

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091825\
 Data File : VN087886.D
 Acq On : 18 Sep 2025 10:58
 Operator : JC\MD
 Sample : VN0918MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918MBL01

Quant Time: Sep 19 03:01:56 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	200669	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	432061	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	409974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	189133	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	188893	45.943	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.880%
35) Dibromofluoromethane	8.147	113	155018	49.694	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.380%
50) Toluene-d8	10.547	98	538390	46.112	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.220%
62) 4-Bromofluorobenzene	12.829	95	180611	43.497	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	87.000%

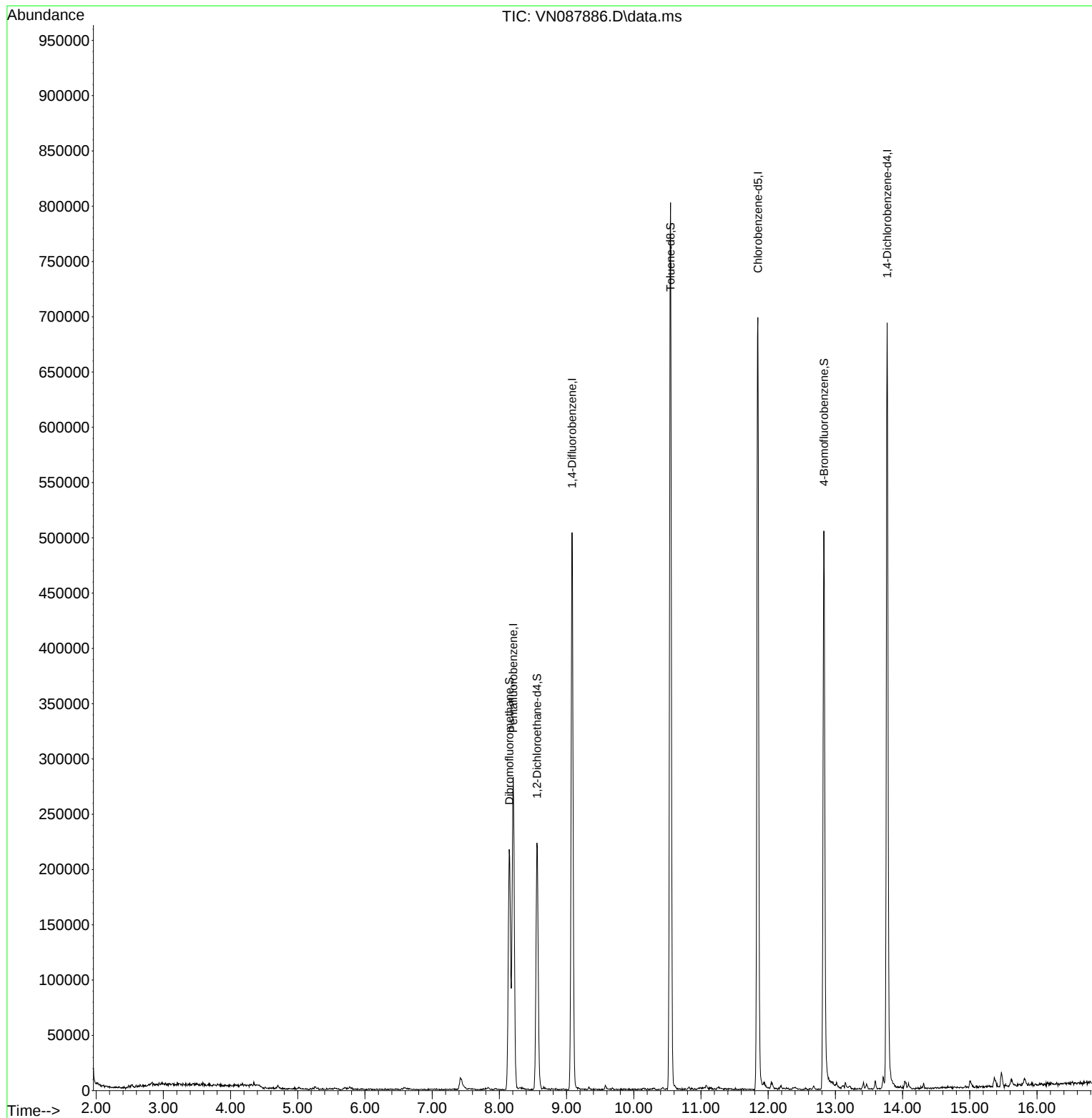
Target Compounds	Qvalue

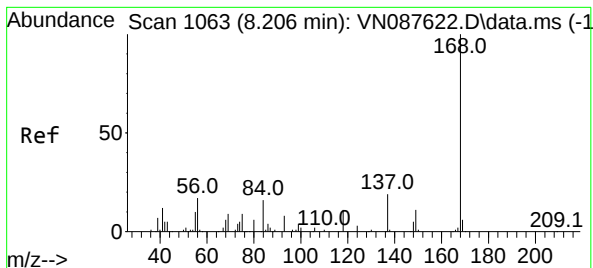
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091825\
Data File : VN087886.D
Acq On : 18 Sep 2025 10:58
Operator : JC\MD
Sample : VN0918MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0918MBL01

Quant Time: Sep 19 03:01:56 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

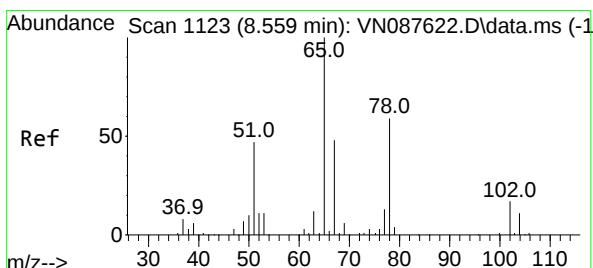
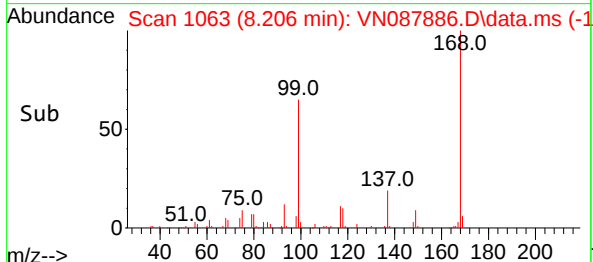
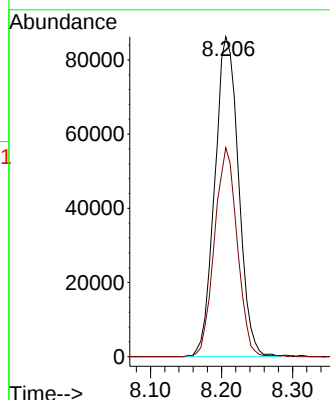
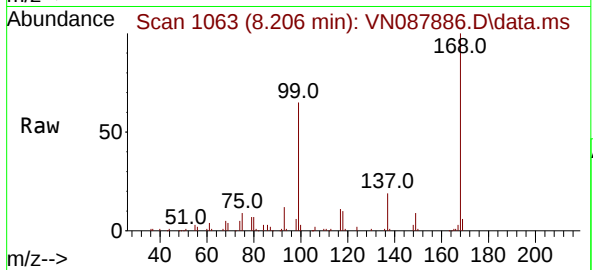




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087886.D
Acq: 18 Sep 2025 10:58

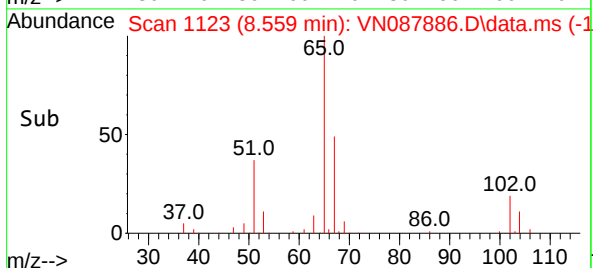
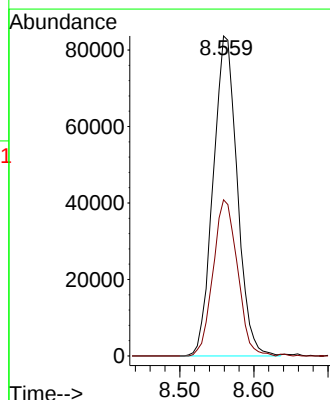
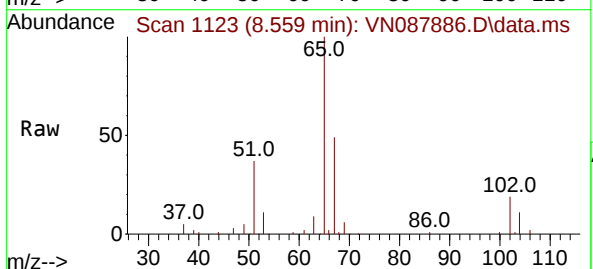
Instrument :
MSVOA_N
ClientSampleId :
VN0918MBL01

