

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091525\
 Data File : VN087822.D
 Acq On : 15 Sep 2025 09:35
 Operator : JC\MD
 Sample : VN0915WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBL01

Quant Time: Sep 16 01:29:06 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	194621	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	447138	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	421003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	194722	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	209394	52.512	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.020%
35) Dibromofluoromethane	8.147	113	162528	50.344	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.680%
50) Toluene-d8	10.547	98	570772	47.237	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.480%
62) 4-Bromofluorobenzene	12.829	95	191658	44.602	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	89.200%

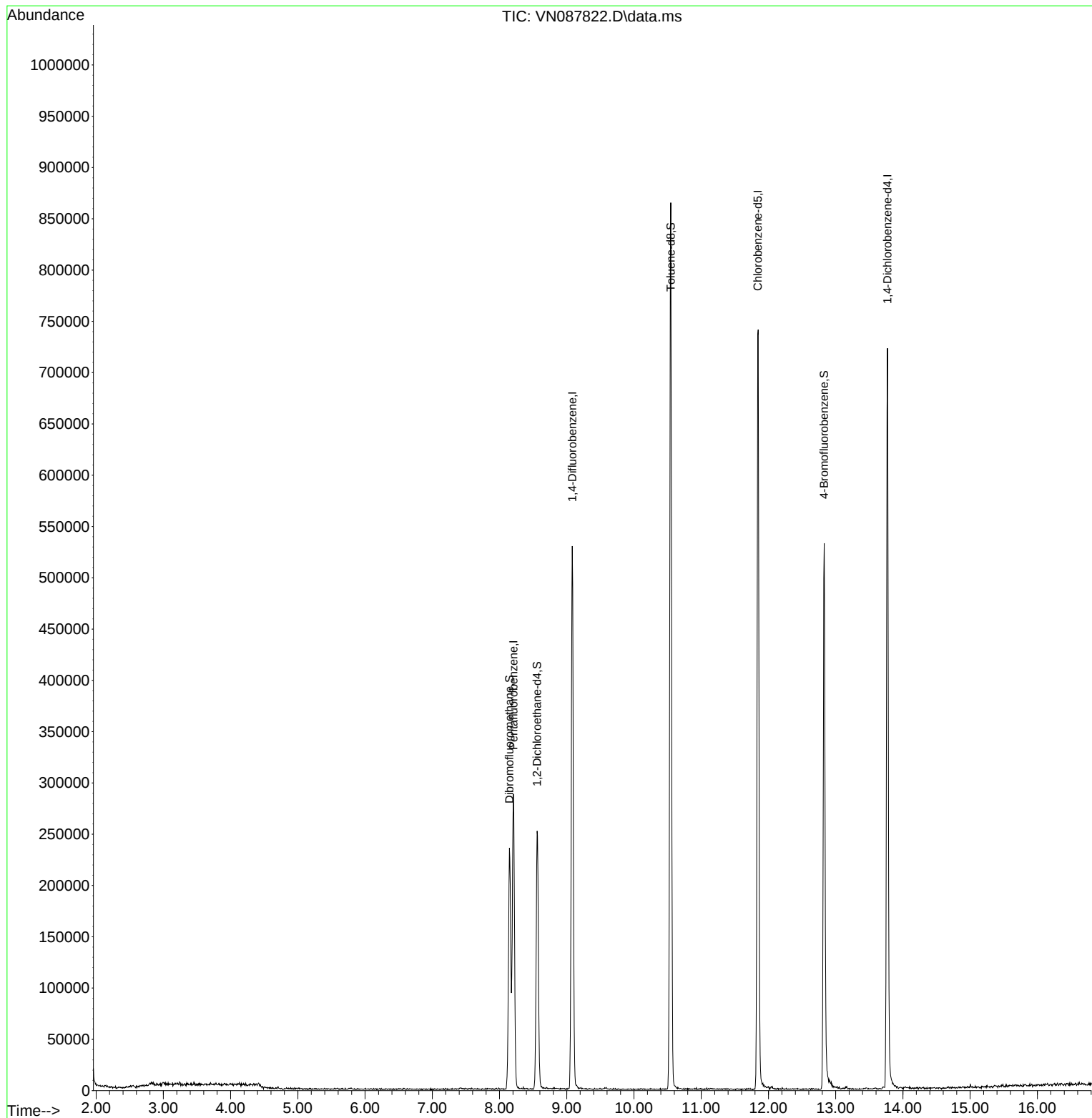
Target Compounds	Qvalue

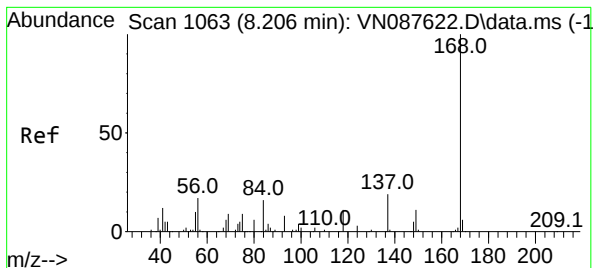
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091525\
Data File : VN087822.D
Acq On : 15 Sep 2025 09:35
Operator : JC\MD
Sample : VN0915WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0915WBL01

Quant Time: Sep 16 01:29:06 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

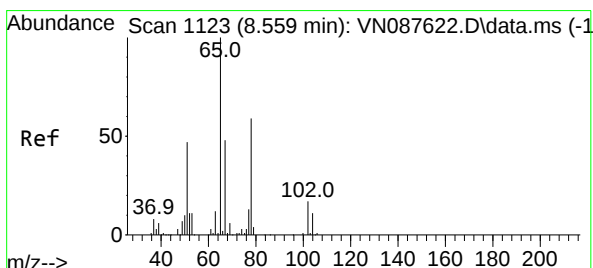
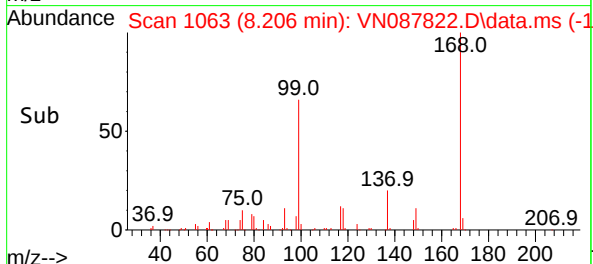
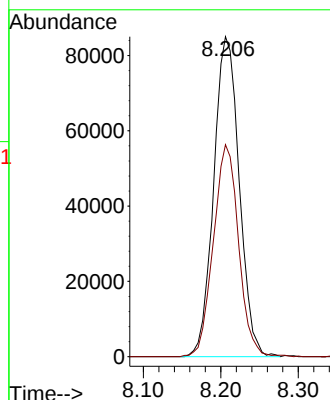
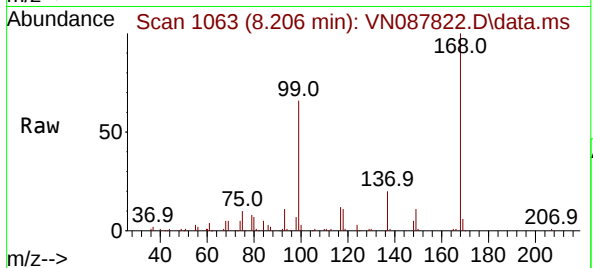




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VN087822.D
Acq: 15 Sep 2025 09:35

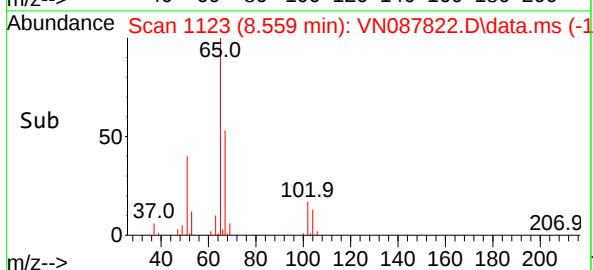
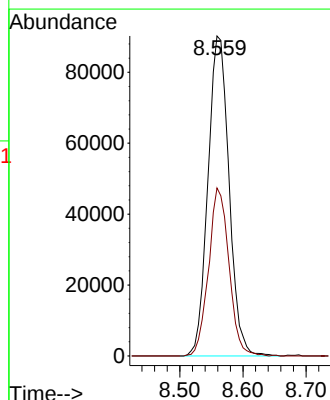
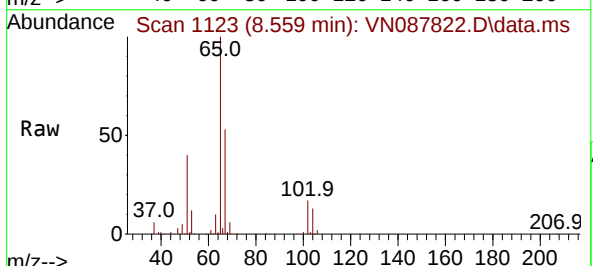
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBL01

