

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112025\
 Data File : VN088330.D
 Acq On : 20 Nov 2025 14:28
 Operator : JC\MD
 Sample : Q3676-04DL 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-DSN-002DL

Quant Time: Nov 21 03:03:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 14 00:49:21 2025
 Response via : Initial Calibration

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

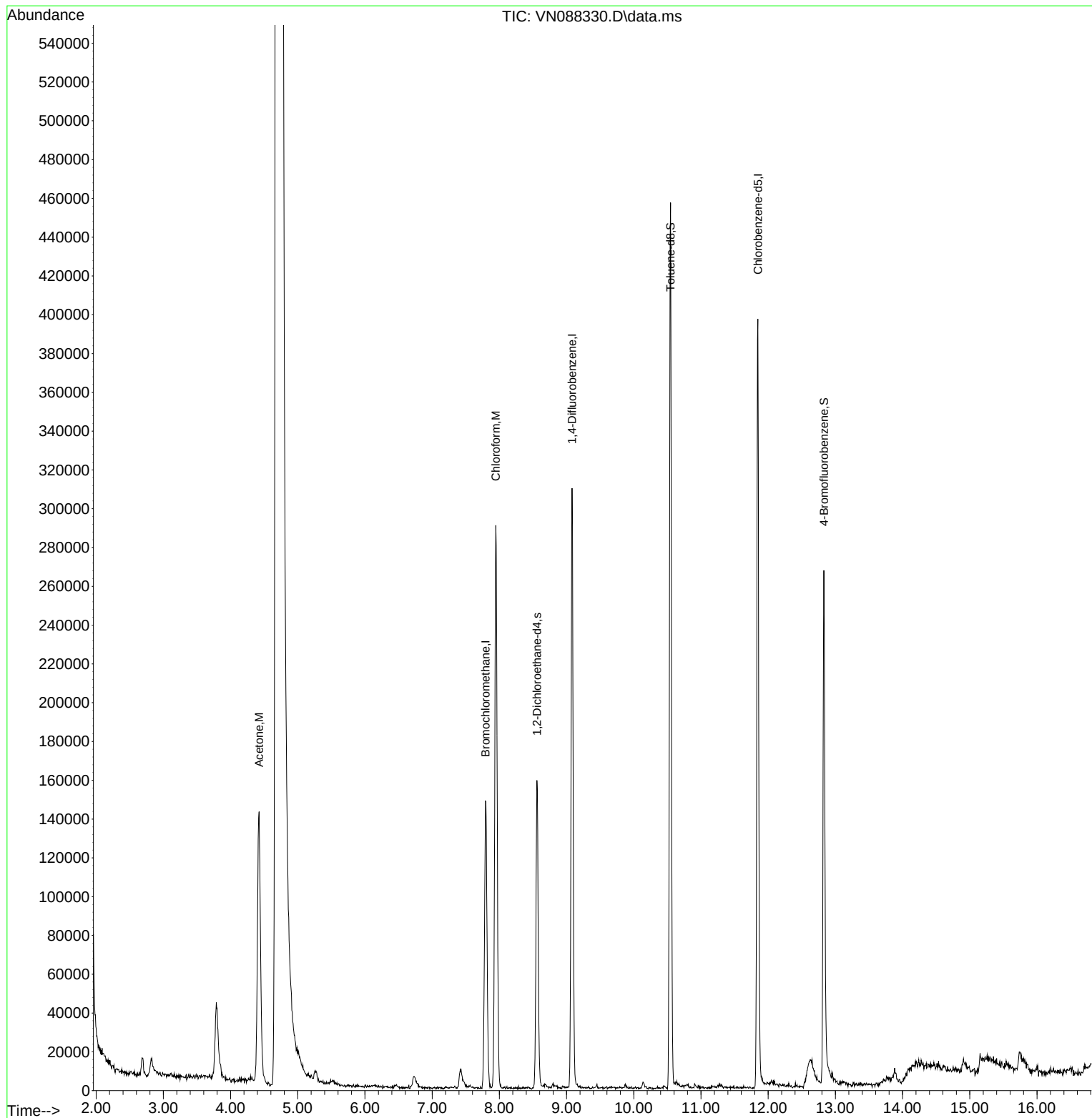
Internal Standards						
1) Bromochloromethane	7.794	128	49691	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	255521	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	221473	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	130145	28.673	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	95.567%
60) 4-Bromofluorobenzene	12.829	95	98672	26.355	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	87.867%
63) Toluene-d8	10.547	98	312806	29.833	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.433%
Target Compounds						
					Qvalue	
15) Acetone	4.424	58	80797	137.933	ug/l	99
25) Chloroform	7.947	83	280865	44.340	ug/l	97

