

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092925\
 Data File : VN087977.D
 Acq On : 29 Sep 2025 13:08
 Operator : JC\MD
 Sample : VN0929WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0929WBL01

Quant Time: Sep 30 03:52:56 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	8.212	168	158754	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.088	114	351007	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	338452	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	154688	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	161783	60.554	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	121.100%
35) Dibromofluoromethane	8.153	113	131718	51.684	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.360%
50) Toluene-d8	10.547	98	448783	50.076	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.160%
62) 4-Bromofluorobenzene	12.829	95	142869	44.598	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	89.200%

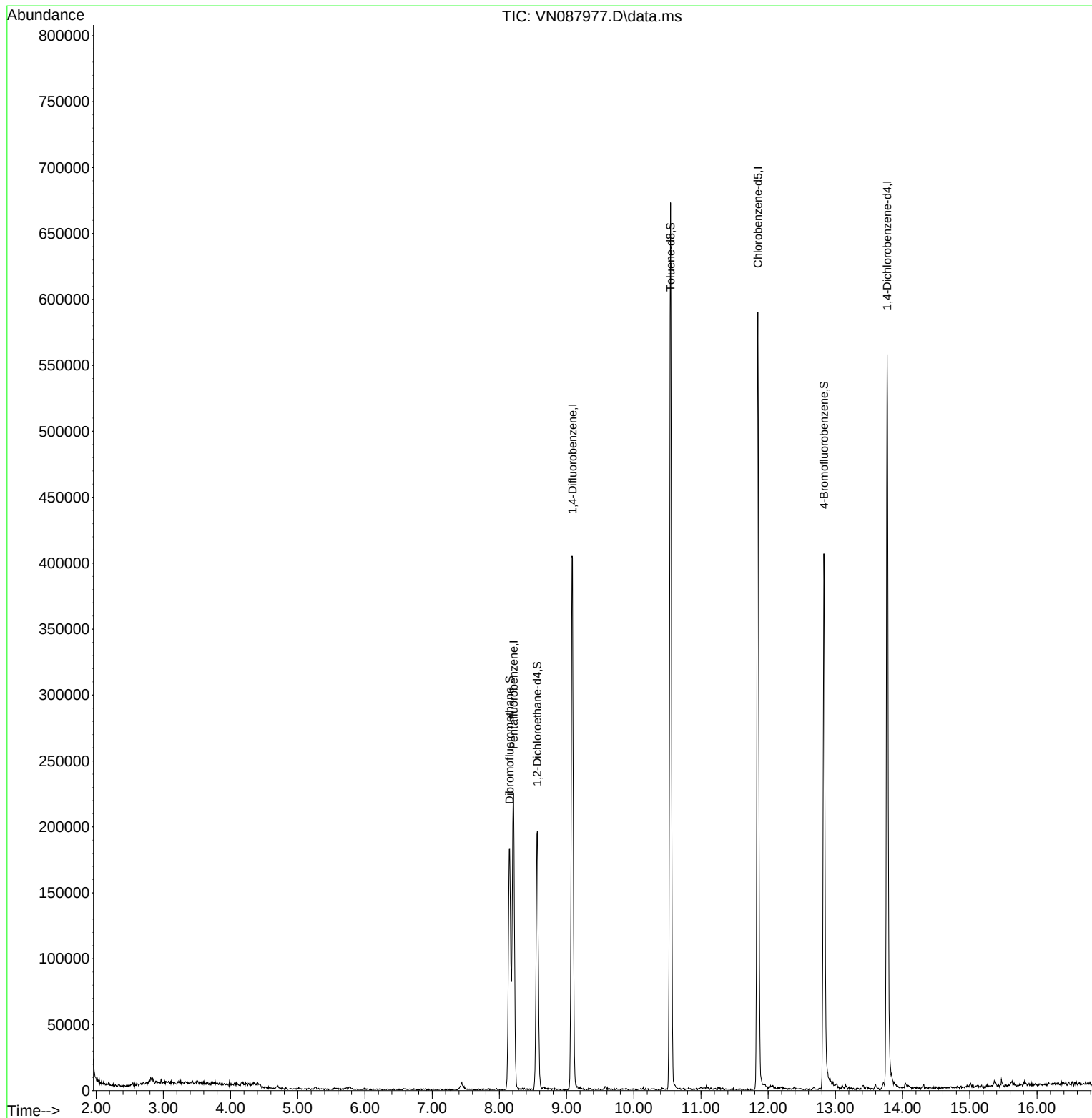
Target Compounds	Qvalue

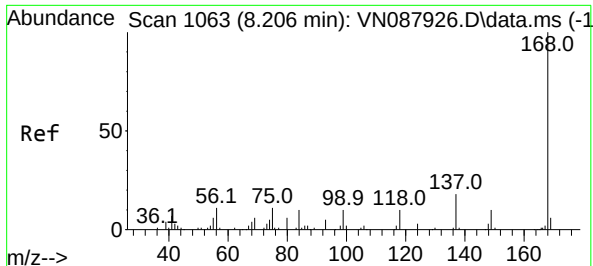
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092925\
Data File : VN087977.D
Acq On : 29 Sep 2025 13:08
Operator : JC\MD
Sample : VN0929WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0929WBL01

Quant Time: Sep 30 03:52:56 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

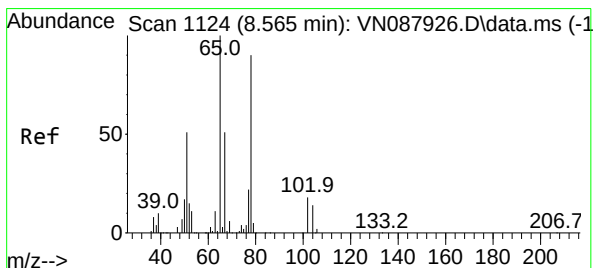
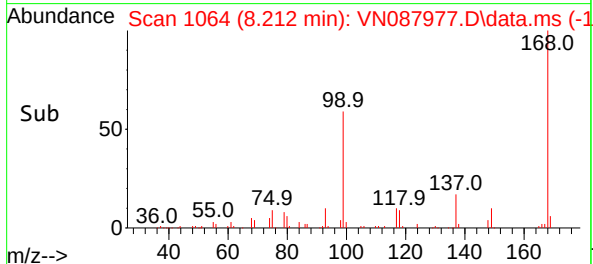
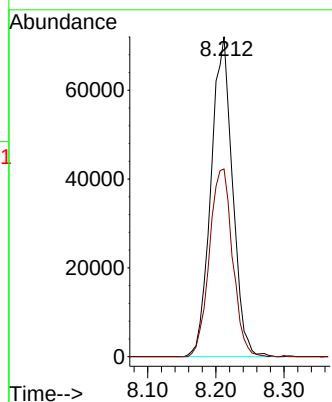
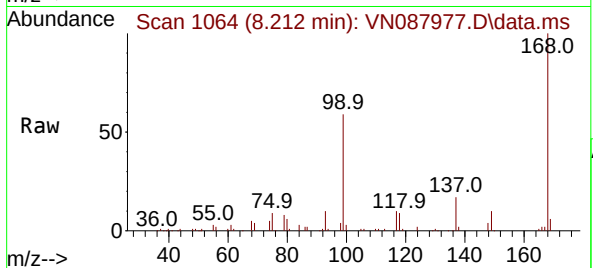




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VN087977.D
Acq: 29 Sep 2025 13:08

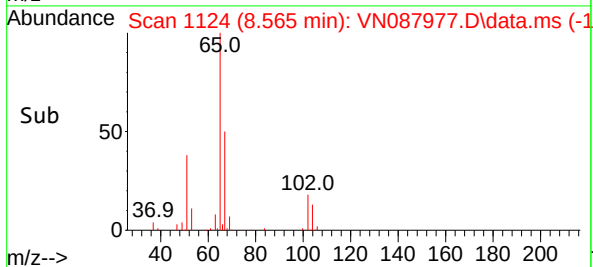
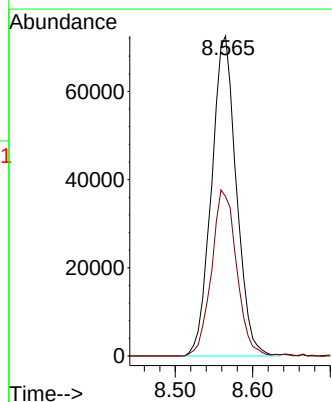
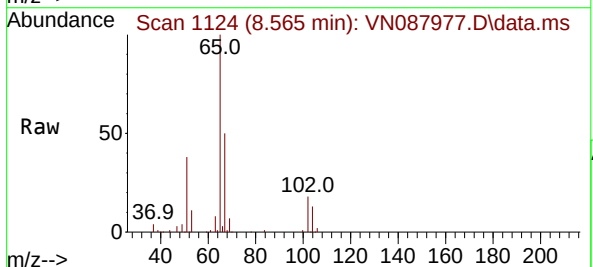
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBL01

