

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102825\
 Data File : VN088143.D
 Acq On : 28 Oct 2025 16:24
 Operator : JC\MD
 Sample : Q3477-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SOUTH-MAHWAH-WATER

Quant Time: Oct 29 02:28:16 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)

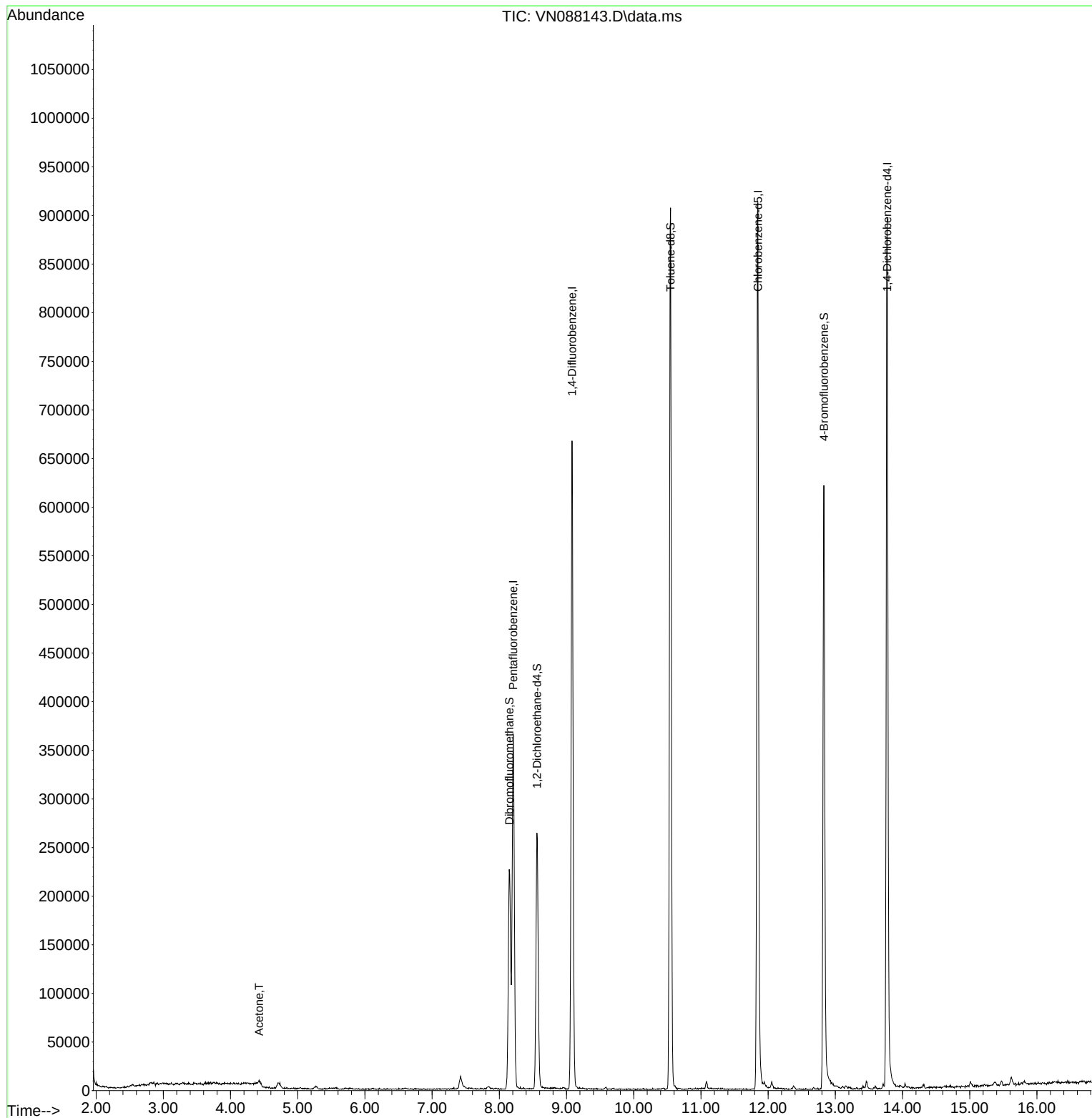
Internal Standards						
1) Pentafluorobenzene	8.206	168	239370	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	541511	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	502020	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	242841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	221126	53.422	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.840%
35) Dibromofluoromethane	8.147	113	163794	45.024	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.040%
50) Toluene-d8	10.547	98	612015	43.661	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	87.320%
62) 4-Bromofluorobenzene	12.829	95	233958	47.260	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.520%
Target Compounds						
16) Acetone	4.424	43	9724	4.676	ug/l	Qvalue 91