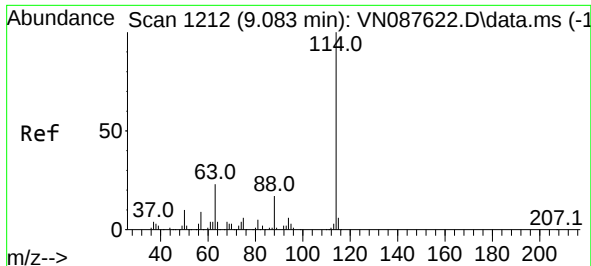
Tgt Ion:168 Resp: 194621
Ion Ratio Lower Upper
168 100
99 66.2 57.2 85.8



#33
1,2-Dichloroethane-d4
Concen: 52.512 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087822.D
Acq: 15 Sep 2025 09:35

Tgt Ion: 65 Resp: 209394
Ion Ratio Lower Upper
65 100
67 50.8 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: VN087822.D

Acq: 15 Sep 2025 09:35

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBL01

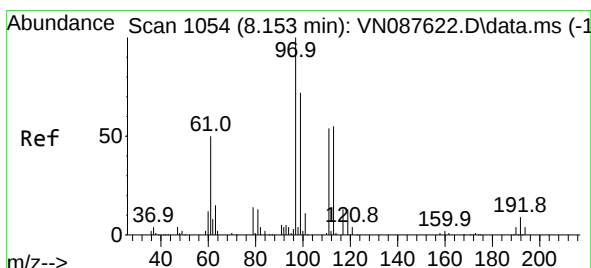
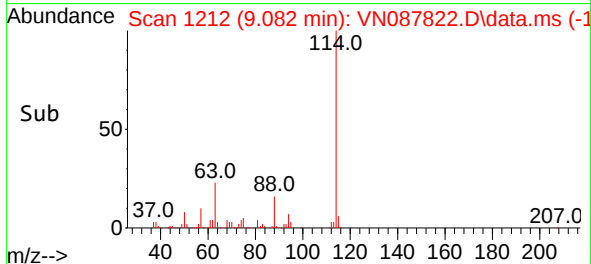
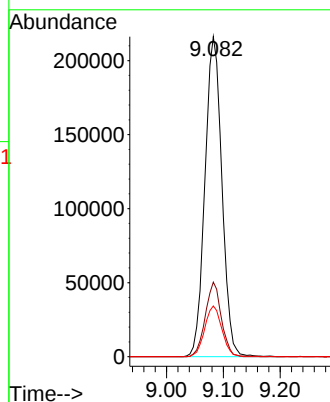
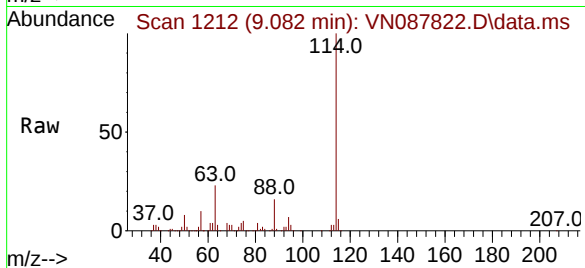
Tgt Ion:114 Resp: 447138

Ion Ratio Lower Upper

114 100

63 23.3 0.0 45.2

88 15.8 0.0 33.4



#35

Dibromofluoromethane

Concen: 50.344 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087822.D

Acq: 15 Sep 2025 09:35

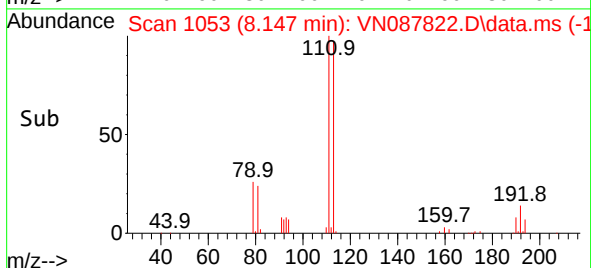
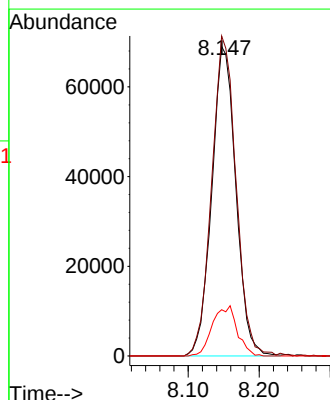
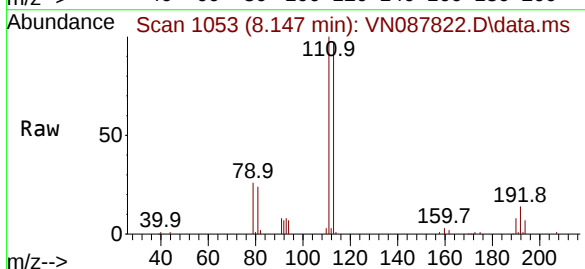
Tgt Ion:113 Resp: 162528

