

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092625\
 Data File : VN087962.D
 Acq On : 26 Sep 2025 13:28
 Operator : JC\MD
 Sample : VN0926MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926MBL01

Quant Time: Sep 27 01:23:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 05:05:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	162664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.088	114	347321	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	343510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	155432	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	157311	57.465	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.920%
35) Dibromofluoromethane	8.147	113	136897	54.287	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.580%
50) Toluene-d8	10.547	98	450950	50.851	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.700%
62) 4-Bromofluorobenzene	12.829	95	147526	46.541	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.080%

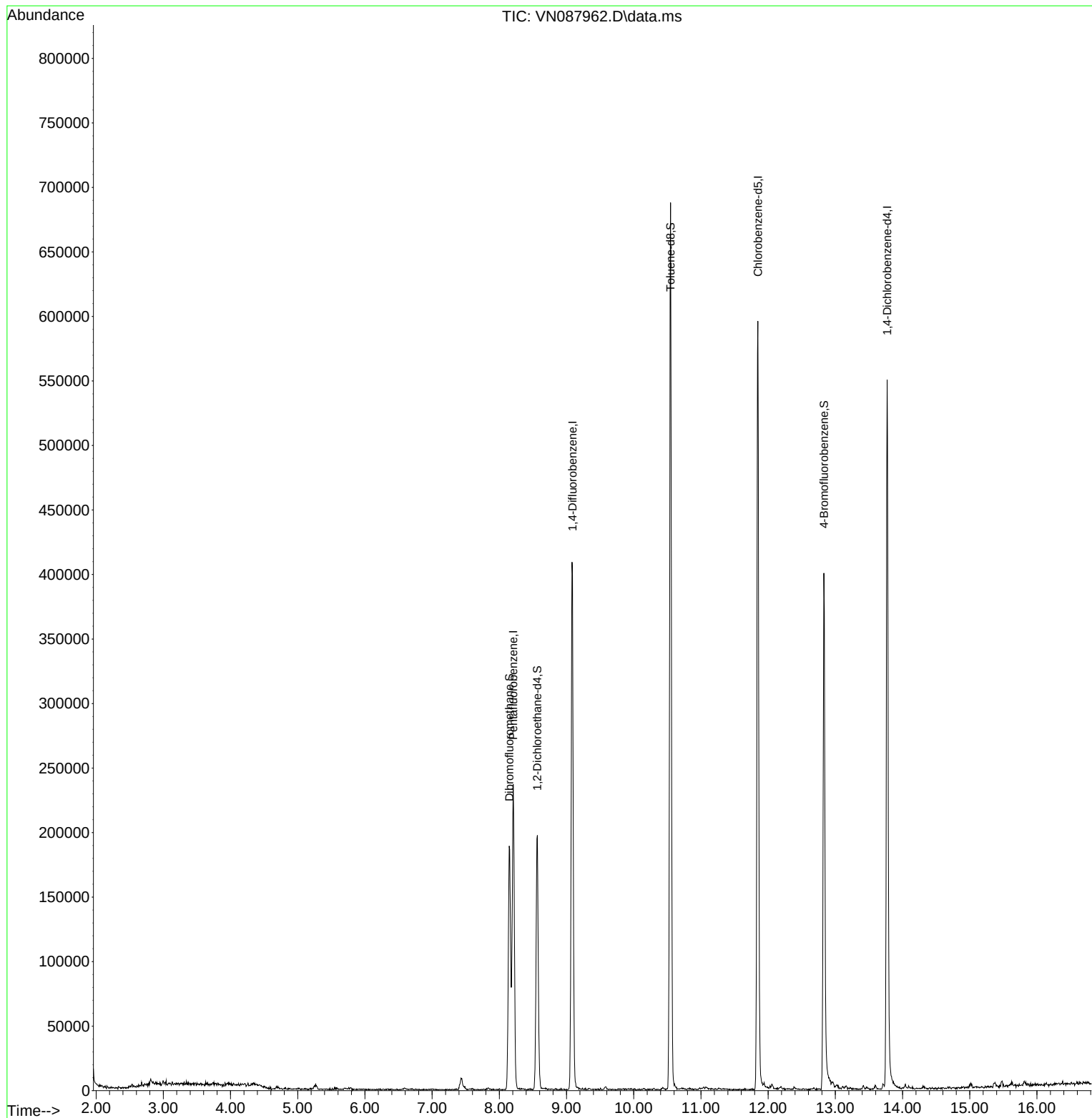
Target Compounds	Qvalue

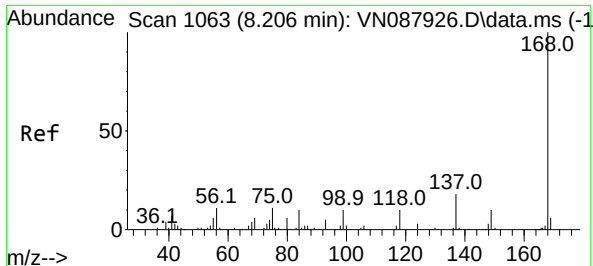
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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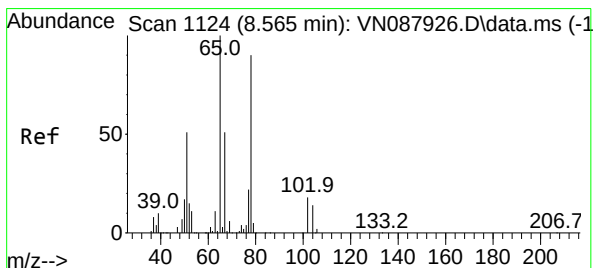
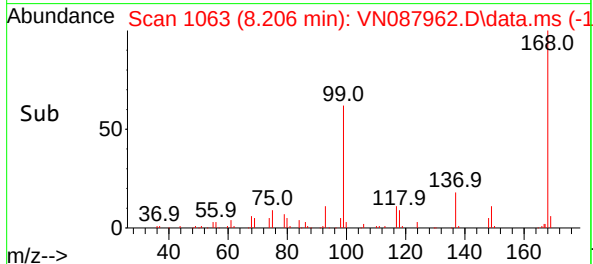
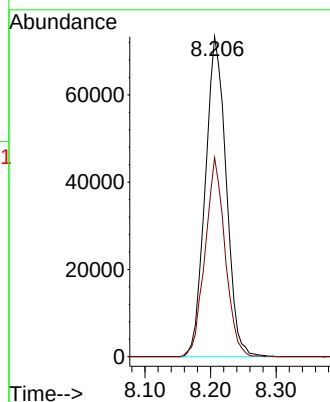
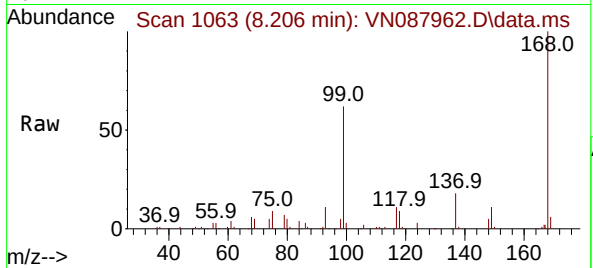




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087962.D
Acq: 26 Sep 2025 13:28

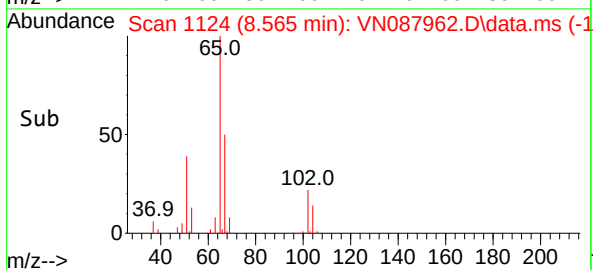
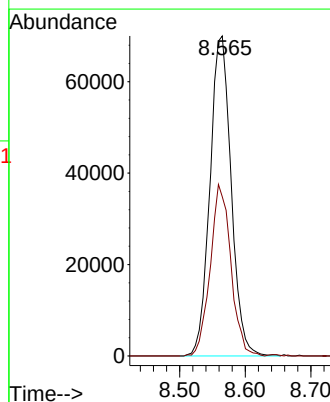
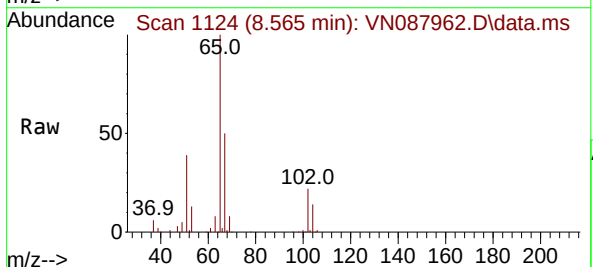
Instrument :
MSVOA_N
ClientSampleId :
VN0926MBL01