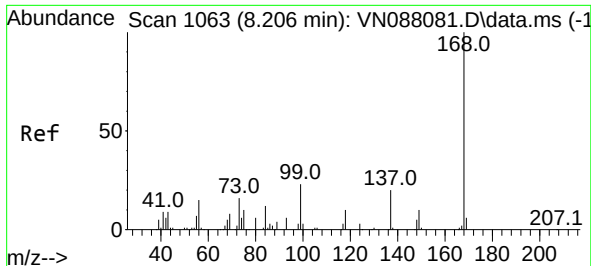
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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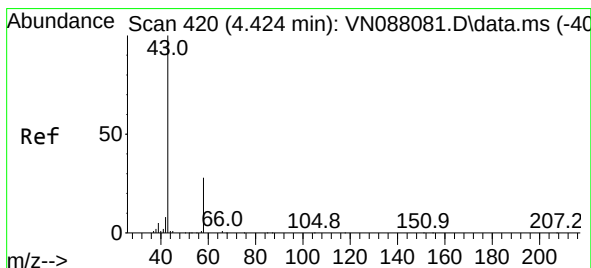
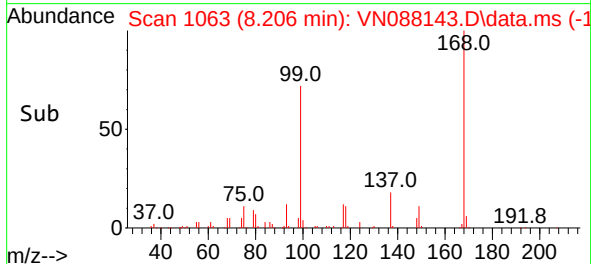
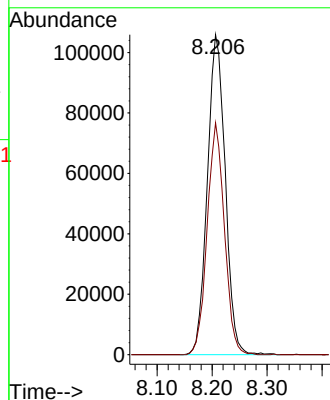
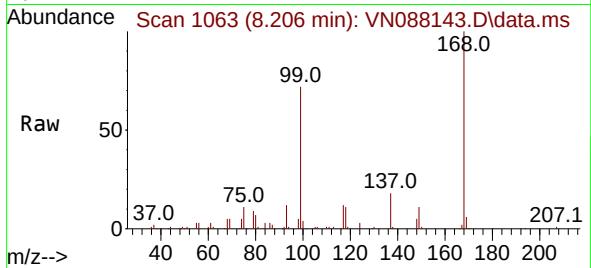




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088143.D
Acq: 28 Oct 2025 16:24

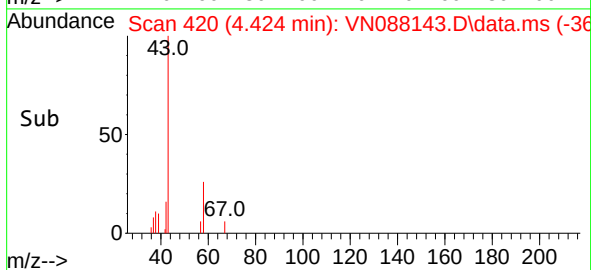
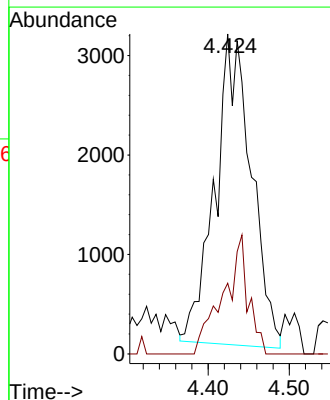
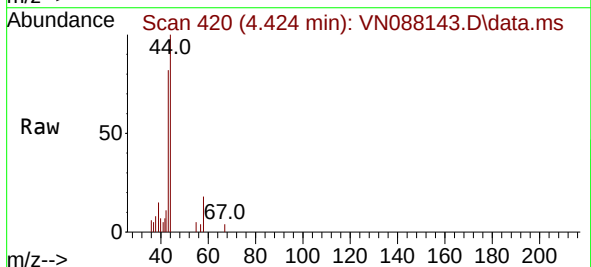
Instrument :
MSVOA_N
ClientSampleId :
SOUTH-MAHWAH-WATER