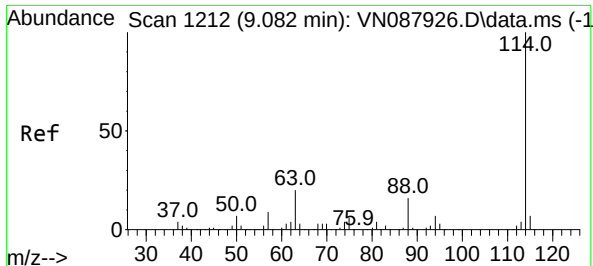
Tgt Ion:168 Resp: 158754
Ion Ratio Lower Upper
168 100
99 58.7 52.2 78.2



#33
1,2-Dichloroethane-d4
Concen: 60.554 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. -0.000 min
Lab File: VN087977.D
Acq: 29 Sep 2025 13:08

Tgt Ion: 65 Resp: 161783
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.088 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN087977.D

Acq: 29 Sep 2025 13:08

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBL01

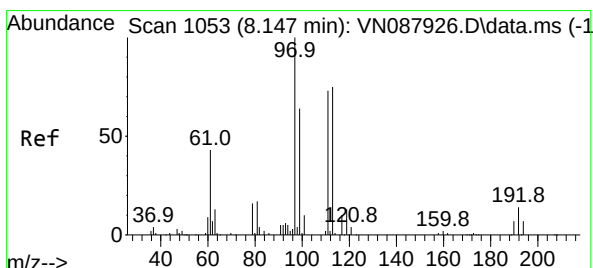
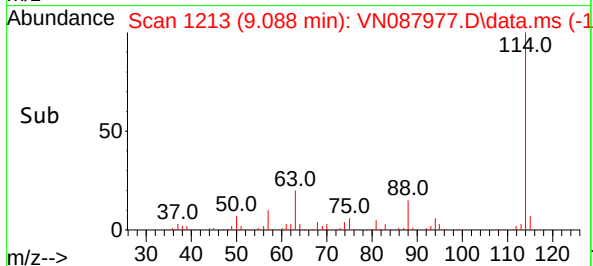
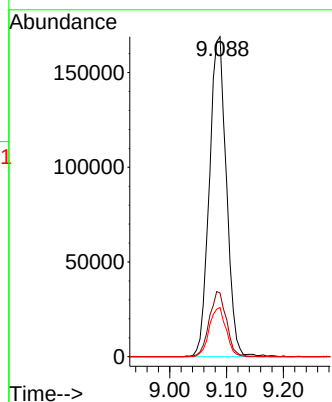
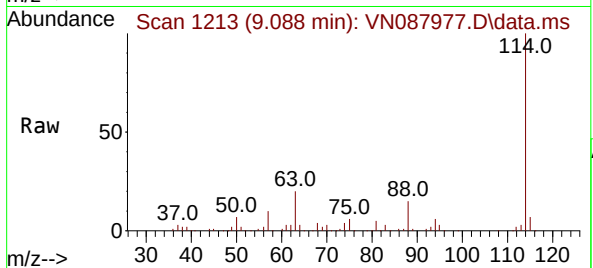
Tgt Ion:114 Resp: 351007

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.0

88 15.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.684 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087977.D

