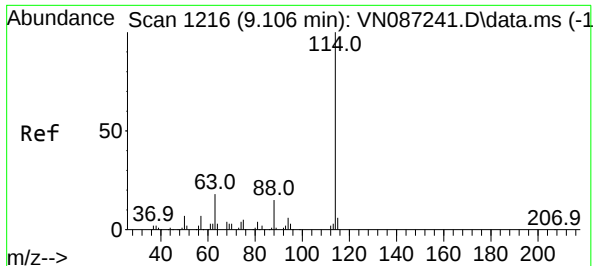
Tgt Ion:168 Resp: 203934
Ion Ratio Lower Upper
168 100
99 52.2 42.6 64.0



#33
1,2-Dichloroethane-d4
Concen: 57.612 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN087300.D
Acq: 08 Jul 2025 15:36

Tgt Ion: 65 Resp: 147457
Ion Ratio Lower Upper
65 100
67 50.7 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087300.D

Acq: 08 Jul 2025 15:36

Instrument :

MSVOA_N

ClientSampleId :

GPX5

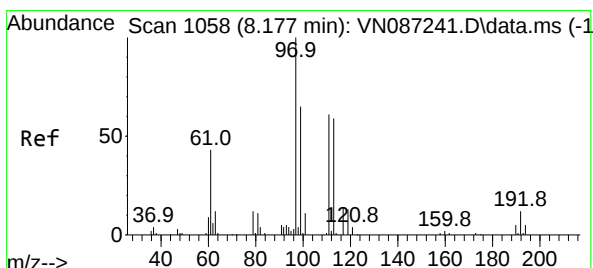
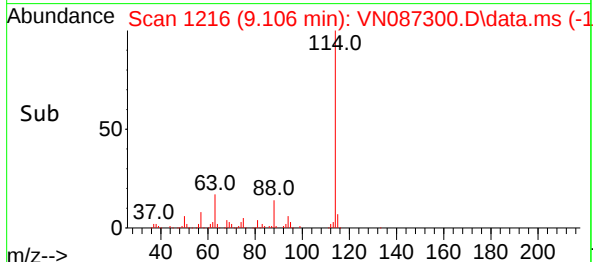
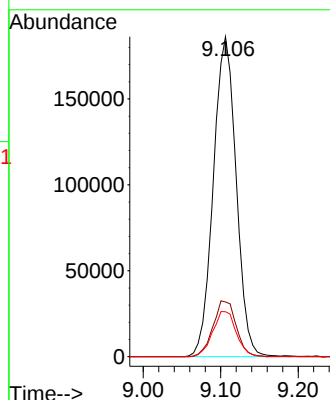
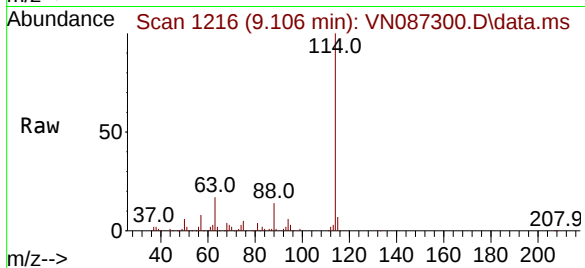
Tgt Ion:114 Resp: 381036