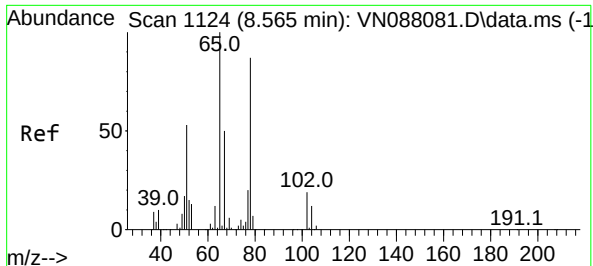
Tgt Ion:168 Resp: 239370
Ion Ratio Lower Upper
168 100
99 72.5 57.2 85.8



#16
Acetone
Concen: 4.676 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN088143.D
Acq: 28 Oct 2025 16:24

Tgt Ion: 43 Resp: 9724
Ion Ratio Lower Upper
43 100
58 23.4 22.6 33.8





#33

1,2-Dichloroethane-d4

Concen: 53.422 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN088143.D

Acq: 28 Oct 2025 16:24

Instrument :

MSVOA_N

ClientSampleId :

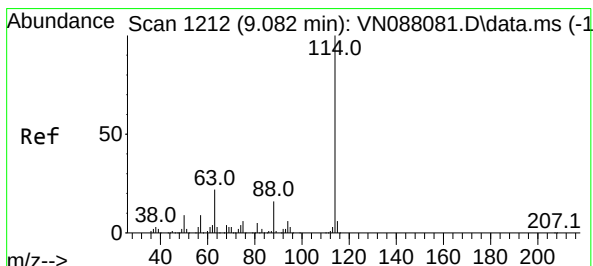
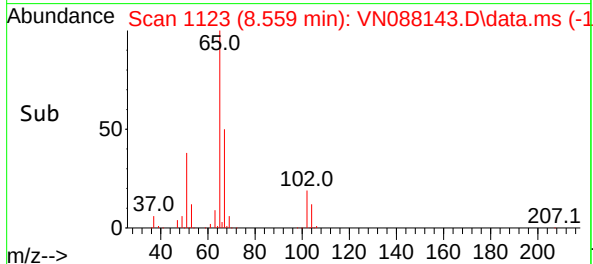
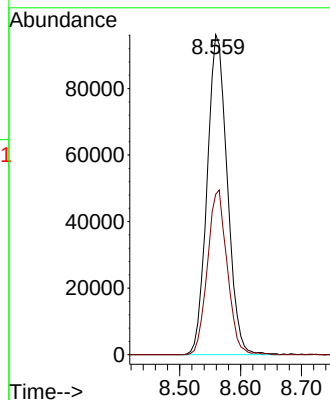
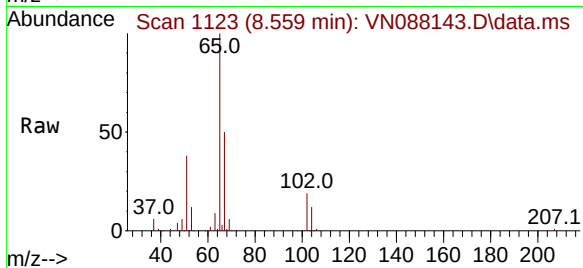
SOUTH-MAHWAH-WATER

