

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102425\
 Data File : VN088092.D
 Acq On : 24 Oct 2025 14:37
 Operator : JC\MD
 Sample : Q3373-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Oct 25 01:05:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 25 00:15:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	245209	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	553144	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	540772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	258988	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	273052	64.396	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 128.800%#	
35) Dibromofluoromethane	8.147	113	198567	53.435	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.860%	
50) Toluene-d8	10.547	98	714108	49.873	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.740%	
62) 4-Bromofluorobenzene	12.829	95	283566	56.076	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 112.160%	

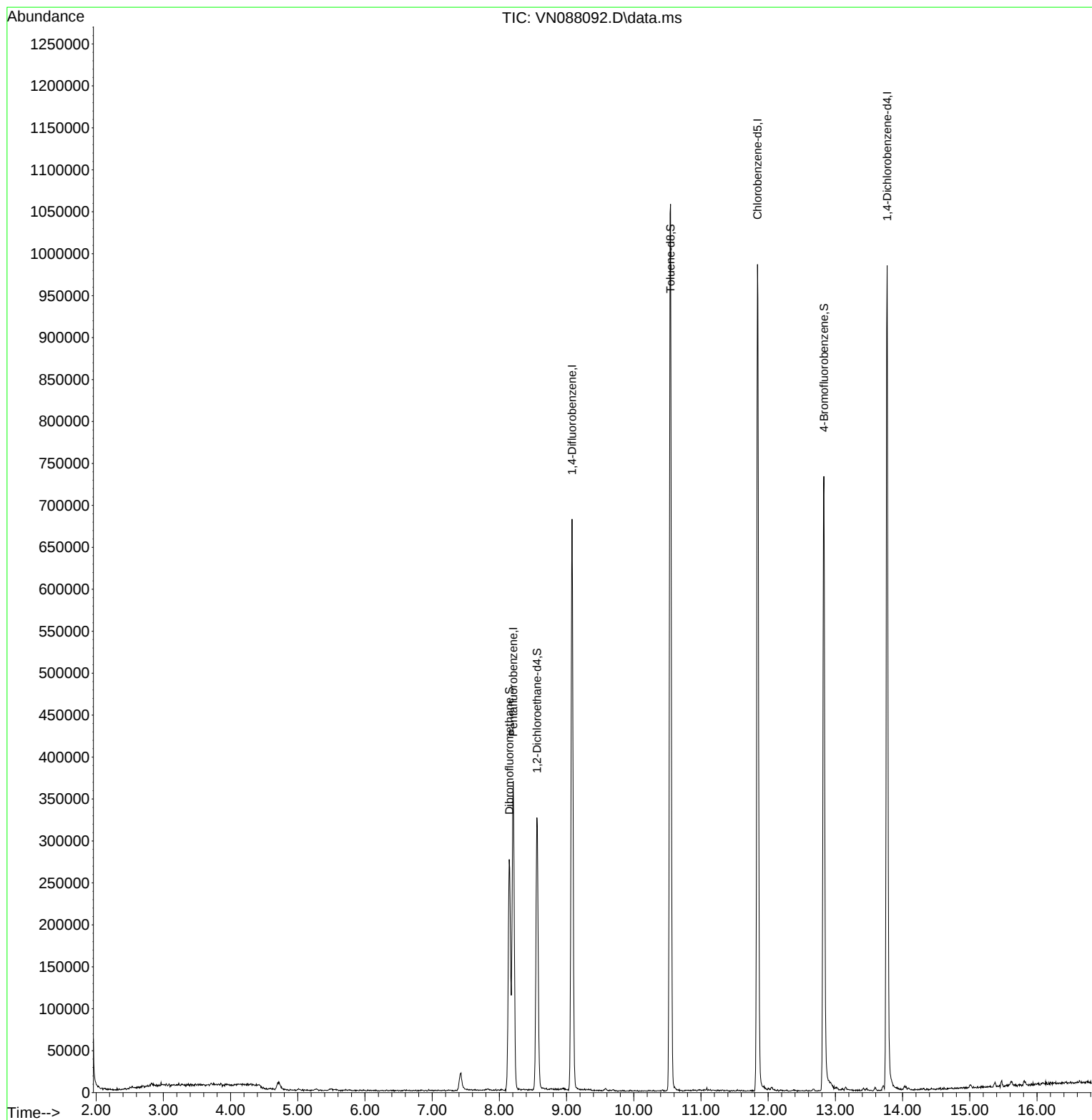
Target Compounds	Qvalue

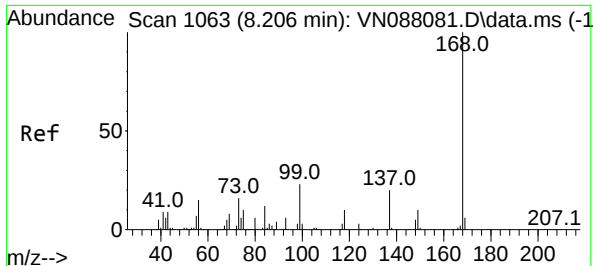
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102425\
Data File : VN088092.D
Acq On : 24 Oct 2025 14:37
Operator : JC\MD
Sample : Q3373-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Quant Time: Oct 25 01:05:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 25 00:15:22 2025
Response via : Initial Calibration

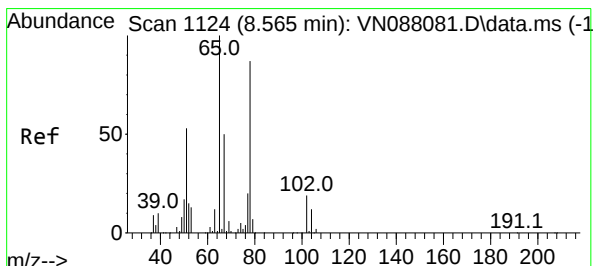
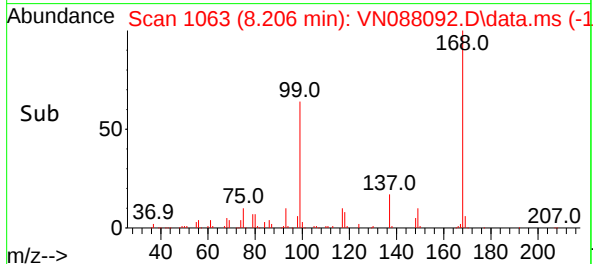
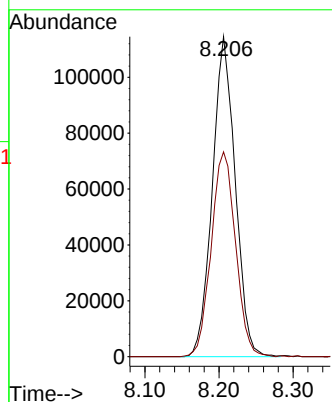
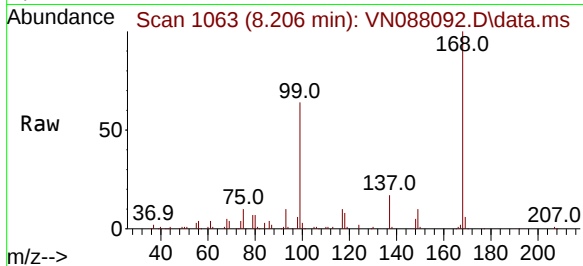




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088092.D
Acq: 24 Oct 2025 14:37

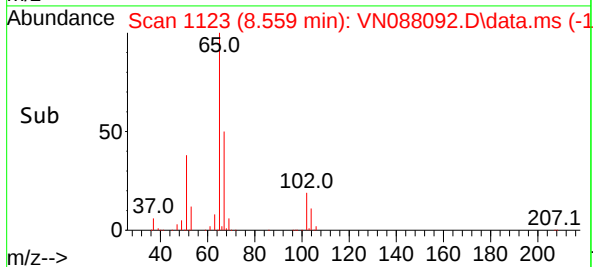
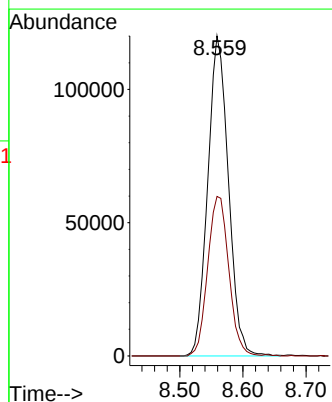
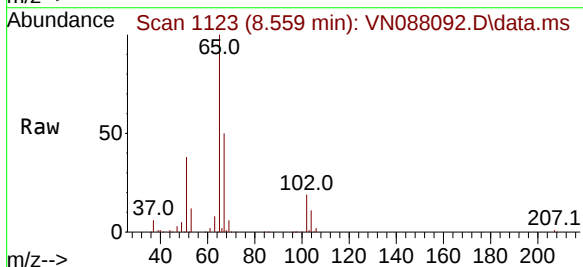
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

