

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092425\
 Data File : VN087934.D
 Acq On : 24 Sep 2025 09:26
 Operator : JC\MD
 Sample : VN0924MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924MBL01

Quant Time: Sep 25 03:05:14 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	212759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	457003	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	435526	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	206267	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	195754	54.671	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.340%
35) Dibromofluoromethane	8.147	113	164681	49.631	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.260%
50) Toluene-d8	10.541	98	569525	48.809	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.620%
62) 4-Bromofluorobenzene	12.829	95	195481	46.868	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.740%

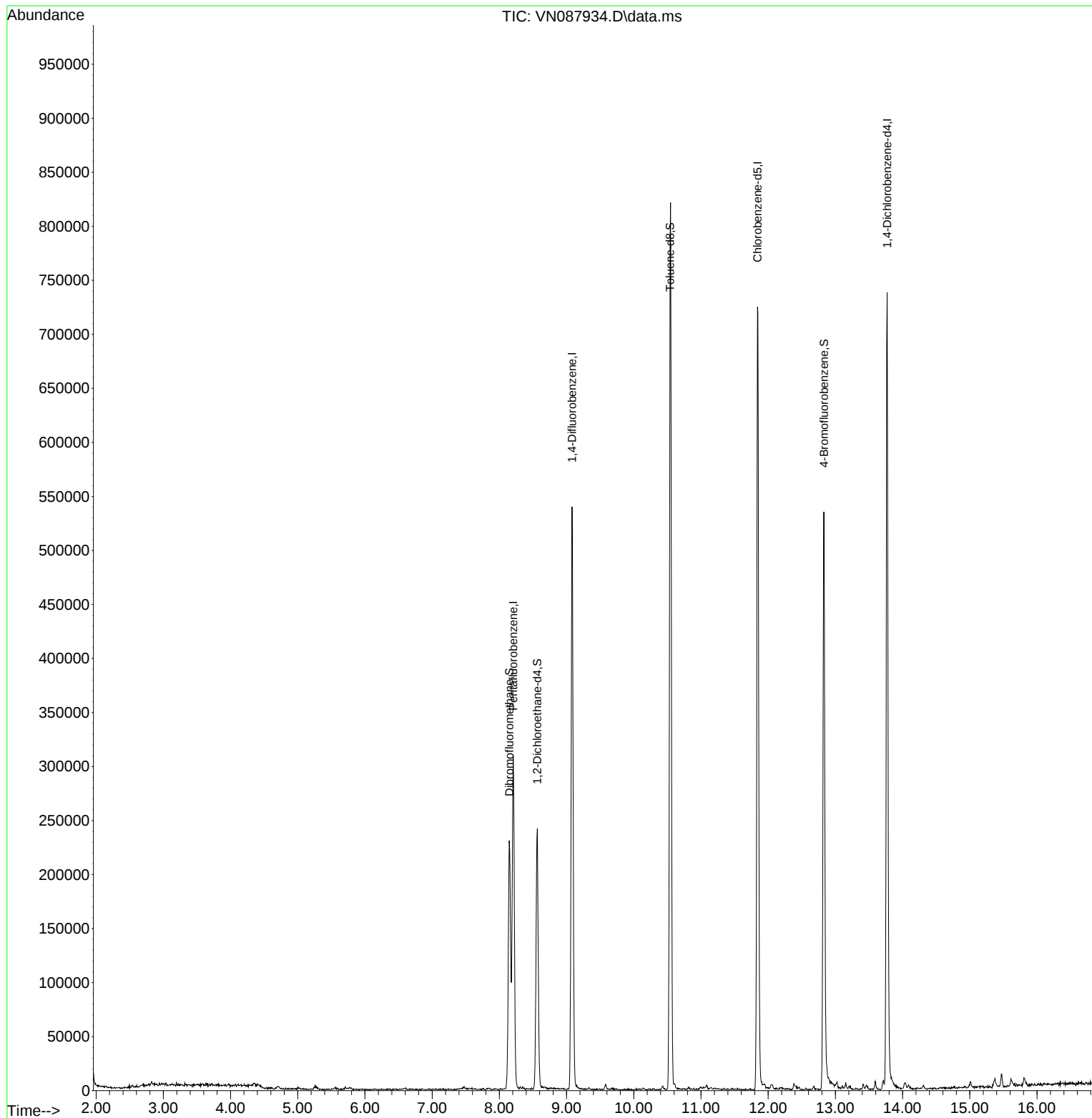
Target Compounds	Qvalue

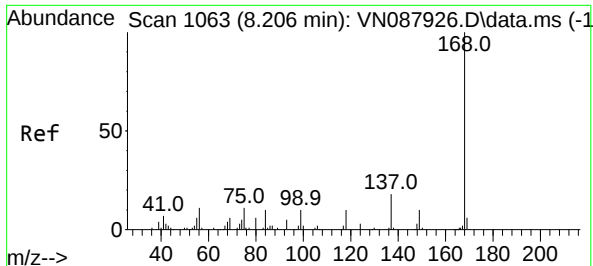
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092425\
Data File : VN087934.D
Acq On : 24 Sep 2025 09:26
Operator : JC\MD
Sample : VN0924MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0924MBL01

Quant Time: Sep 25 03:05:14 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

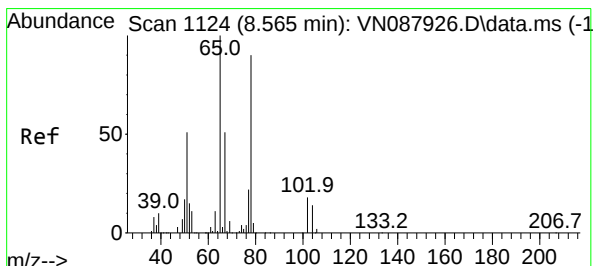
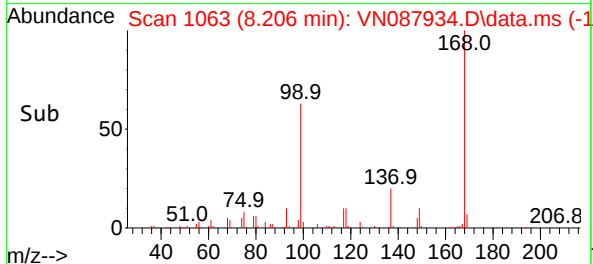
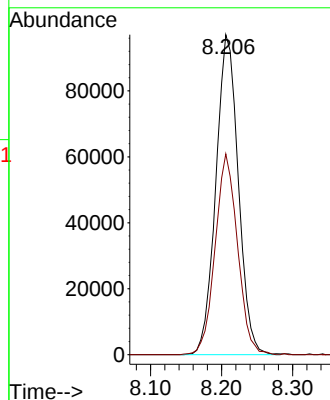
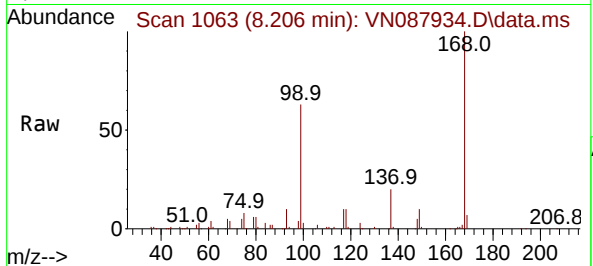




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VN087934.D
Acq: 24 Sep 2025 09:26

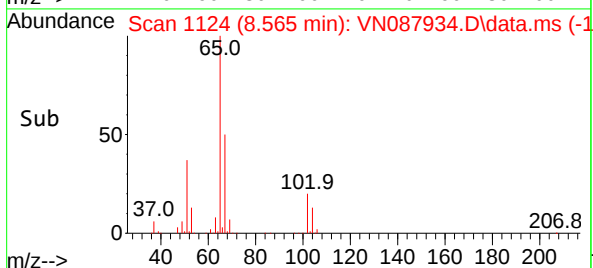
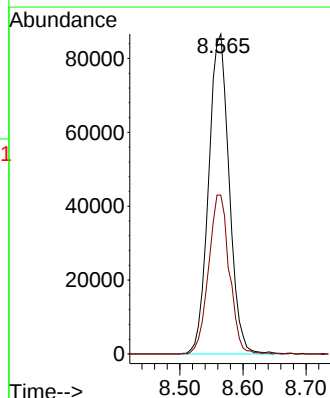
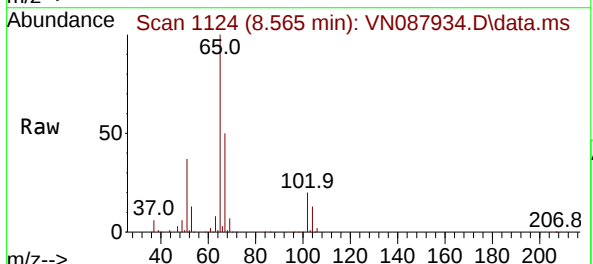
Instrument :
MSVOA_N
ClientSampleId :
VN0924MBL01

