

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091025\
 Data File : VN087776.D
 Acq On : 10 Sep 2025 12:46
 Operator : JC\MD
 Sample : VN0910WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910WBL01

Quant Time: Sep 11 02:01:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	177881	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	413161	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	392580	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	179388	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	200486	55.009	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.020%
35) Dibromofluoromethane	8.153	113	155658	52.181	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.360%
50) Toluene-d8	10.547	98	534676	47.889	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.780%
62) 4-Bromofluorobenzene	12.823	95	175489	44.197	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	88.400%

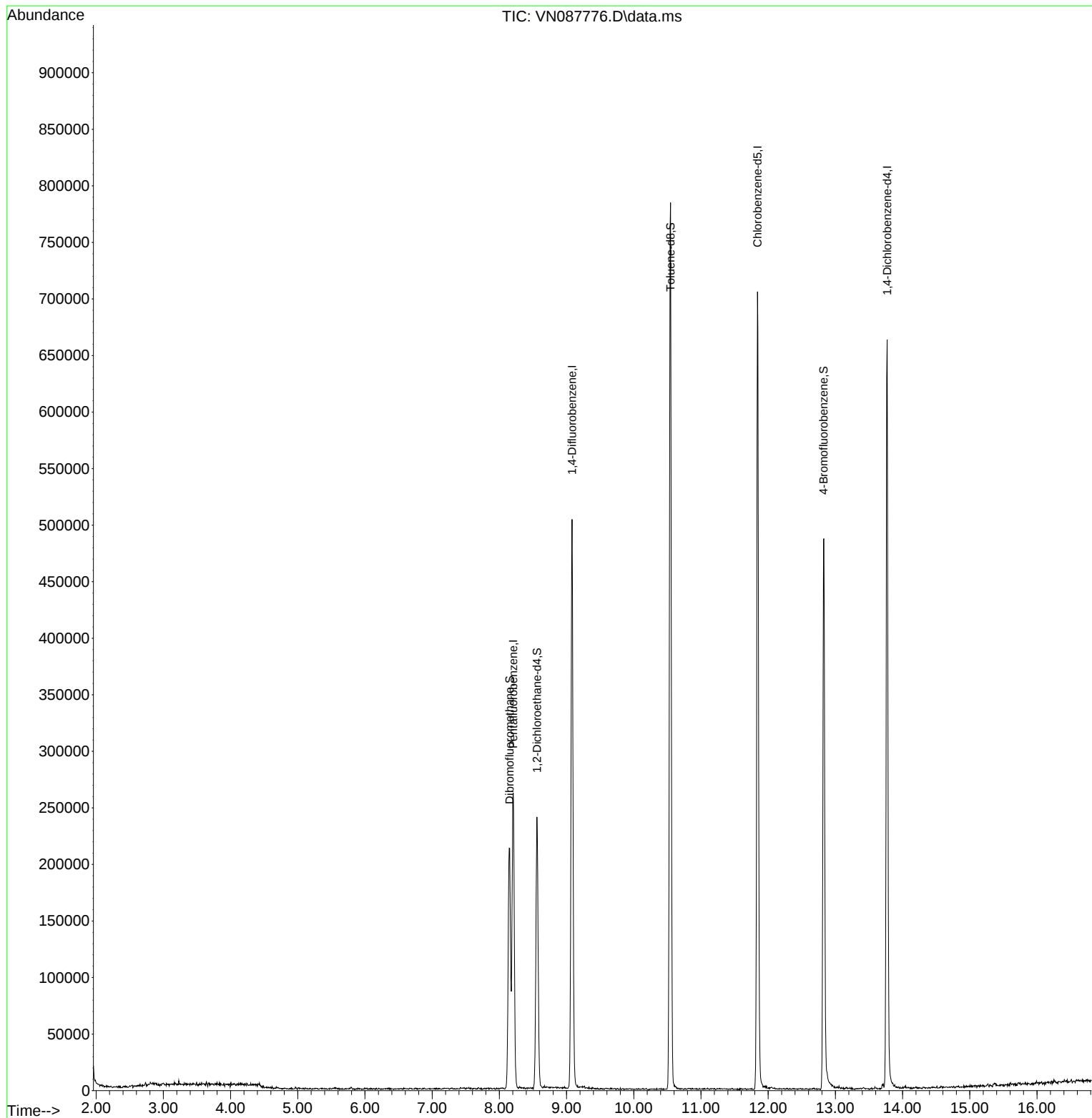
Target Compounds	Qvalue

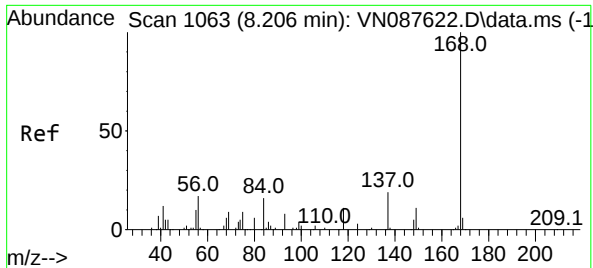
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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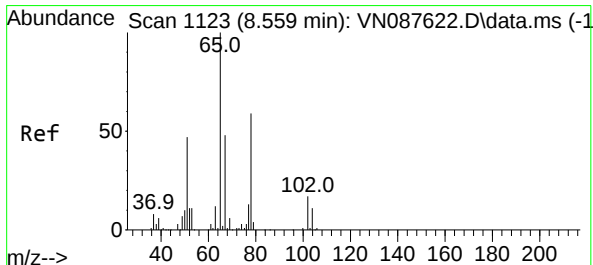
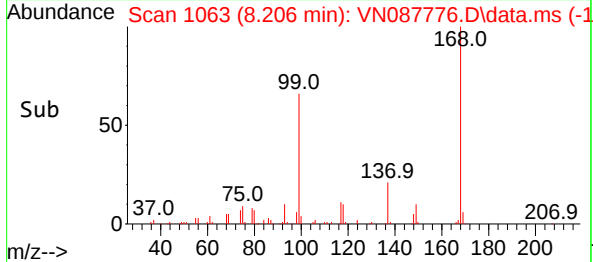
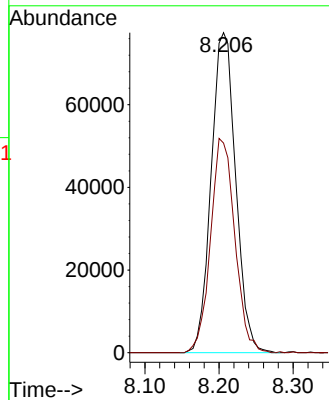
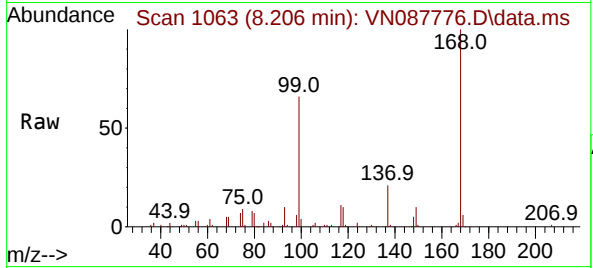




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087776.D
Acq: 10 Sep 2025 12:46

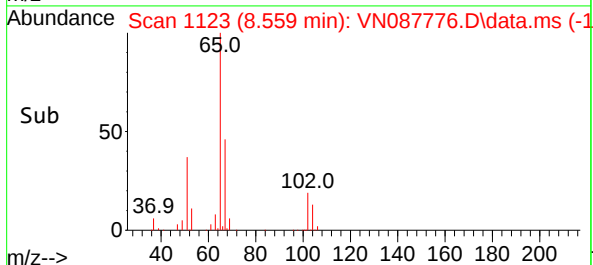
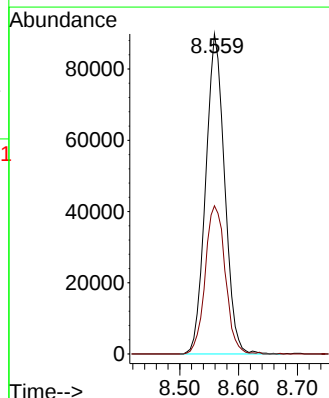
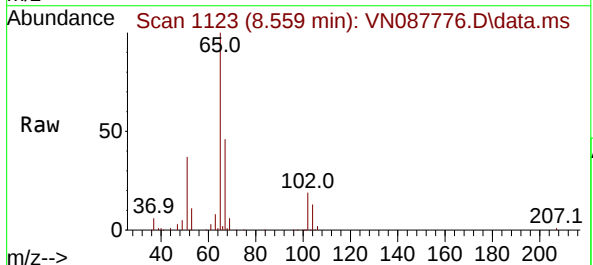
Instrument :
MSVOA_N
ClientSampleId :
VN0910WBL01