Ion Ratio Lower Upper

114 100

63 17.1 0.0 36.6

88 14.0 0.0 29.6



#35

Dibromofluoromethane

Concen: 51.566 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN087300.D

Acq: 08 Jul 2025 15:36

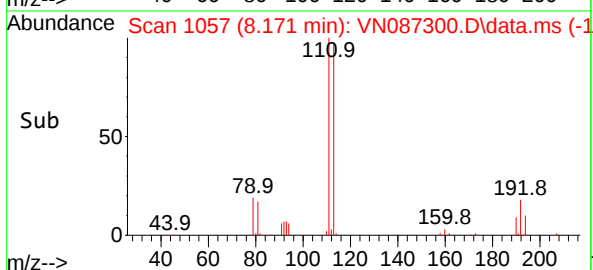
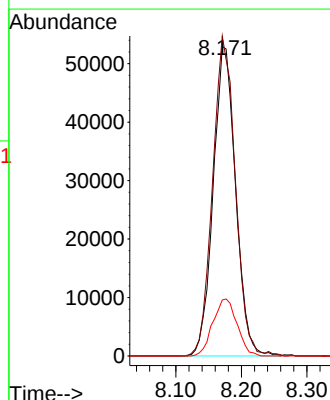
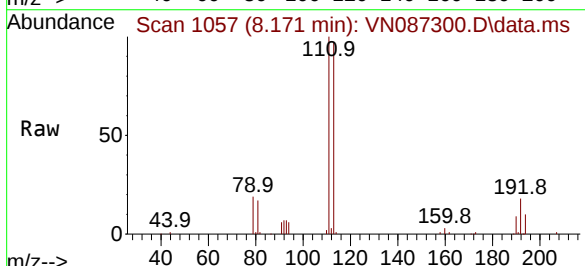
Tgt Ion:113 Resp: 125810

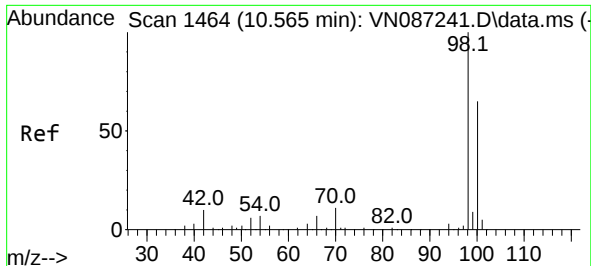
Ion Ratio Lower Upper

113 100

111 104.6 81.4 122.2

192 19.8 15.1 22.7

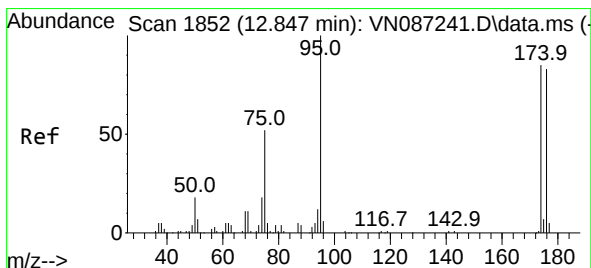
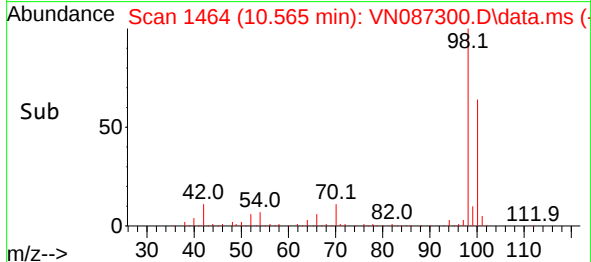
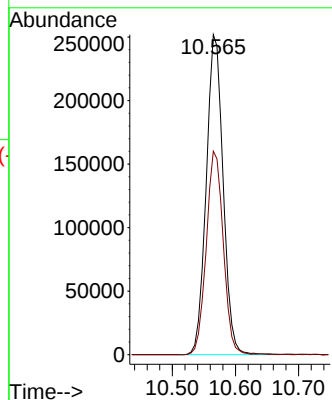
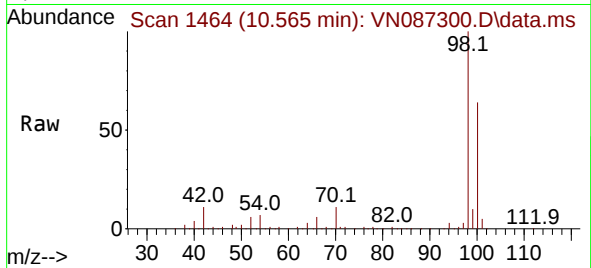