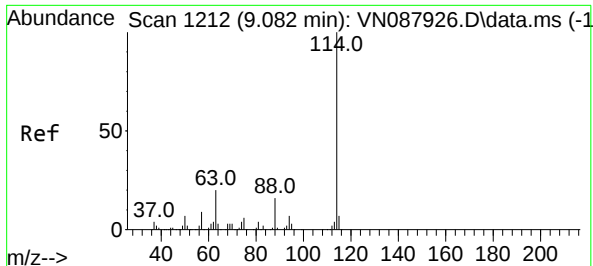
Tgt Ion:168 Resp: 212759
Ion Ratio Lower Upper
168 100
99 62.7 52.2 78.2



#33
1,2-Dichloroethane-d4
Concen: 54.671 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. -0.000 min
Lab File: VN087934.D
Acq: 24 Sep 2025 09:26

Tgt Ion: 65 Resp: 195754
Ion Ratio Lower Upper
65 100
67 50.2 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087934.D

Acq: 24 Sep 2025 09:26

Instrument :

MSVOA_N

ClientSampleId :

VN0924MBL01

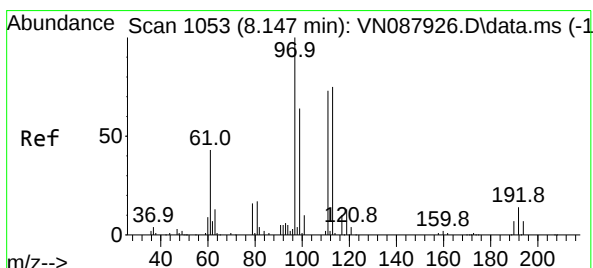
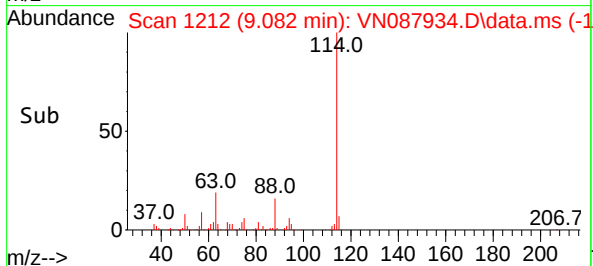
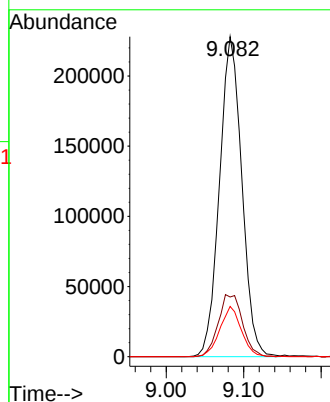
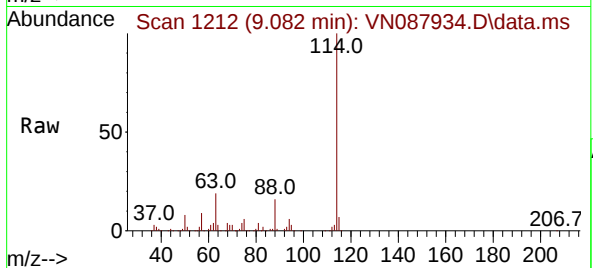
Tgt Ion:114 Resp: 457003

Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.0

88 15.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.631 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.000 min