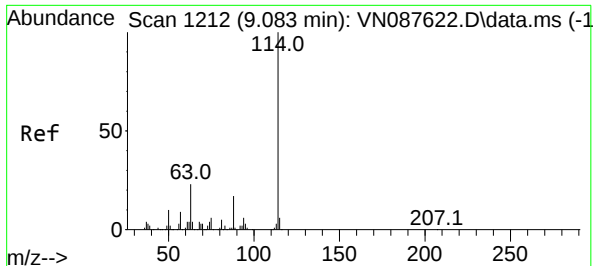
Tgt Ion:168 Resp: 177881
Ion Ratio Lower Upper
168 100
99 65.5 57.2 85.8



#33
1,2-Dichloroethane-d4
Concen: 55.009 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087776.D
Acq: 10 Sep 2025 12:46

Tgt Ion: 65 Resp: 200486
Ion Ratio Lower Upper
65 100
67 49.1 0.0 100.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087776.D

Acq: 10 Sep 2025 12:46

Instrument :

MSVOA_N

ClientSampleId :

VN0910WBL01

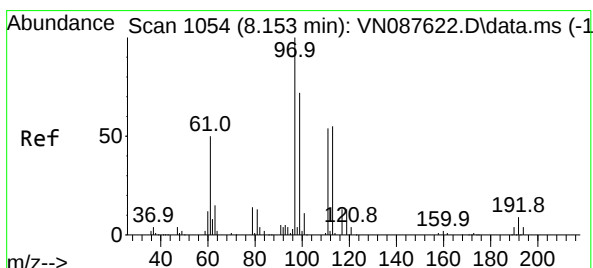
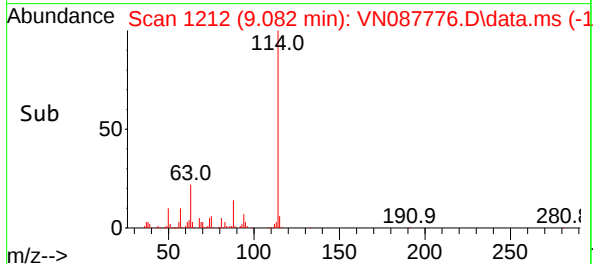
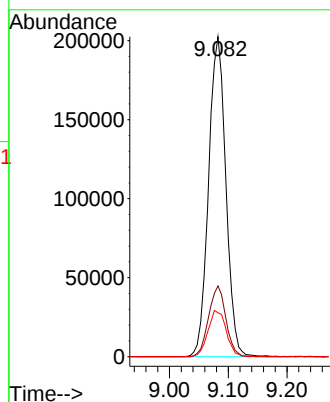
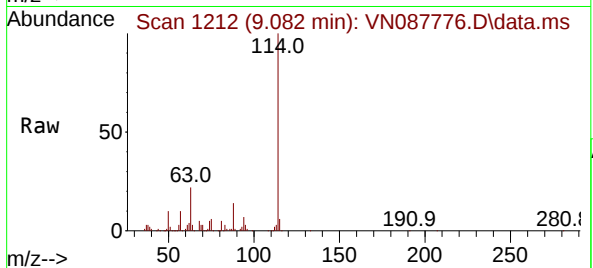
Tgt Ion:114 Resp: 413161