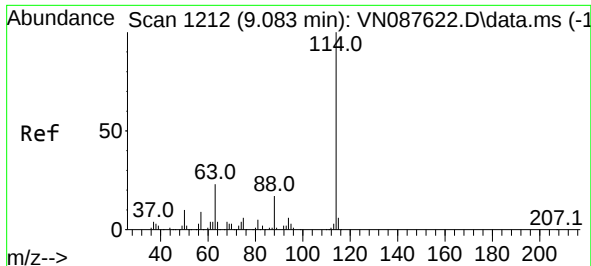
Tgt Ion:168 Resp: 200669
Ion Ratio Lower Upper
168 100
99 65.3 57.2 85.8



#33
1,2-Dichloroethane-d4
Concen: 45.943 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087886.D
Acq: 18 Sep 2025 10:58

Tgt Ion: 65 Resp: 188893
Ion Ratio Lower Upper
65 100
67 49.4 0.0 100.0

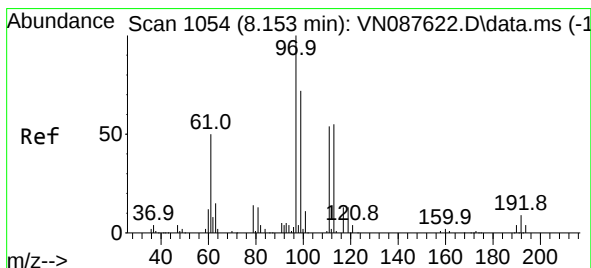
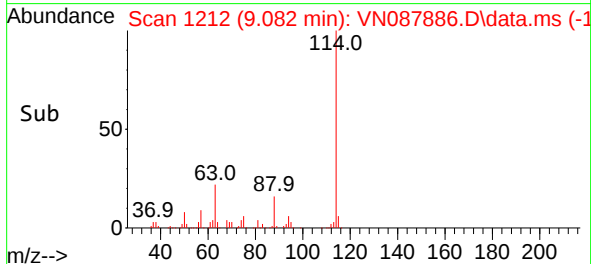
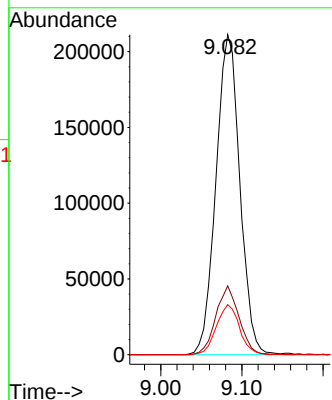
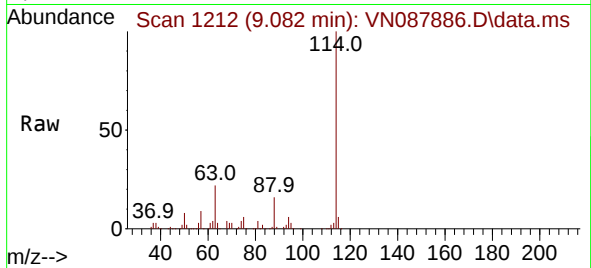




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087886.D
Acq: 18 Sep 2025 10:58

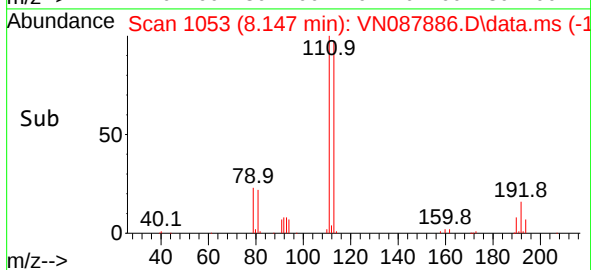
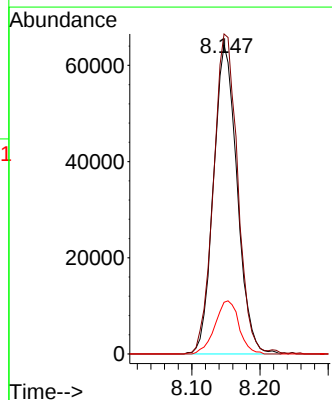
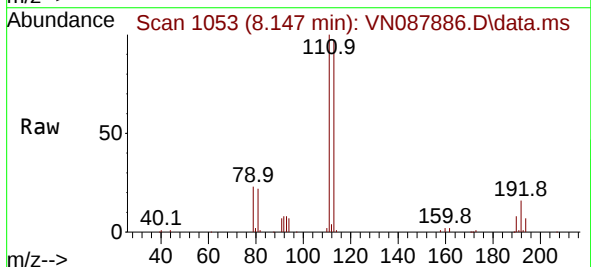
Instrument :
MSVOA_N
ClientSampleId :
VN0918MBL01