Lab File: VN087934.D

Acq: 24 Sep 2025 09:26

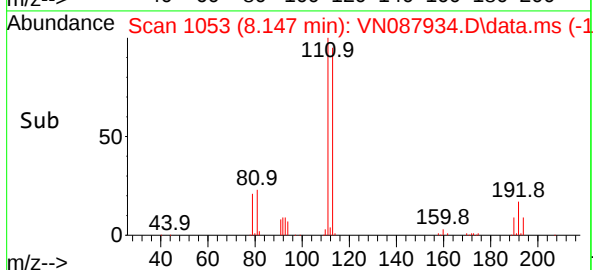
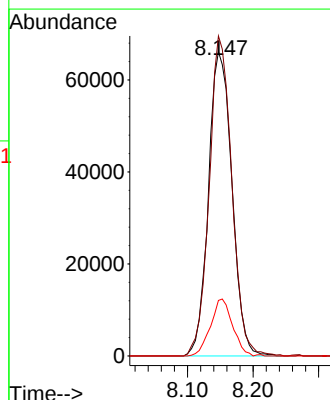
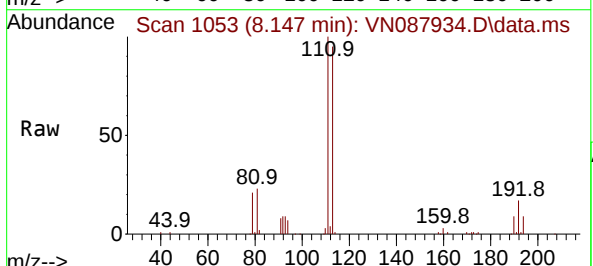
Tgt Ion:113 Resp: 164681

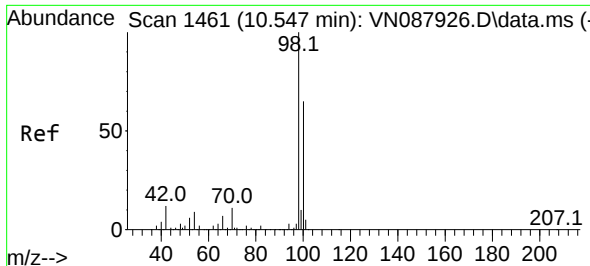
Ion Ratio Lower Upper

113 100

111 101.2 82.2 123.2

192 17.7 14.2 21.2

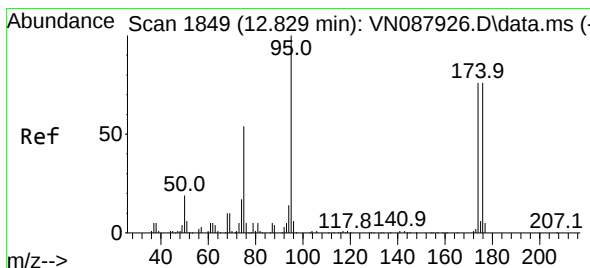
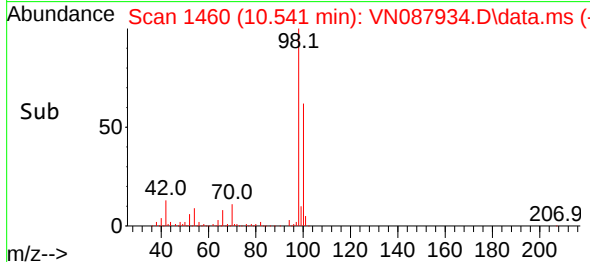
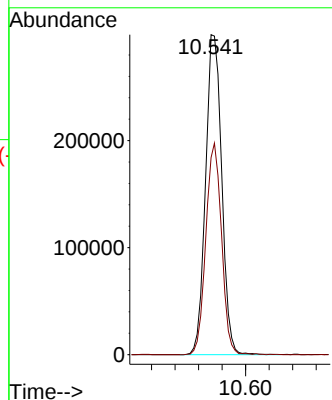
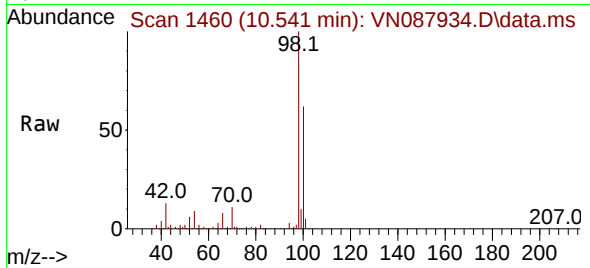




#50
Toluene-d8
Concen: 48.809 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN087934.D
Acq: 24 Sep 2025 09:26