#50
Toluene-d8
Concen: 49.173 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN087300.D
Acq: 08 Jul 2025 15:36

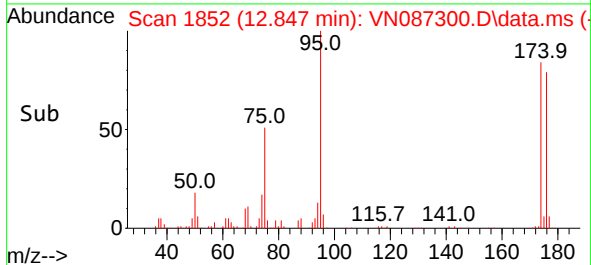
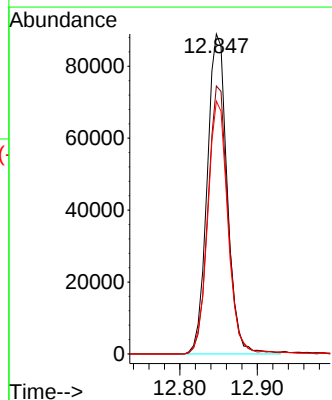
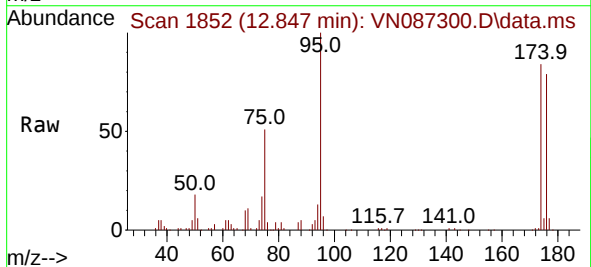
Instrument :
MSVOA_N
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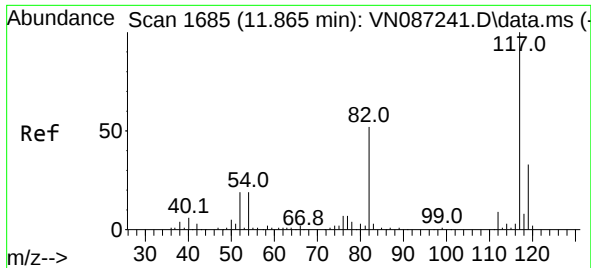
Tgt Ion: 98 Resp: 467630
Ion Ratio Lower Upper
98 100
100 64.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.110 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN087300.D
Acq: 08 Jul 2025 15:36

Tgt Ion: 95 Resp: 159406
Ion Ratio Lower Upper
95 100
174 83.7 0.0 169.6
176 80.1 0.0 161.6

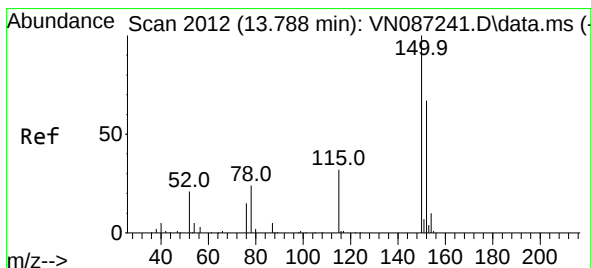
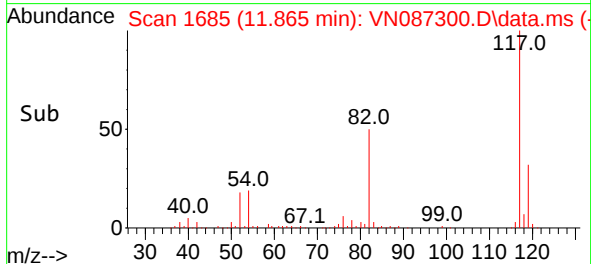
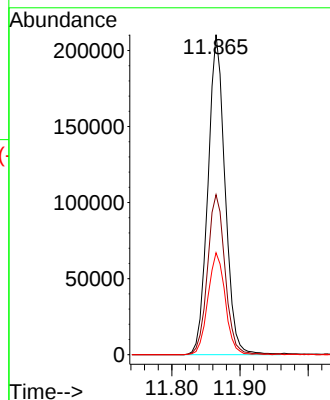
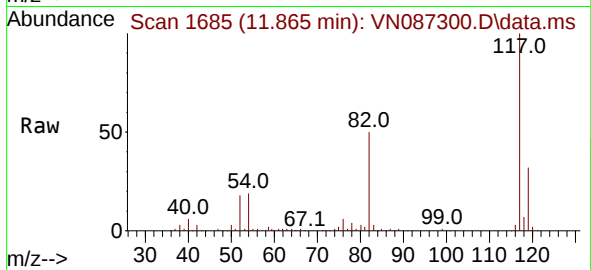