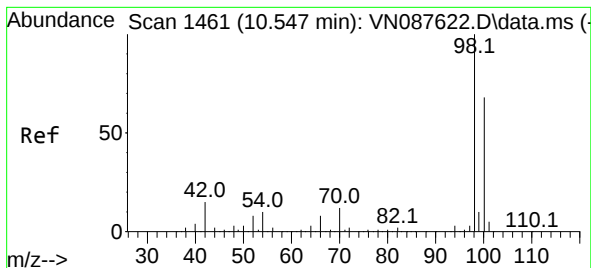
Tgt Ion:114 Resp: 432061
Ion Ratio Lower Upper
114 100
63 21.5 0.0 45.2
88 15.7 0.0 33.4



#35
Dibromofluoromethane
Concen: 49.694 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087886.D
Acq: 18 Sep 2025 10:58

Tgt Ion:113 Resp: 155018
Ion Ratio Lower Upper
113 100
111 105.9 82.8 124.2
192 17.5 12.8 19.2

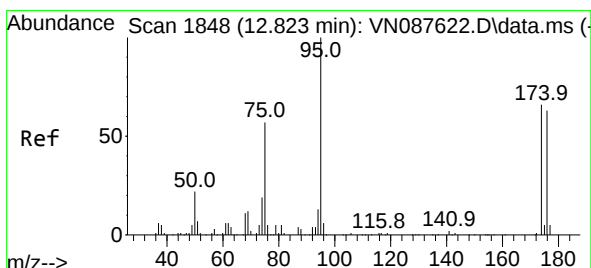
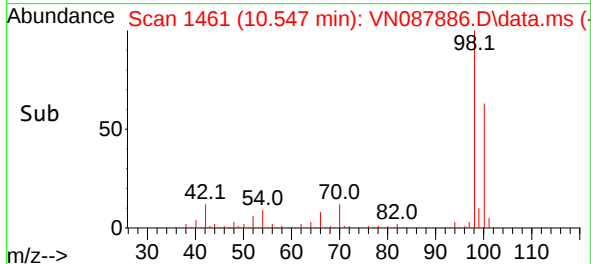
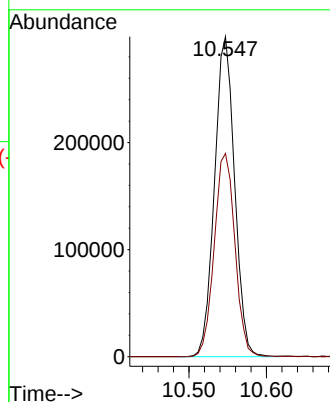
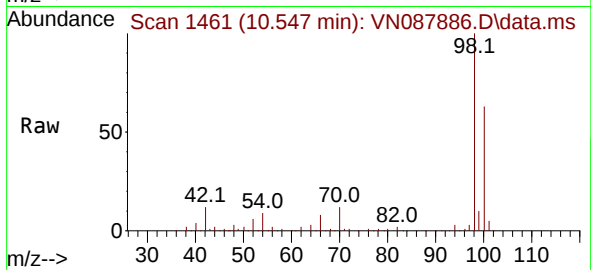




#50
Toluene-d8
Concen: 46.112 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087886.D
Acq: 18 Sep 2025 10:58