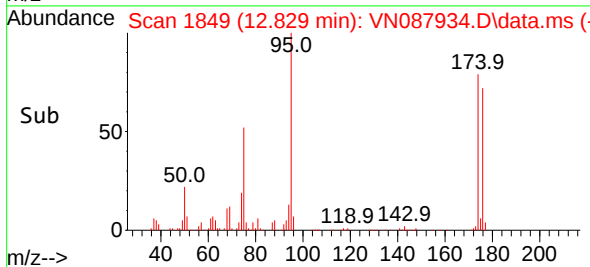
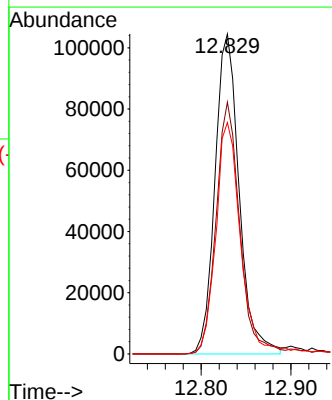
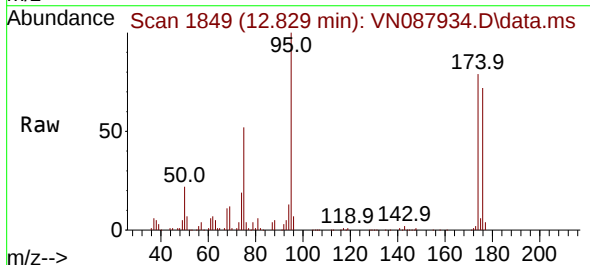
Instrument :
MSVOA_N
ClientSampleId :
VN0924MBL01

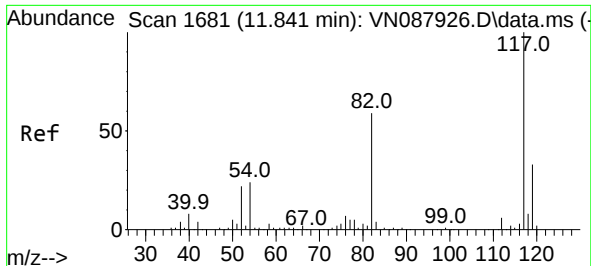
Tgt Ion: 98 Resp: 569525
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 46.868 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087934.D
Acq: 24 Sep 2025 09:26

Tgt Ion: 95 Resp: 195481
Ion Ratio Lower Upper
95 100
174 76.7 0.0 159.2
176 74.9 0.0 152.6

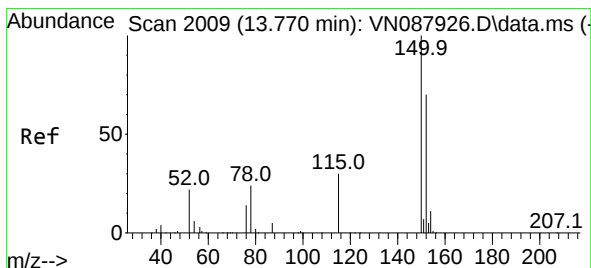
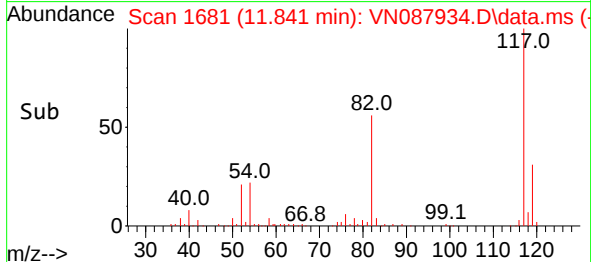
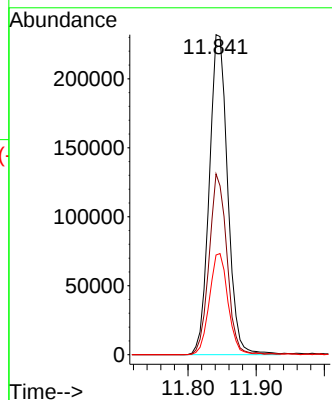
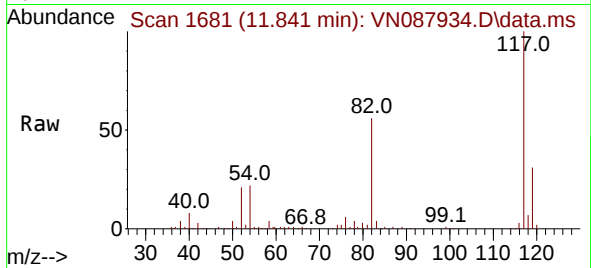




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087934.D
Acq: 24 Sep 2025 09:26

Instrument :
MSVOA_N
ClientSampleId :
VN0924MBL01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.5	47.0	70.4
119	31.1	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: VN087934.D
Acq: 24 Sep 2025 09:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.3	29.9	89.7
150	160.8	0.0	335.0

