

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070825\
 Data File : VN087302.D
 Acq On : 08 Jul 2025 16:18
 Operator : JC\MD
 Sample : Q2480-07 1000X
 Misc : 7.88g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GPX7

Quant Time: Jul 09 01:34:21 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	8.229	168	204543	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	390740	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	323106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	260034	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	152268	59.314	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	118.620%
35) Dibromofluoromethane	8.171	113	129151	51.620	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.240%
50) Toluene-d8	10.565	98	573614	58.820	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	117.640%#
62) 4-Bromofluorobenzene	12.847	95	238448	68.720	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	137.440%#

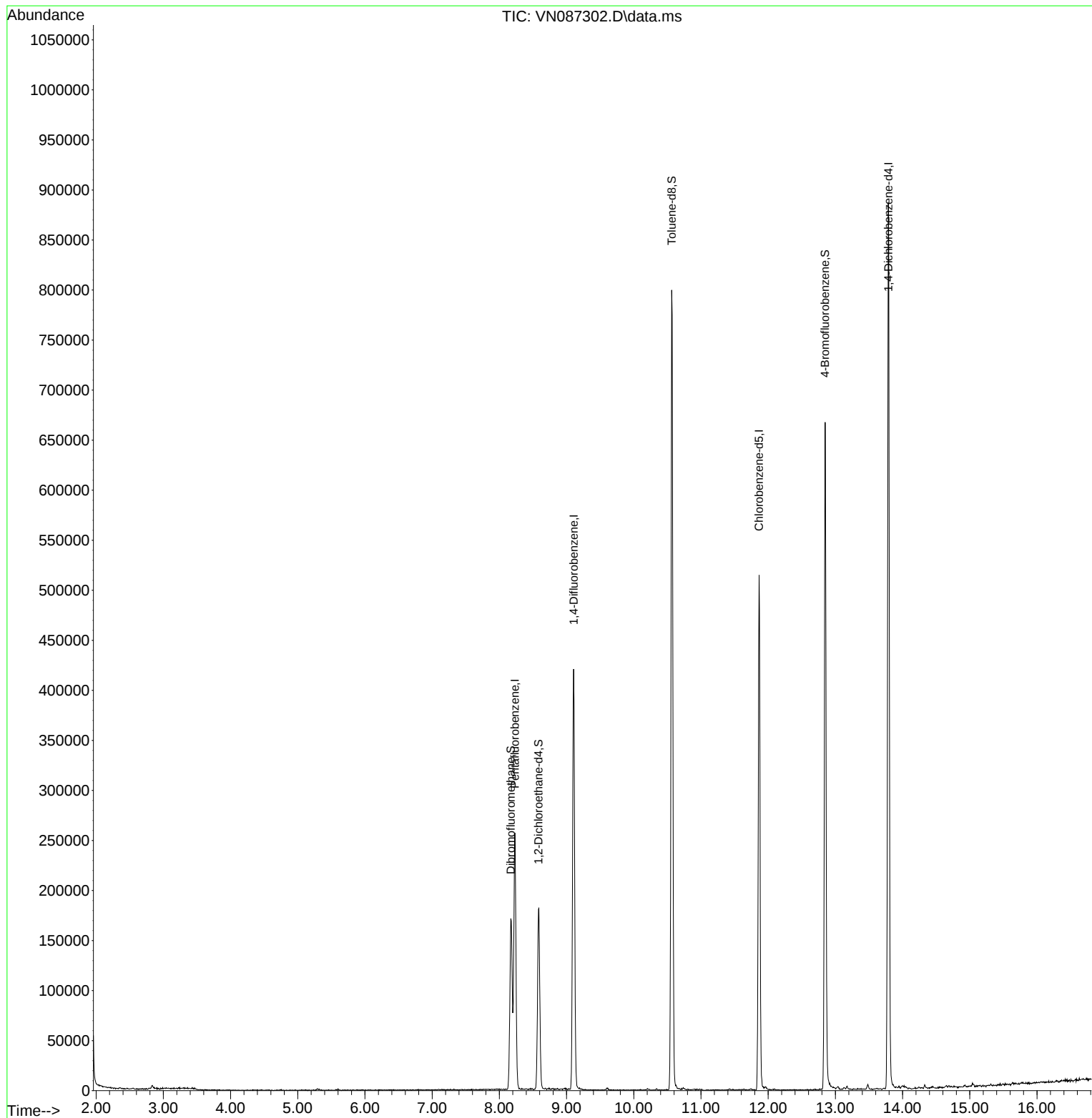
Target Compounds	Qvalue

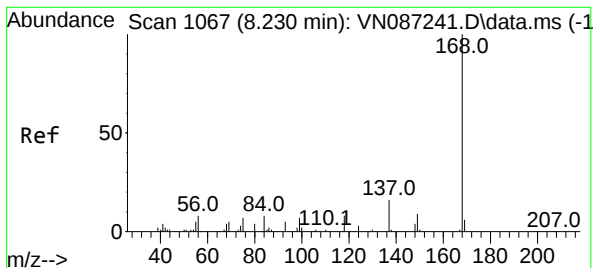
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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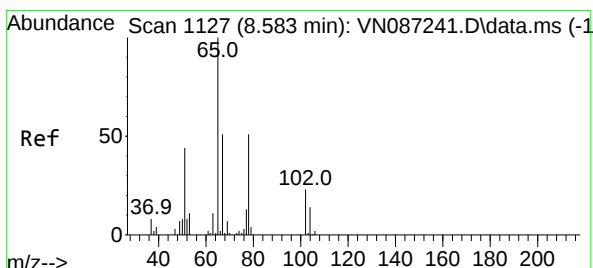
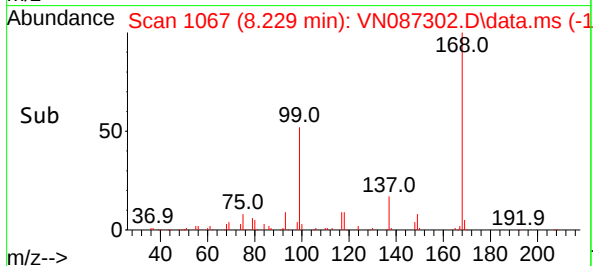
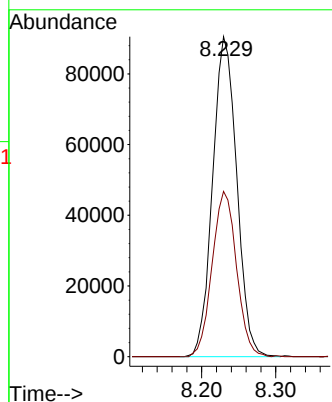
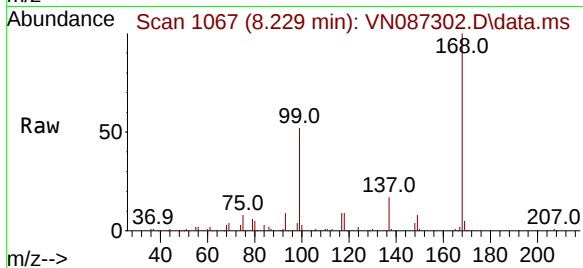




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN087302.D
Acq: 08 Jul 2025 16:18

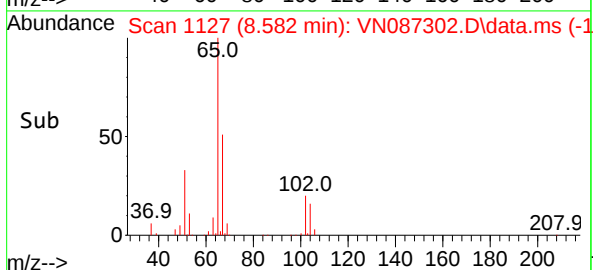
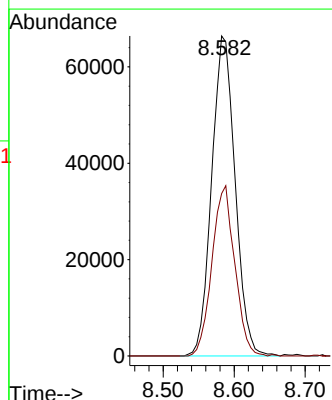
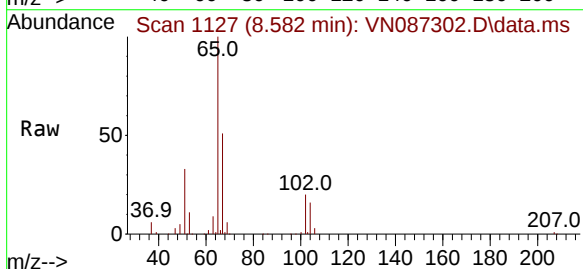
Instrument :
MSVOA_N
ClientSampleId :
GPX7