Ion Ratio Lower Upper

114 100

63 22.1 0.0 45.2

88 13.8 0.0 33.4



#35

Dibromofluoromethane

Concen: 52.181 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. -0.000 min

Lab File: VN087776.D

Acq: 10 Sep 2025 12:46

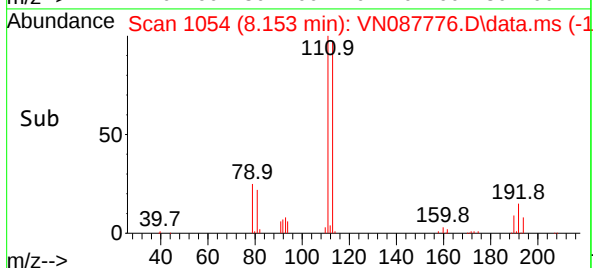
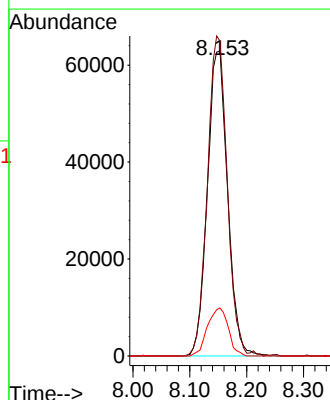
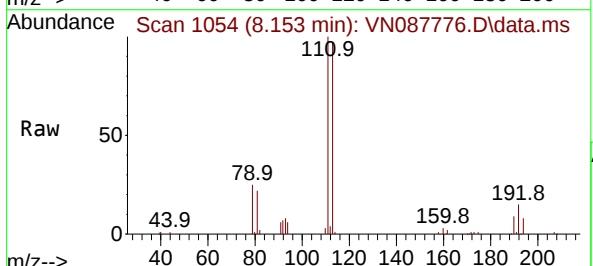
Tgt Ion:113 Resp: 155658

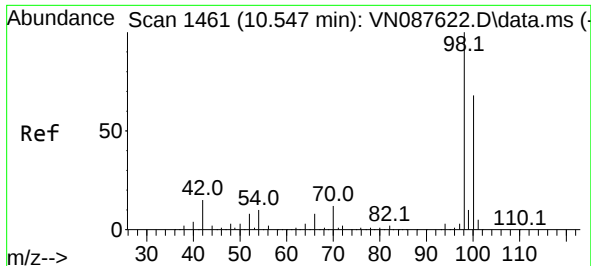
Ion Ratio Lower Upper

113 100

111 102.0 82.8 124.2

192 16.2 12.8 19.2

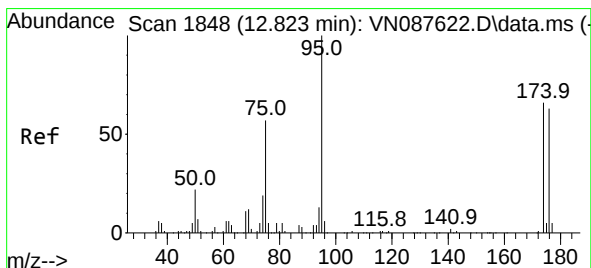
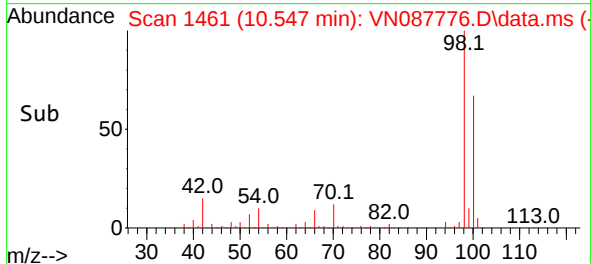
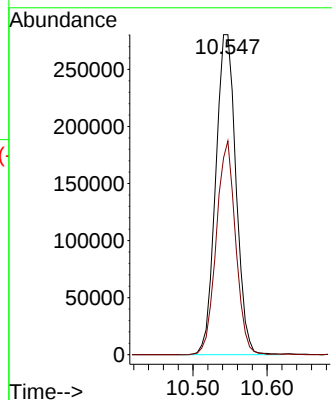
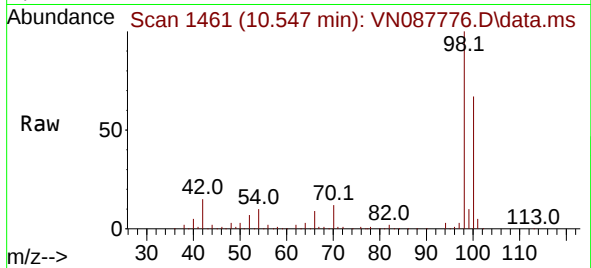




#50
Toluene-d8
Concen: 47.889 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087776.D
Acq: 10 Sep 2025 12:46