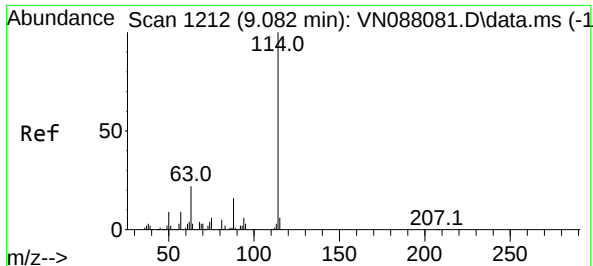
Tgt Ion:168 Resp: 245209
Ion Ratio Lower Upper
168 100
99 64.0 57.2 85.8



#33
1,2-Dichloroethane-d4
Concen: 64.396 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088092.D
Acq: 24 Oct 2025 14:37

Tgt Ion: 65 Resp: 273052
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: VN088092.D

Acq: 24 Oct 2025 14:37

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

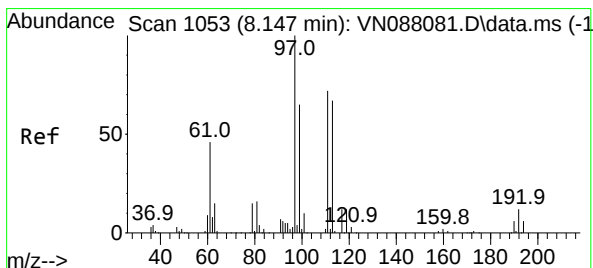
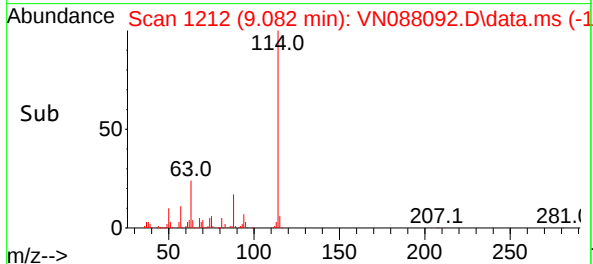
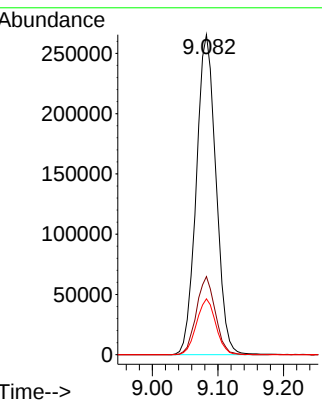
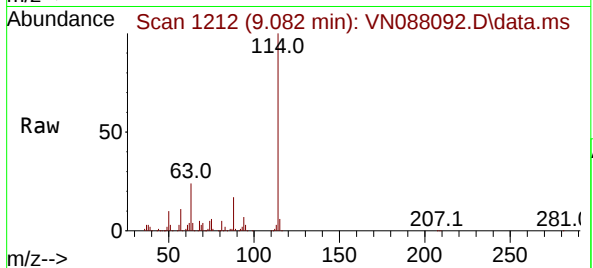
Tgt Ion:114 Resp: 553144