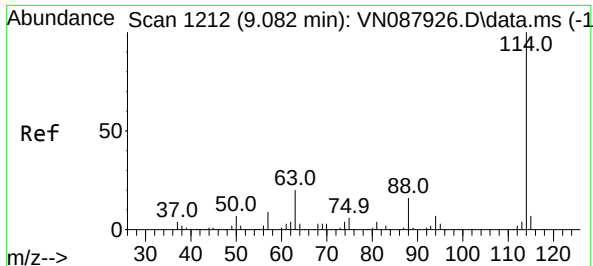
Tgt Ion:168 Resp: 162664
Ion Ratio Lower Upper
168 100
99 62.2 52.2 78.2



#33
1,2-Dichloroethane-d4
Concen: 57.465 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.000 min
Lab File: VN087962.D
Acq: 26 Sep 2025 13:28

Tgt Ion: 65 Resp: 157311
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.088 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087962.D

Acq: 26 Sep 2025 13:28

Instrument :

MSVOA_N

ClientSampleId :

VN0926MBL01

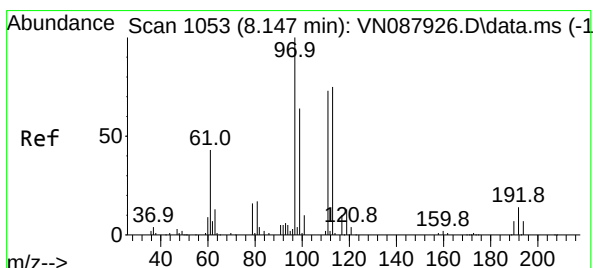
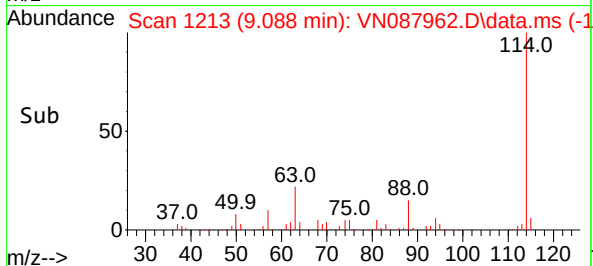
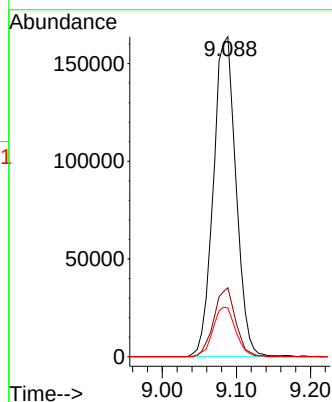
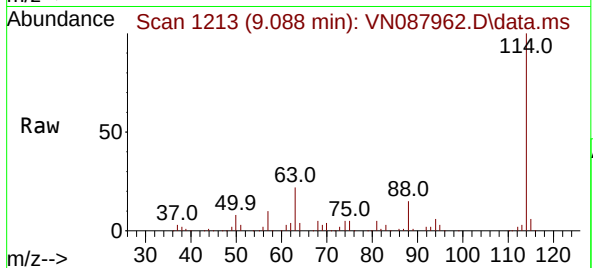
Tgt Ion:114 Resp: 347321

Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.0

88 15.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 54.287 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VN087962.D