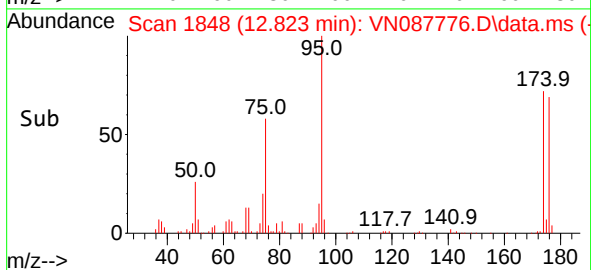
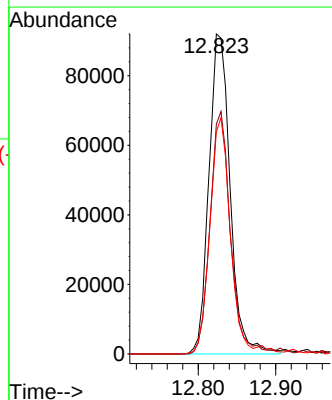
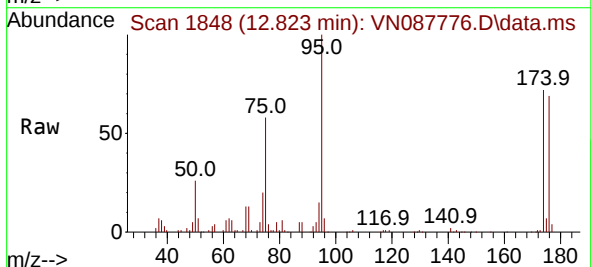
Instrument :
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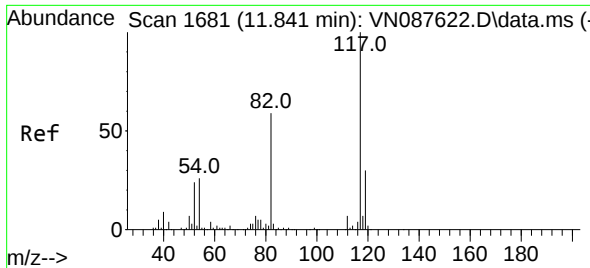
Tgt Ion: 98 Resp: 534676
Ion Ratio Lower Upper
98 100
100 63.5 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 44.197 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN087776.D
Acq: 10 Sep 2025 12:46

Tgt Ion: 95 Resp: 175489
Ion Ratio Lower Upper
95 100
174 73.1 0.0 138.4
176 70.1 0.0 132.6

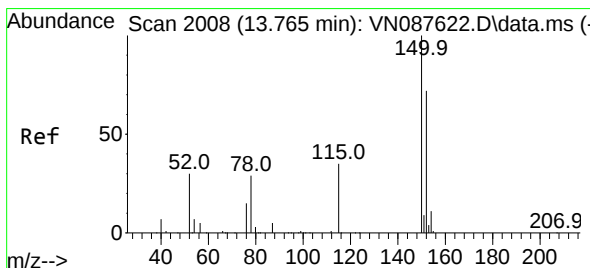
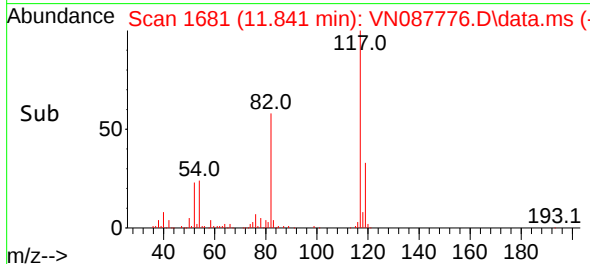
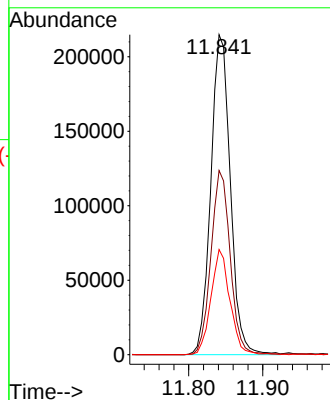
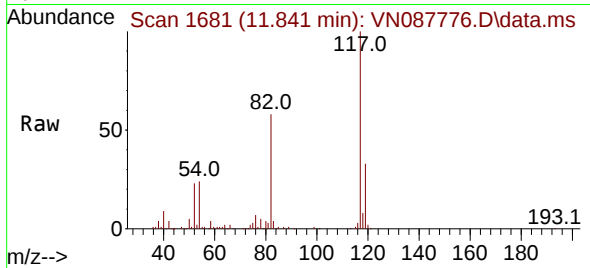




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087776.D
Acq: 10 Sep 2025 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN0910WBL01

Tgt Ion:117 Resp: 392580
Ion Ratio Lower Upper
117 100
82 57.6 47.4 71.2
119 32.8 24.3 36.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087776.D
Acq: 10 Sep 2025 12:46

Tgt Ion:152 Resp: 179388
Ion Ratio Lower Upper
152 100
115 62.6 32.3 96.8
150 156.4 0.0 351.0