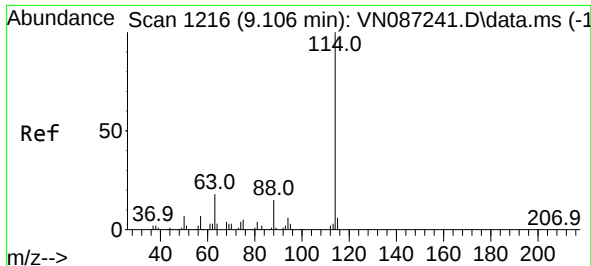
Tgt Ion:168 Resp: 204543
Ion Ratio Lower Upper
168 100
99 51.6 42.6 64.0



#33
1,2-Dichloroethane-d4
Concen: 59.314 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN087302.D
Acq: 08 Jul 2025 16:18

Tgt Ion: 65 Resp: 152268
Ion Ratio Lower Upper
65 100
67 51.6 0.0 102.6

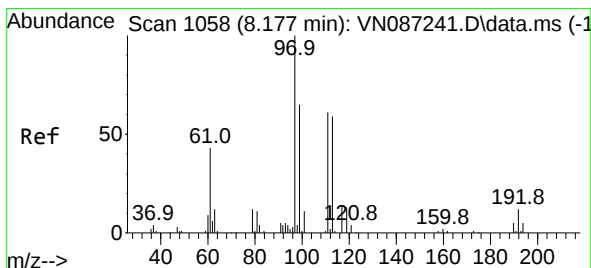
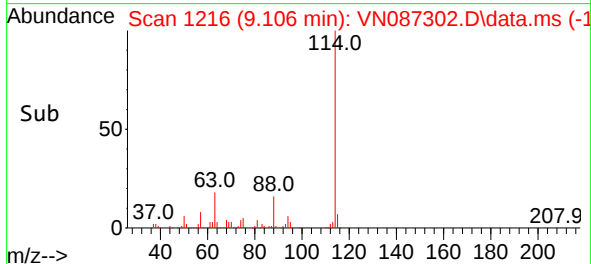
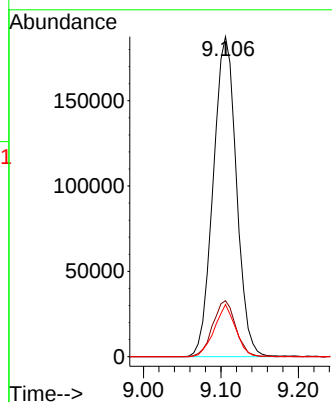
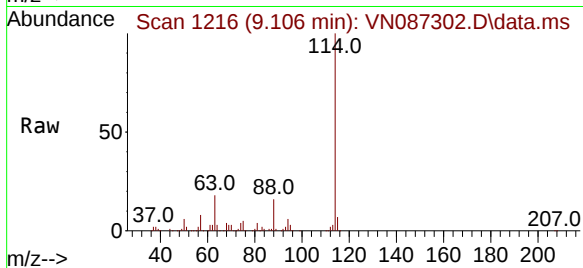




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087302.D
Acq: 08 Jul 2025 16:18

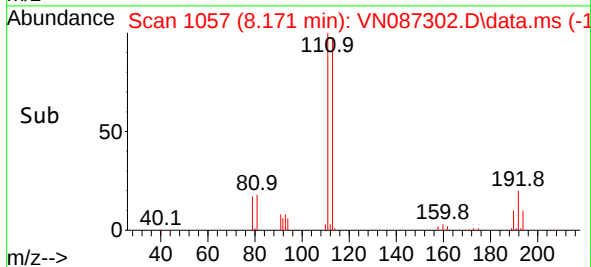
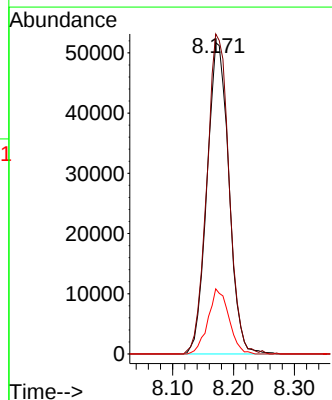
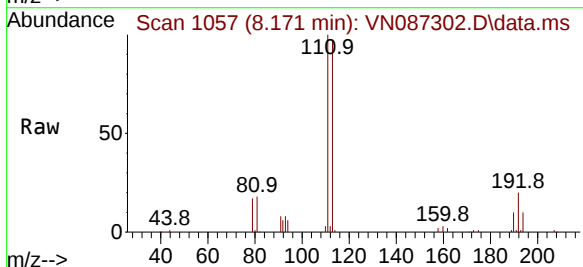
Instrument :
MSVOA_N
ClientSampleId :
GPX7