Acq: 26 Sep 2025 13:28

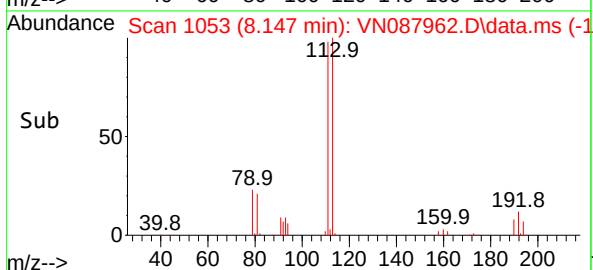
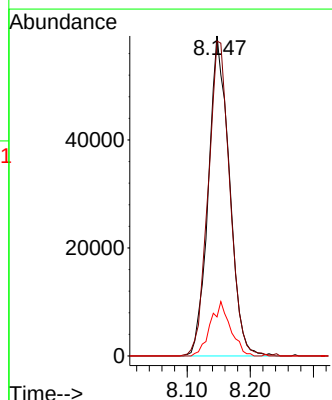
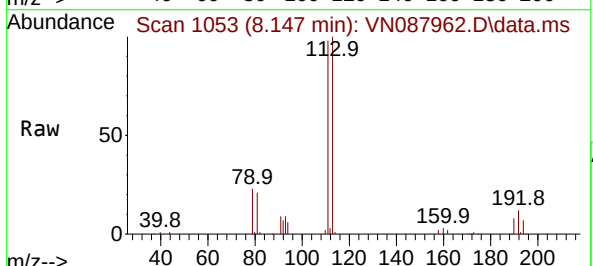
Tgt Ion:113 Resp: 136897

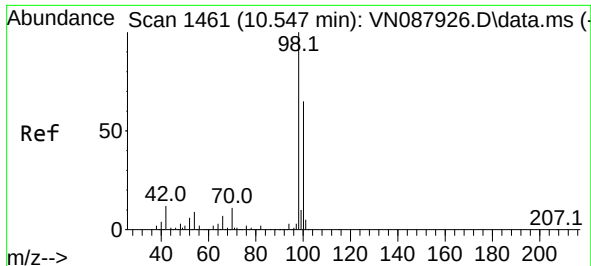
Ion Ratio Lower Upper

113 100

111 101.1 82.2 123.2

192 16.3 14.2 21.2

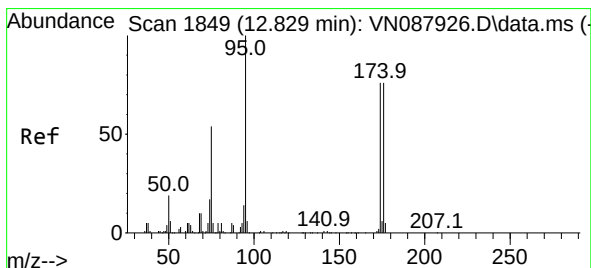
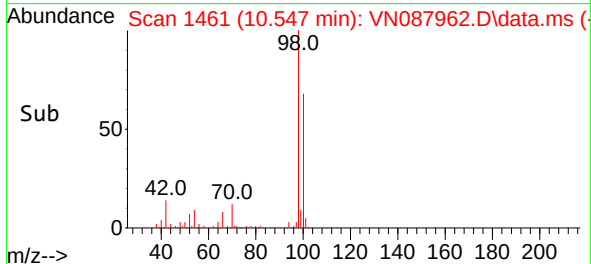
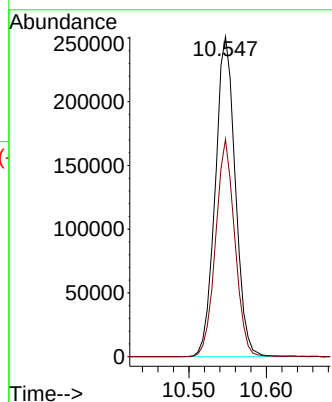
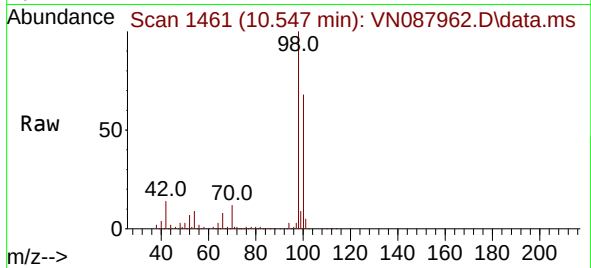




#50
Toluene-d8
Concen: 50.851 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087962.D
Acq: 26 Sep 2025 13:28