Tgt Ion: 65 Resp: 221126

Ion Ratio Lower Upper

65 100

67 50.4 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN088143.D

Acq: 28 Oct 2025 16:24

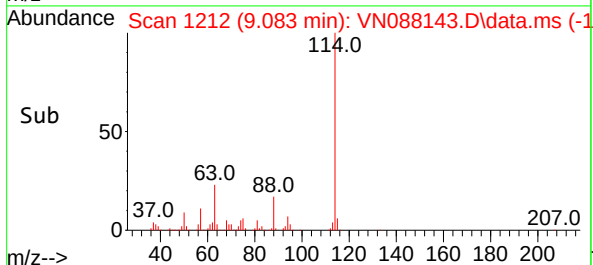
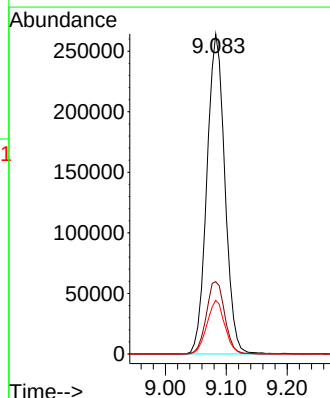
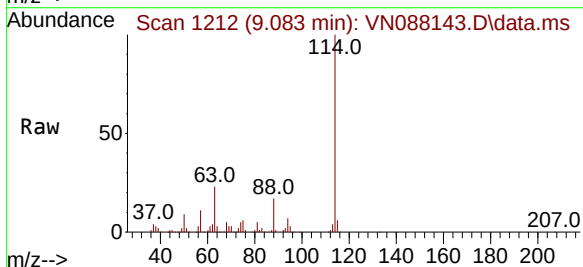
Tgt Ion: 114 Resp: 541511

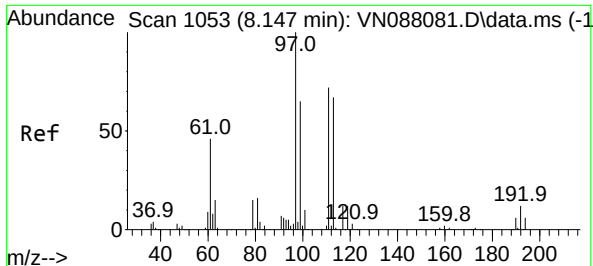
Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.2

88 16.8 0.0 33.4

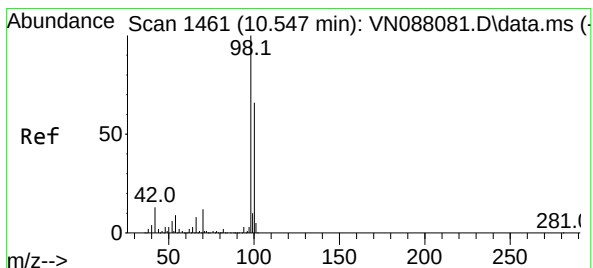
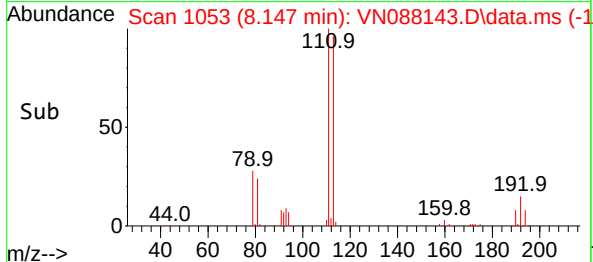
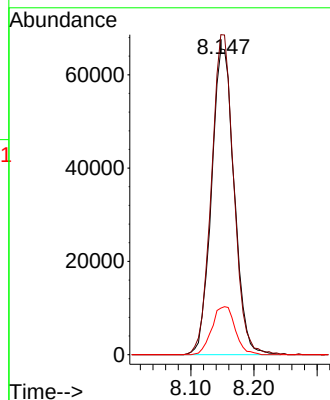
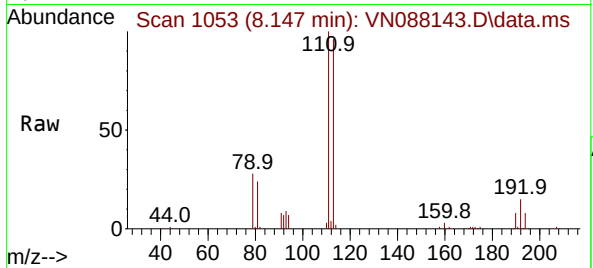