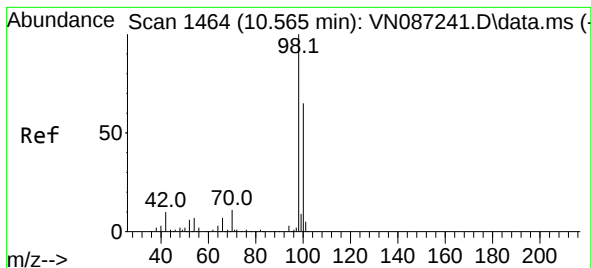
Tgt Ion:114 Resp: 390740
Ion Ratio Lower Upper
114 100
63 17.5 0.0 36.6
88 16.3 0.0 29.6



#35
Dibromofluoromethane
Concen: 51.620 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN087302.D
Acq: 08 Jul 2025 16:18

Tgt Ion:113 Resp: 129151
Ion Ratio Lower Upper
113 100
111 103.9 81.4 122.2
192 19.9 15.1 22.7

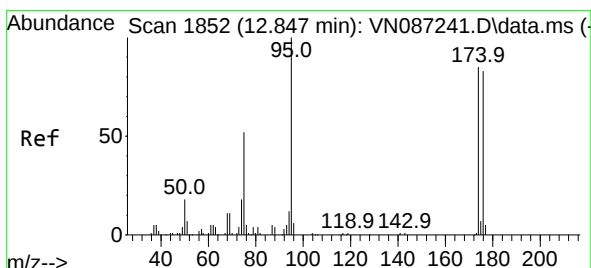
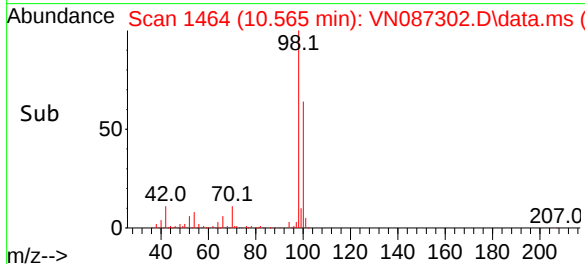
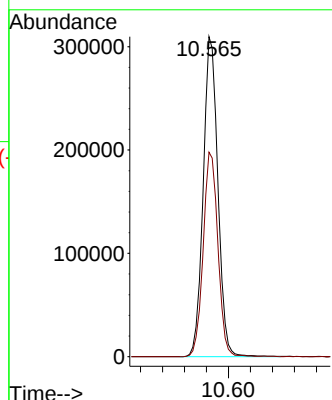
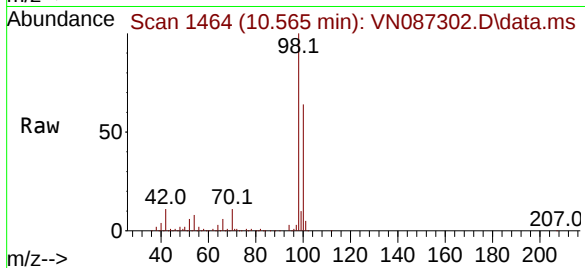




#50
Toluene-d8
Concen: 58.820 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN087302.D
Acq: 08 Jul 2025 16:18