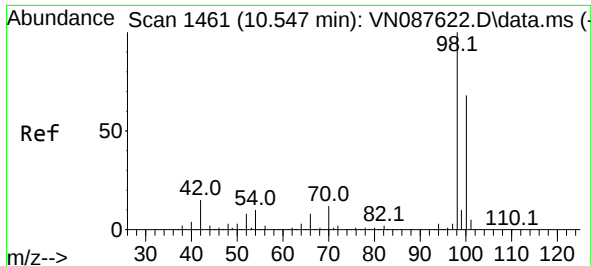
Ion Ratio Lower Upper

113 100

111 104.5 82.8 124.2

192 16.6 12.8 19.2

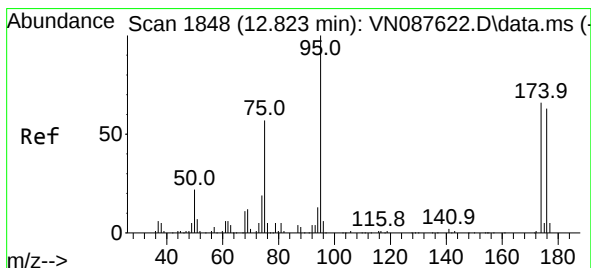
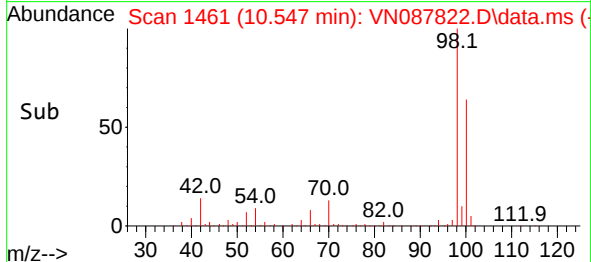
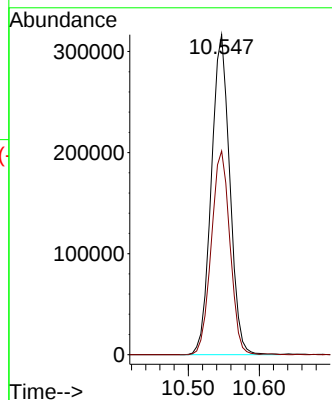
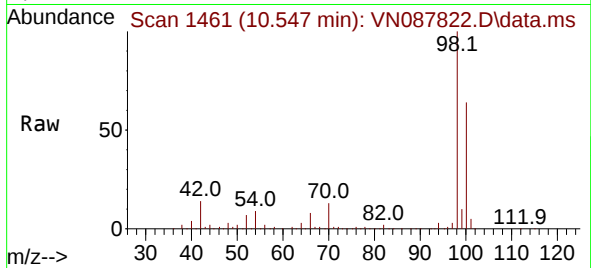




#50
Toluene-d8
Concen: 47.237 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087822.D
Acq: 15 Sep 2025 09:35