#35
Dibromofluoromethane
Concen: 45.024 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088143.D
Acq: 28 Oct 2025 16:24

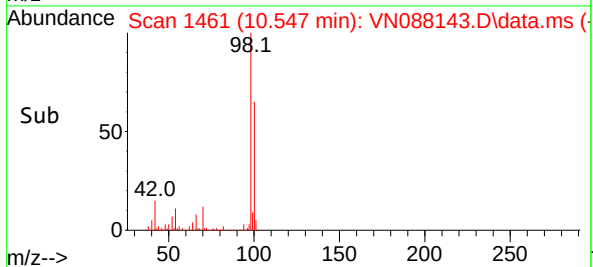
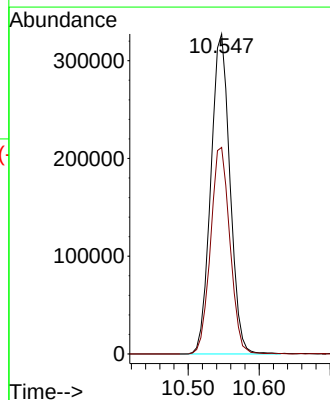
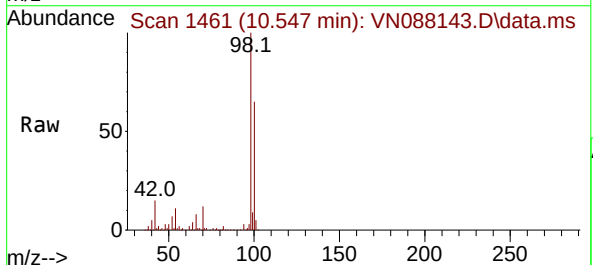
Instrument :
MSVOA_N
ClientSampleId :
SOUTH-MAHWAH-WATER

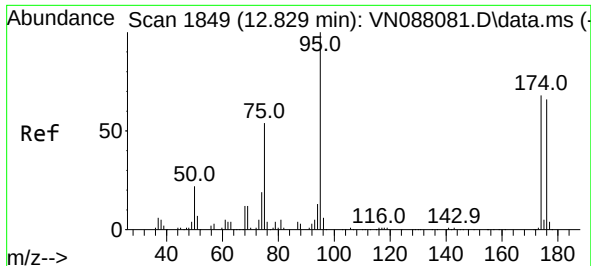
Tgt Ion:113 Resp: 163794
Ion Ratio Lower Upper
113 100
111 102.8 82.8 124.2
192 16.1 12.8 19.2



#50
Toluene-d8
Concen: 43.661 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN088143.D
Acq: 28 Oct 2025 16:24

Tgt Ion: 98 Resp: 612015
Ion Ratio Lower Upper
98 100
100 65.2 52.8 79.2

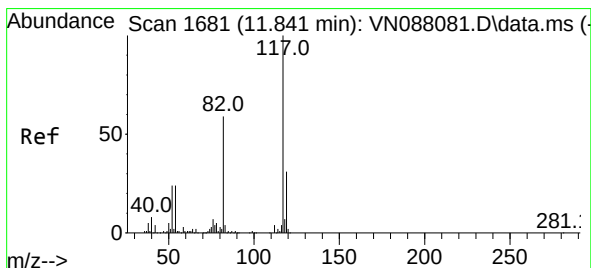
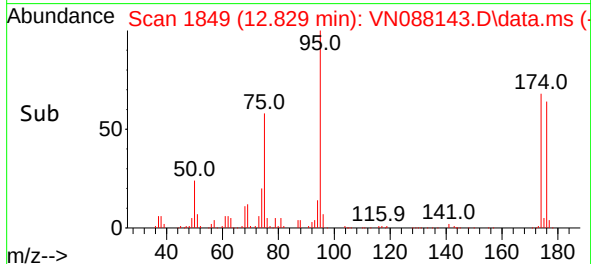
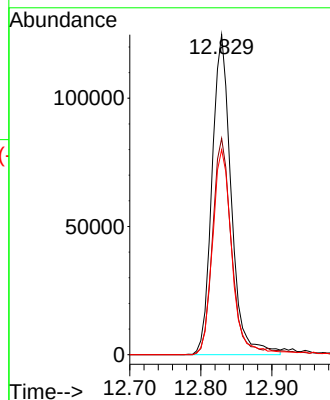
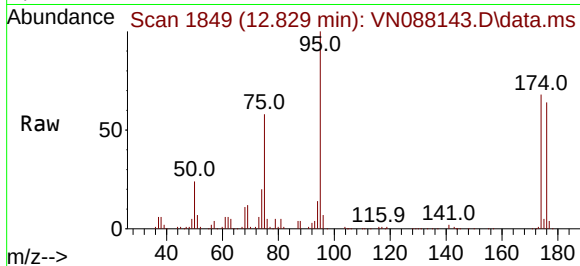