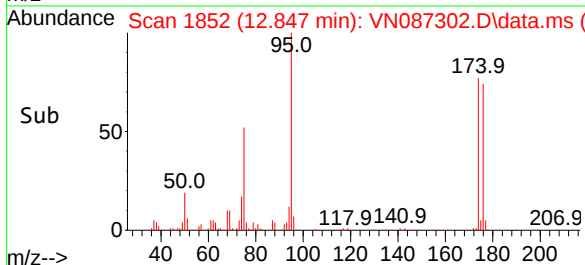
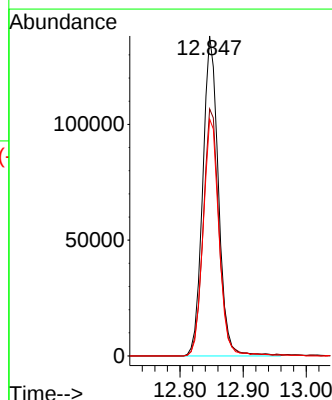
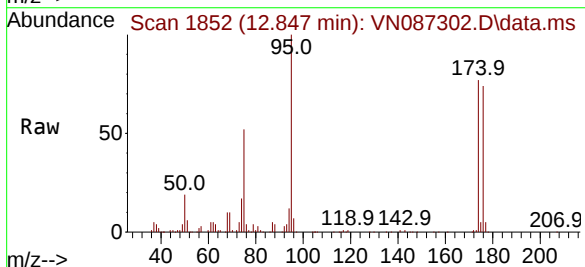
Instrument :
MSVOA_N
ClientSampleId :
GPX7

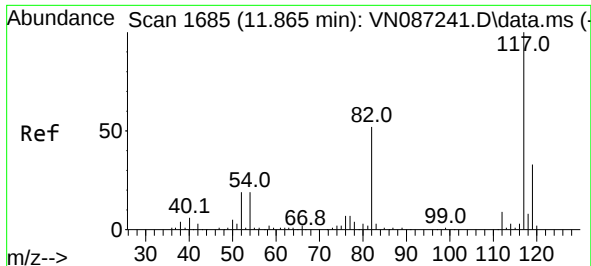
Tgt Ion: 98 Resp: 573614
Ion Ratio Lower Upper
98 100
100 64.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 68.720 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087302.D
Acq: 08 Jul 2025 16:18

Tgt Ion: 95 Resp: 238448
Ion Ratio Lower Upper
95 100
174 78.2 0.0 169.6
176 74.9 0.0 161.6

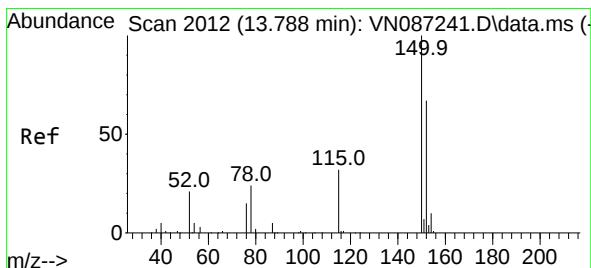
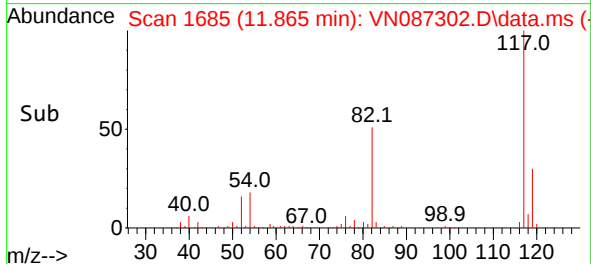
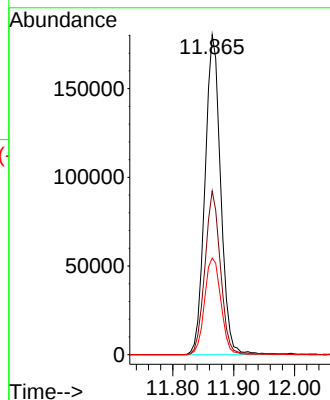
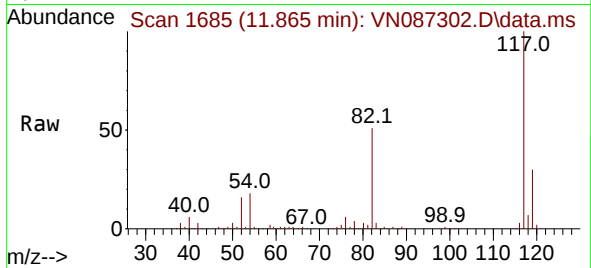




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087302.D
Acq: 08 Jul 2025 16:18

Instrument :
MSVOA_N
ClientSampleId :
GPX7

Tgt Ion:117 Resp: 323106
Ion Ratio Lower Upper
117 100
82 51.1 41.9 62.9
119 30.2 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: VN087302.D
Acq: 08 Jul 2025 16:18

Tgt Ion:152 Resp: 260034
Ion Ratio Lower Upper
152 100
115 59.0 28.3 84.9
150 157.2 0.0 344.6