Acq: 29 Sep 2025 13:08

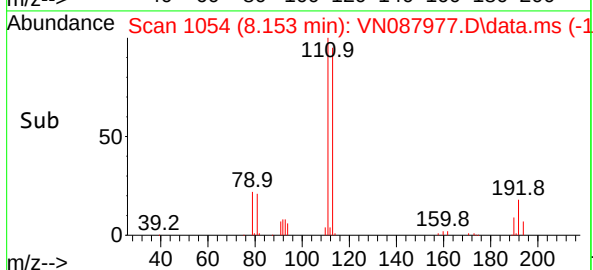
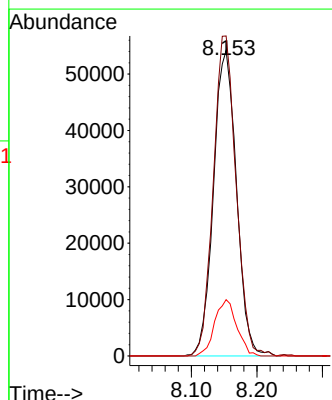
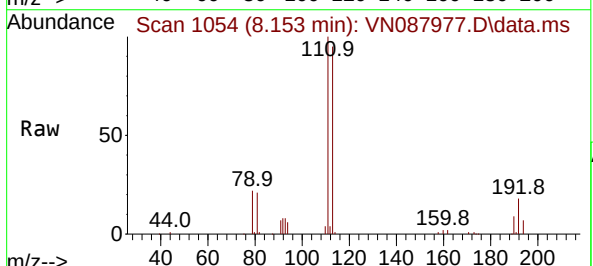
Tgt Ion:113 Resp: 131718

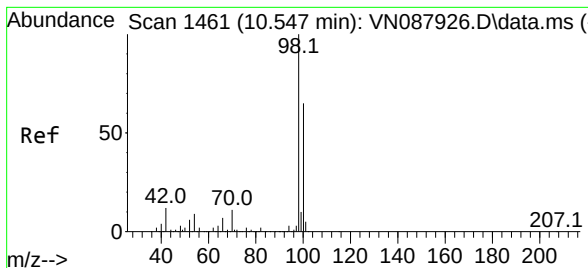
Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.2

192 17.7 14.2 21.2

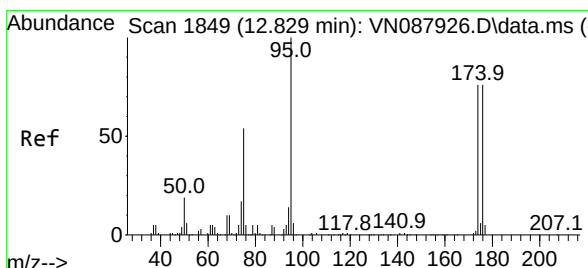
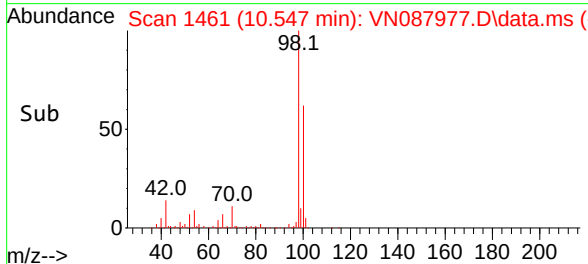
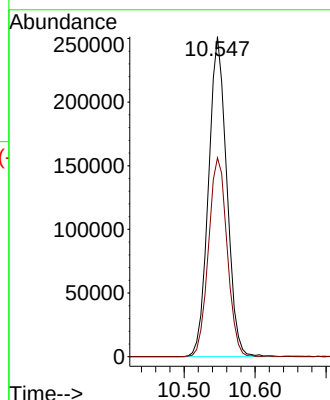
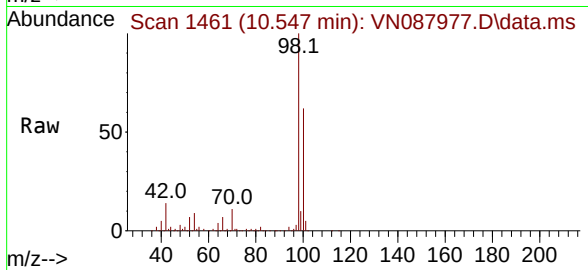




#50
Toluene-d8
Concen: 50.076 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087977.D
Acq: 29 Sep 2025 13:08