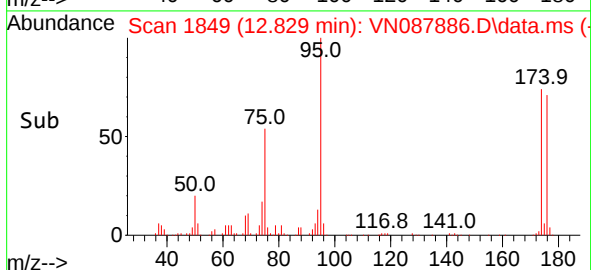
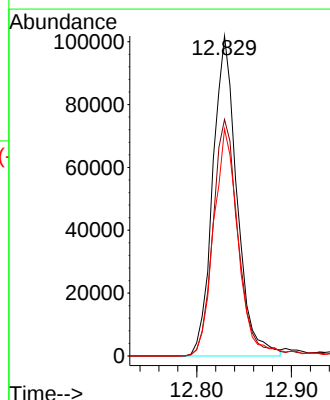
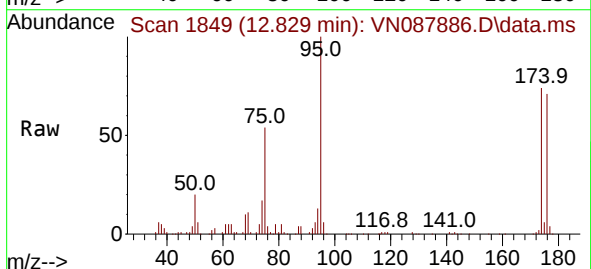
Instrument :
MSVOA_N
ClientSampleId :
VN0918MBL01

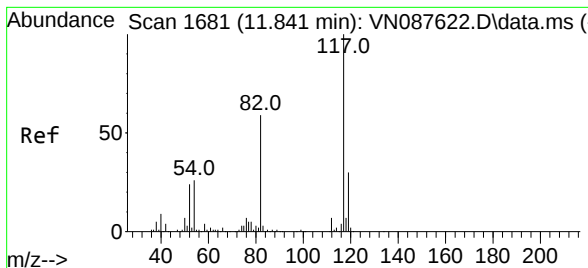
Tgt Ion: 98 Resp: 538390
Ion Ratio Lower Upper
98 100
100 65.4 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 43.497 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087886.D
Acq: 18 Sep 2025 10:58

Tgt Ion: 95 Resp: 180611
Ion Ratio Lower Upper
95 100
174 76.7 0.0 138.4
176 73.6 0.0 132.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.847 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN087886.D

Acq: 18 Sep 2025 10:58

Instrument :

MSVOA_N

ClientSampleId :

VN0918MBL01

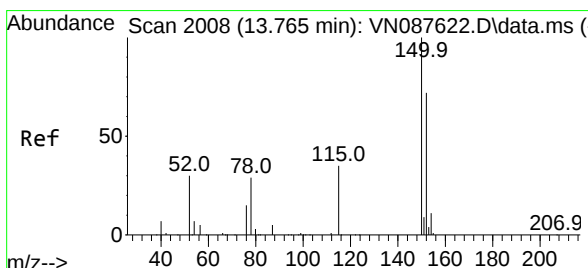
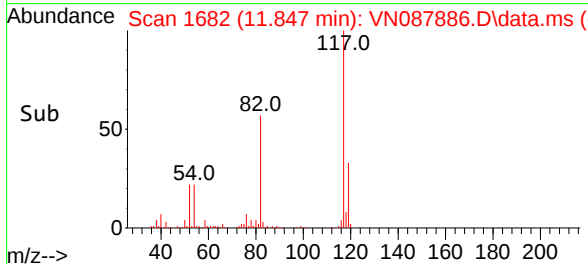
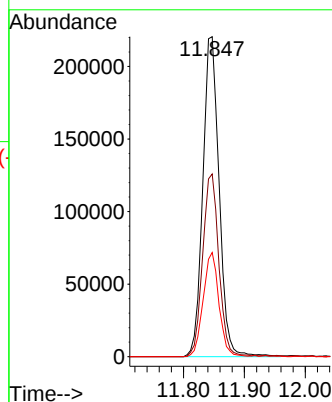
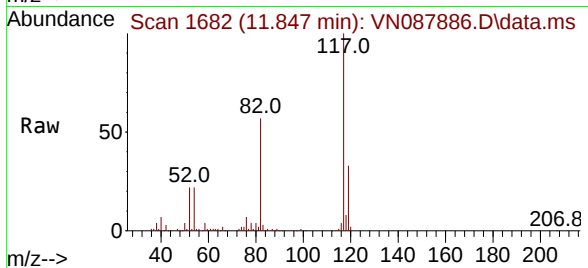
Tgt Ion:117 Resp: 409974

Ion Ratio Lower Upper

117 100

82 57.1 47.4 71.2

119 32.6 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: VN087886.D

Acq: 18 Sep 2025 10:58

Tgt Ion:152 Resp: 189133

Ion Ratio Lower Upper

152 100

115 61.9 32.3 96.8

150 159.7 0.0 351.0