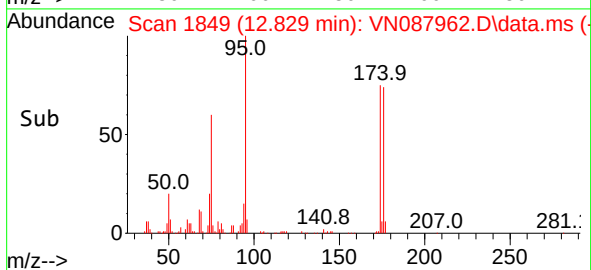
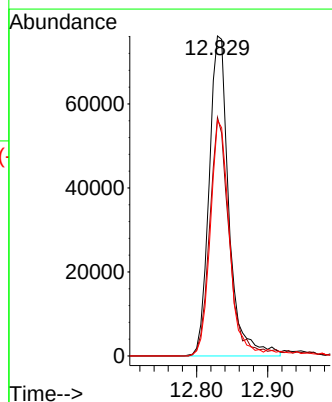
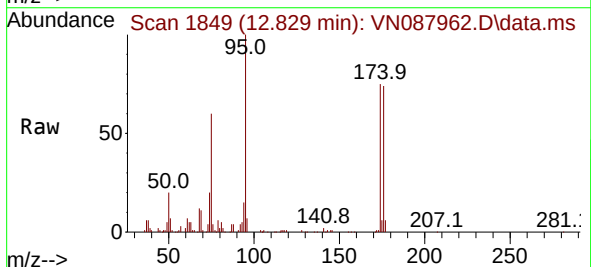
Instrument :
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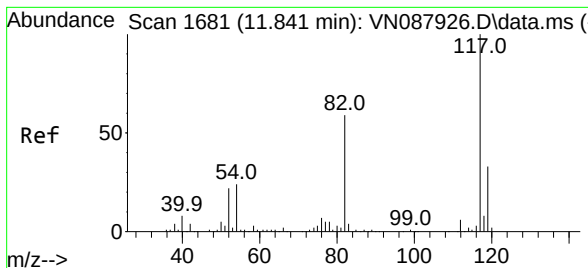
Tgt Ion: 98 Resp: 450950
Ion Ratio Lower Upper
98 100
100 65.2 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 46.541 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087962.D
Acq: 26 Sep 2025 13:28

Tgt Ion: 95 Resp: 147526
Ion Ratio Lower Upper
95 100
174 74.2 0.0 159.2
176 70.8 0.0 152.6

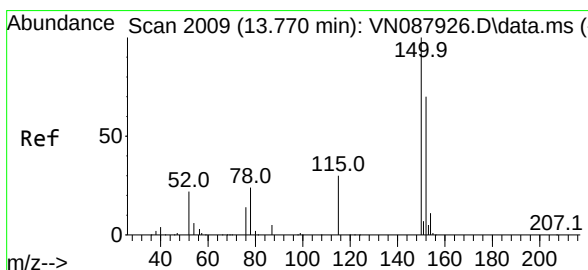
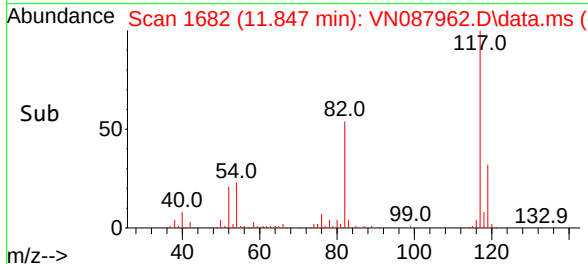
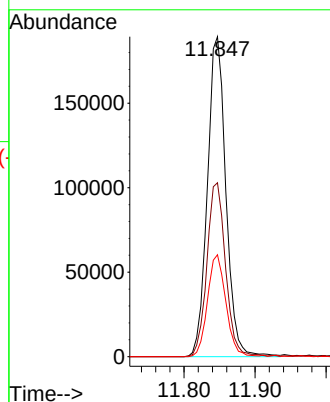
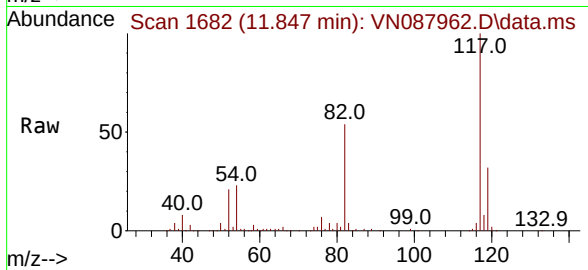




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087962.D
Acq: 26 Sep 2025 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN0926MBL01

Tgt Ion:117 Resp: 343510
Ion Ratio Lower Upper
117 100
82 54.3 47.0 70.4
119 31.8 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087962.D
Acq: 26 Sep 2025 13:28

Tgt Ion:152 Resp: 155432
Ion Ratio Lower Upper
152 100
115 60.7 29.9 89.7
150 159.8 0.0 335.0