Ion Ratio Lower Upper

114 100

63 24.4 0.0 45.2

88 17.4 0.0 33.4



#35

Dibromofluoromethane

Concen: 53.435 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088092.D

Acq: 24 Oct 2025 14:37

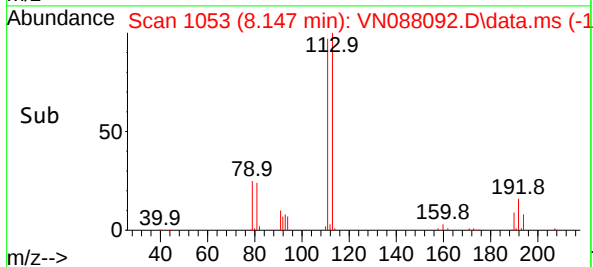
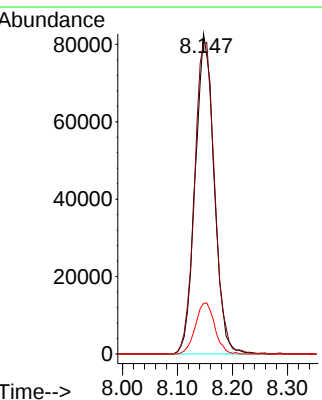
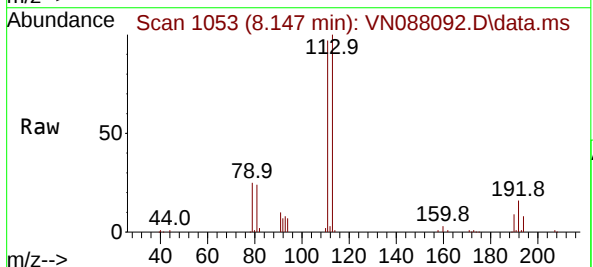
Tgt Ion:113 Resp: 198567

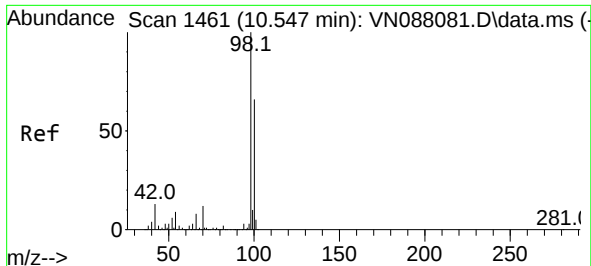
Ion Ratio Lower Upper

113 100

111 102.3 82.8 124.2

192 16.3 12.8 19.2

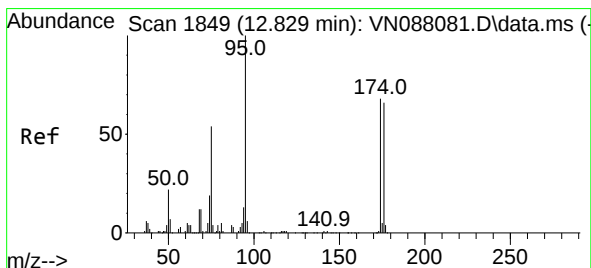
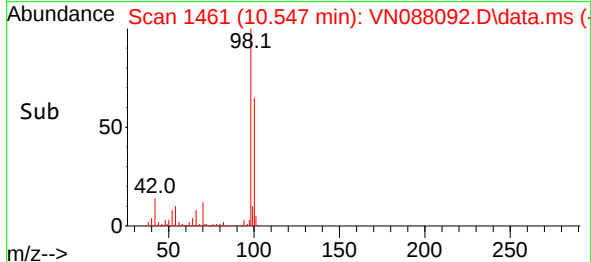
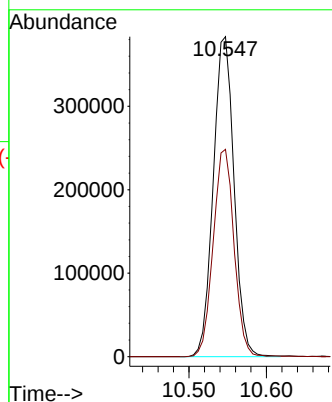
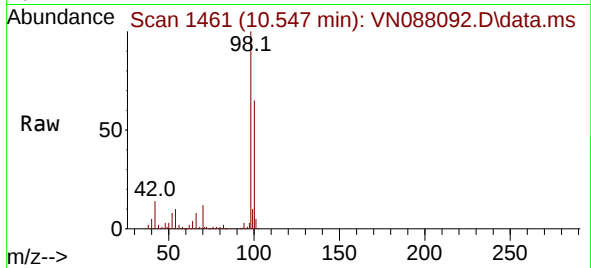




#50
Toluene-d8
Concen: 49.873 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN088092.D
Acq: 24 Oct 2025 14:37