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN087300.D
Acq: 08 Jul 2025 15:36

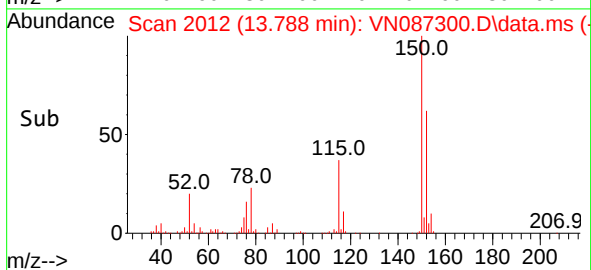
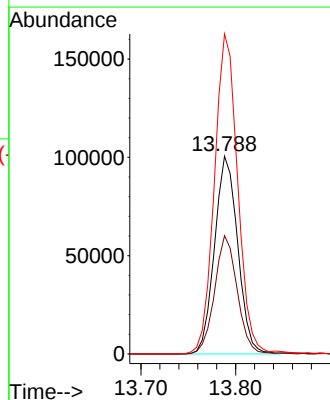
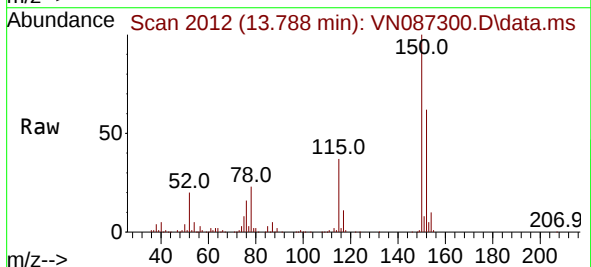
Instrument :
MSVOA_N
ClientSampleId :
GPX5

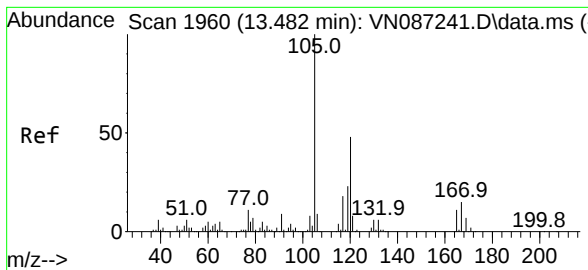
Tgt Ion:117 Resp: 367407
Ion Ratio Lower Upper
117 100
82 50.0 41.9 62.9
119 31.8 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN087300.D
Acq: 08 Jul 2025 15:36

Tgt Ion:152 Resp: 171179
Ion Ratio Lower Upper
152 100
115 58.6 28.3 84.9
150 162.8 0.0 344.6





#84
 1,2,4-Trimethylbenzene
 Concen: 1.347 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. -0.006 min
 Lab File: VN087300.D
 Acq: 08 Jul 2025 15:36

Instrument :
 MSVOA_N
 ClientSampleId :
 GPX5

Tgt Ion:105 Resp: 12439
 Ion Ratio Lower Upper
 105 100
 120 43.9 23.3 69.9