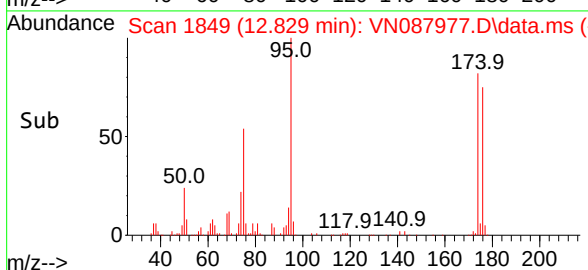
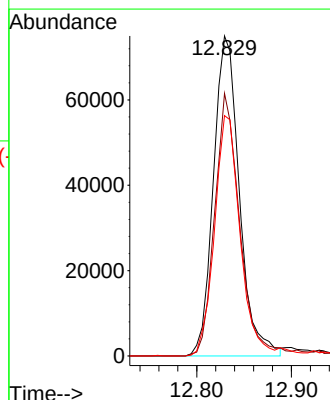
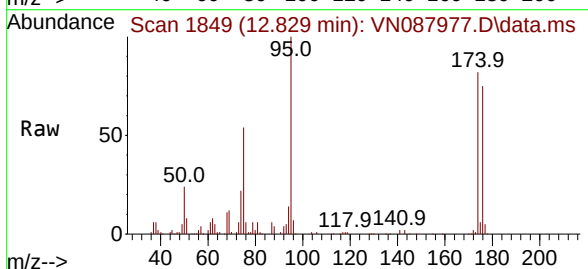
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBL01

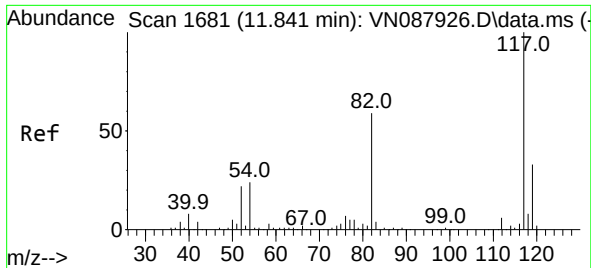
Tgt Ion: 98 Resp: 448783
Ion Ratio Lower Upper
98 100
100 63.5 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 44.598 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087977.D
Acq: 29 Sep 2025 13:08

Tgt Ion: 95 Resp: 142869
Ion Ratio Lower Upper
95 100
174 79.1 0.0 159.2
176 73.9 0.0 152.6

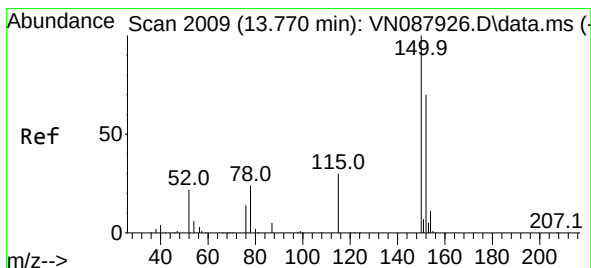
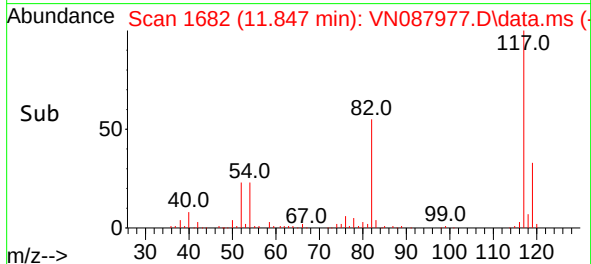
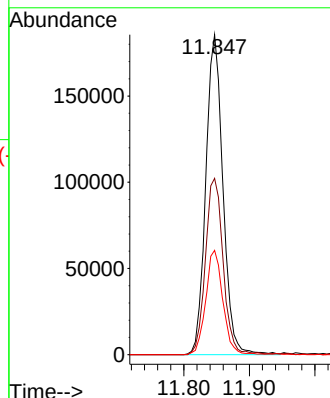
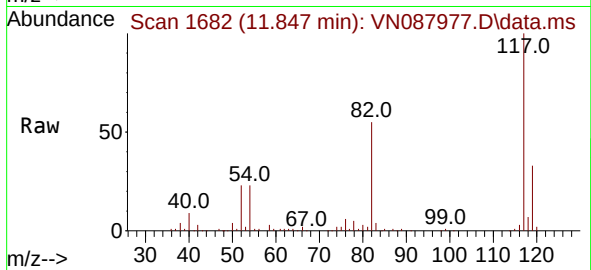




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087977.D
Acq: 29 Sep 2025 13:08

Instrument :
MSVOA_N
ClientSampleId :
VN0929WBL01

Tgt Ion:117 Resp: 338452
Ion Ratio Lower Upper
117 100
82 55.1 47.0 70.4
119 32.6 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: VN087977.D
Acq: 29 Sep 2025 13:08

Tgt Ion:152 Resp: 154688
Ion Ratio Lower Upper
152 100
115 59.9 29.9 89.7
150 159.9 0.0 335.0