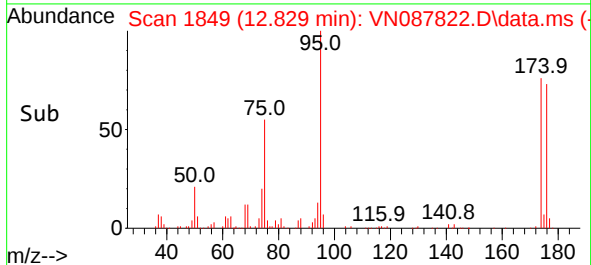
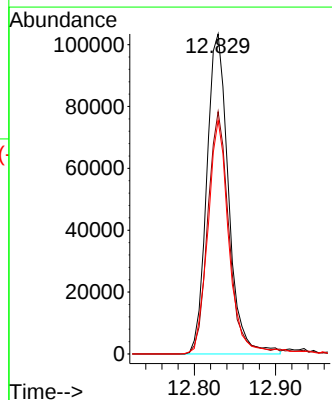
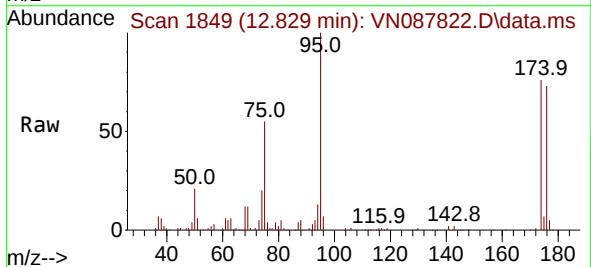
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBL01

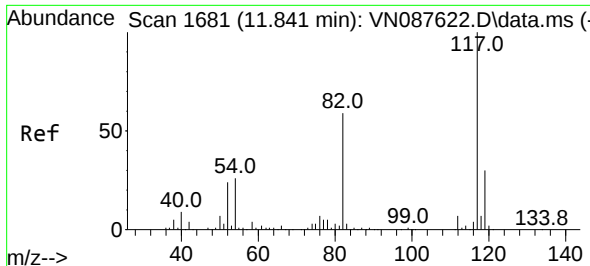
Tgt Ion: 98 Resp: 570772
Ion Ratio Lower Upper
98 100
100 64.2 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 44.602 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087822.D
Acq: 15 Sep 2025 09:35

Tgt Ion: 95 Resp: 191658
Ion Ratio Lower Upper
95 100
174 73.8 0.0 138.4
176 71.3 0.0 132.6

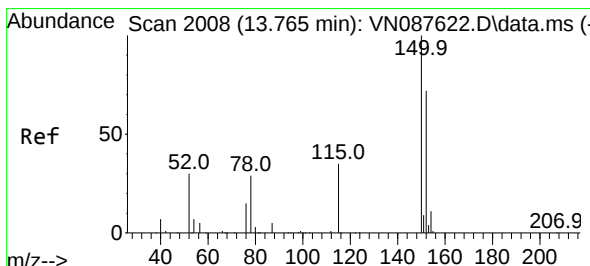
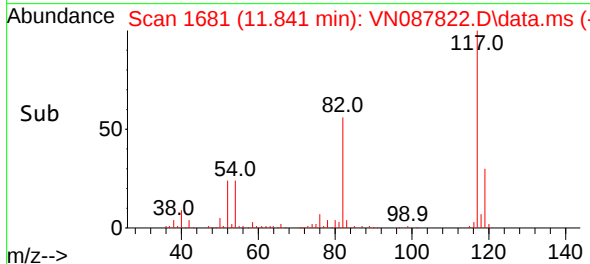
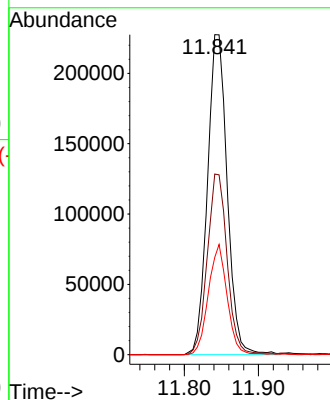
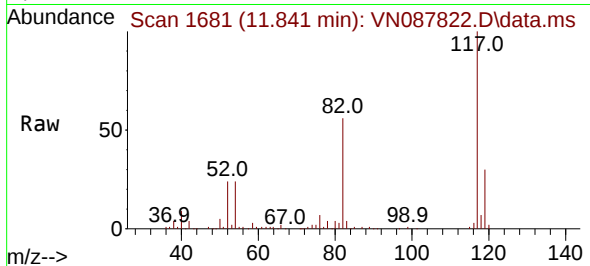




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087822.D
Acq: 15 Sep 2025 09:35

Instrument :
MSVOA_N
ClientSampleId :
VN0915WBL01

Tgt Ion:117 Resp: 421003
Ion Ratio Lower Upper
117 100
82 56.4 47.4 71.2
119 30.4 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: VN087822.D
Acq: 15 Sep 2025 09:35

Tgt Ion:152 Resp: 194722
Ion Ratio Lower Upper
152 100
115 61.7 32.3 96.8
150 157.6 0.0 351.0