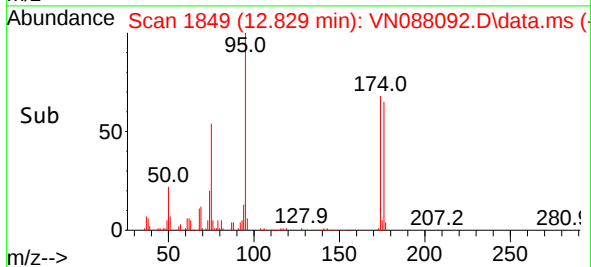
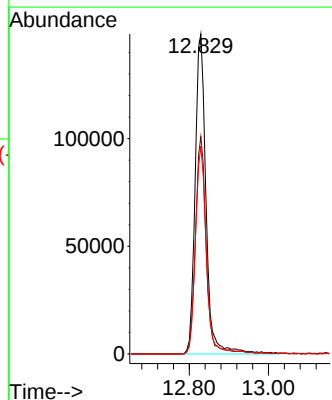
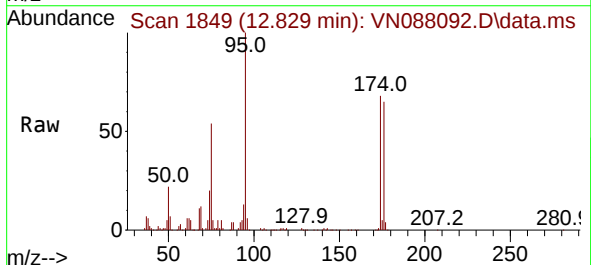
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

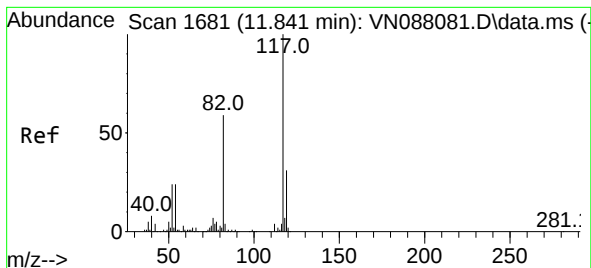
Tgt Ion: 98 Resp: 714108
Ion Ratio Lower Upper
98 100
100 65.1 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 56.076 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088092.D
Acq: 24 Oct 2025 14:37

Tgt Ion: 95 Resp: 283566
Ion Ratio Lower Upper
95 100
174 66.2 0.0 138.4
176 62.9 0.0 132.6

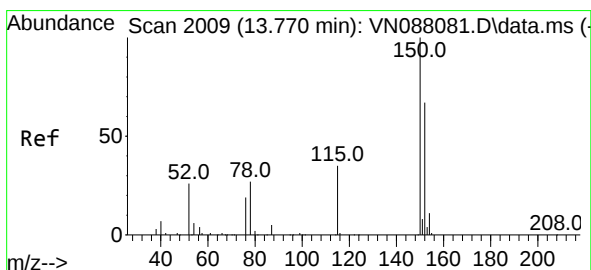
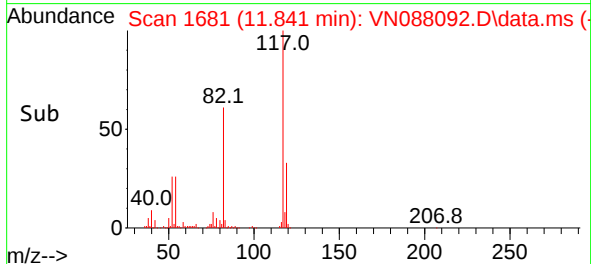
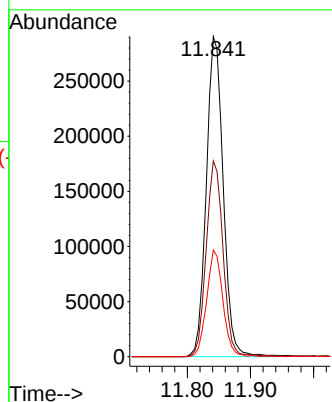
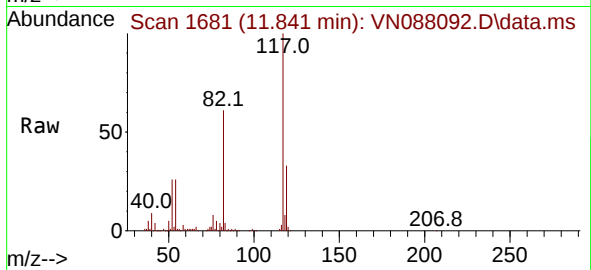




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088092.D
Acq: 24 Oct 2025 14:37

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tgt Ion:117 Resp: 540772
Ion Ratio Lower Upper
117 100
82 61.1 47.4 71.2
119 33.3 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: VN088092.D
Acq: 24 Oct 2025 14:37

Tgt Ion:152 Resp: 258988
Ion Ratio Lower Upper
152 100
115 65.9 32.3 96.8
150 157.4 0.0 351.0