#62
4-Bromofluorobenzene
Concen: 47.260 ug/l
RT: 12.829 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088143.D
Acq: 28 Oct 2025 16:24

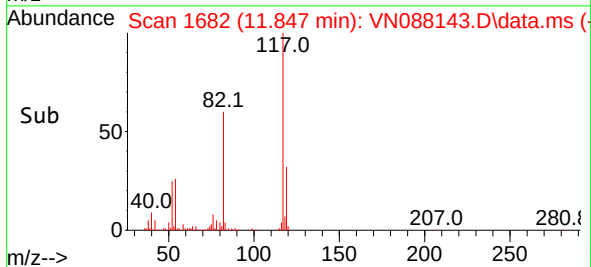
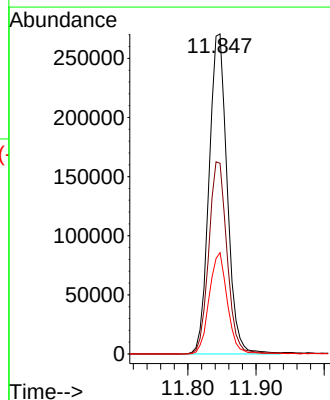
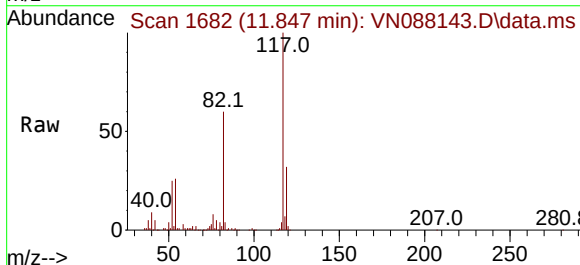
Instrument :
MSVOA_N
ClientSampleId :
SOUTH-MAHWAH-WATER

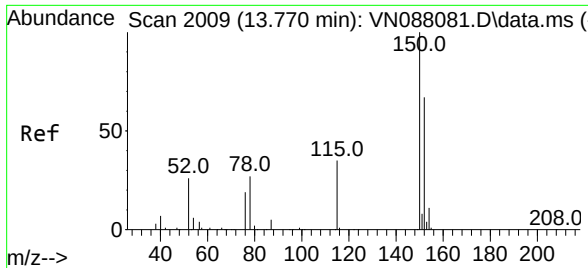
Tgt Ion: 95 Resp: 233958
Ion Ratio Lower Upper
95 100
174 68.4 0.0 138.4
176 66.0 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN088143.D
Acq: 28 Oct 2025 16:24

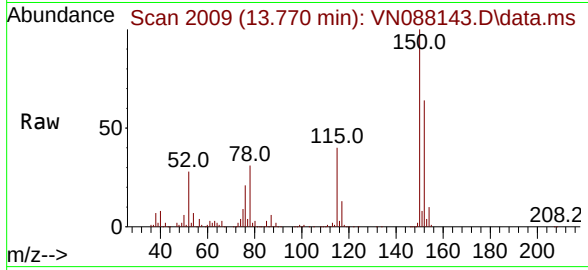
Tgt Ion: 117 Resp: 502020
Ion Ratio Lower Upper
117 100
82 59.6 47.4 71.2
119 31.6 24.3 36.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.770 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN088143.D
 Acq: 28 Oct 2025 16:24

Instrument :
 MSVOA_N
 ClientSampleId :
 SOUTH-MAHWAH-WATER



Tgt Ion:	152	Resp:	242841
Ion Ratio	Lower	Upper	
152	100		
115	63.8	32.3	96.8
150	159.3	0.0	351.0