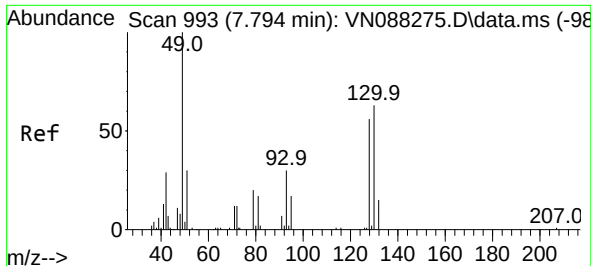
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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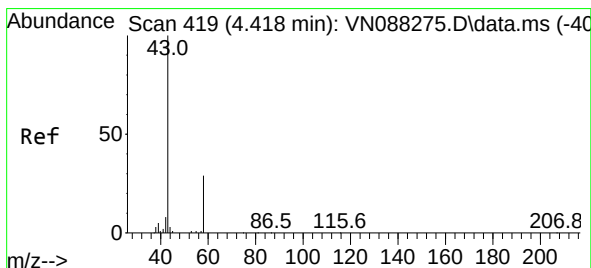
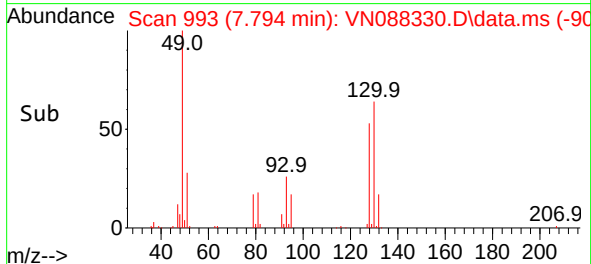
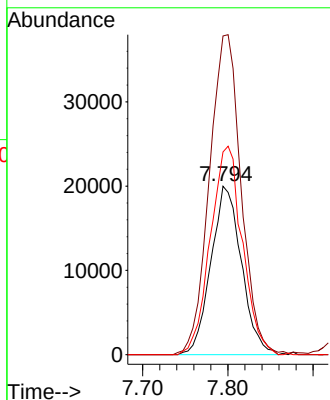
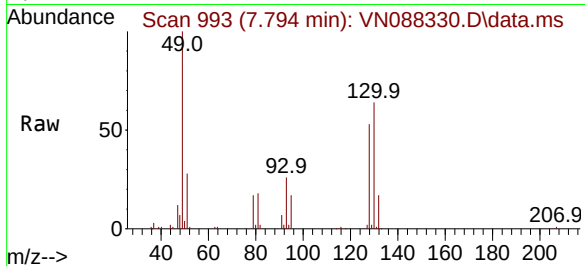




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.000 min
Lab File: VN088330.D
Acq: 20 Nov 2025 14:28

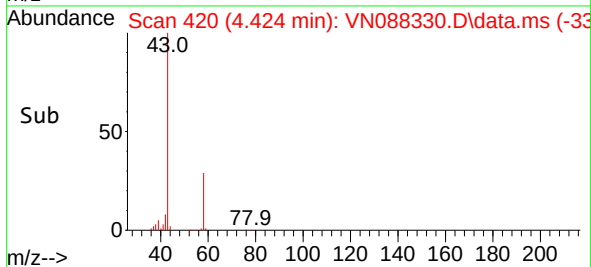
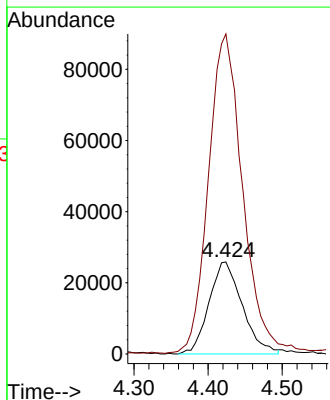
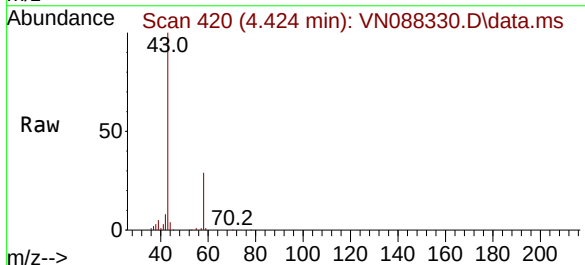
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-002DL

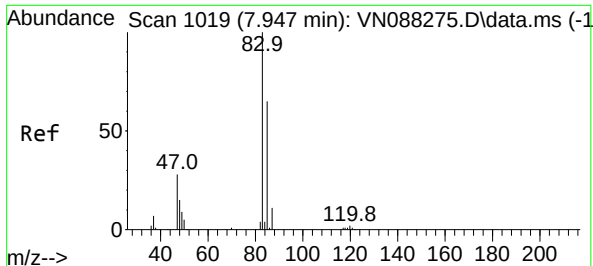
Tgt Ion:128 Resp: 49691
Ion Ratio Lower Upper
128 100
49 197.9 0.0 501.2
130 129.8 0.0 320.2



#15
Acetone
Concen: 137.933 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN088330.D
Acq: 20 Nov 2025 14:28

Tgt Ion: 58 Resp: 80797
Ion Ratio Lower Upper
58 100
43 344.7 273.9 410.9





#25

Chloroform

Concen: 44.340 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VN088330.D

Acq: 20 Nov 2025 14:28

Instrument :

MSVOA_N

ClientSampleId :

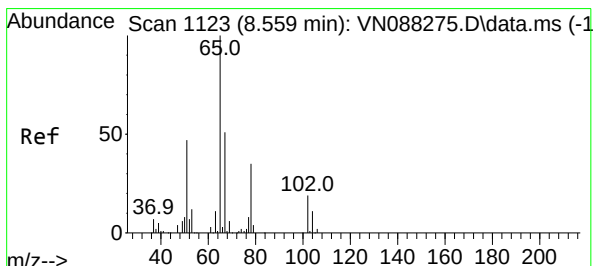
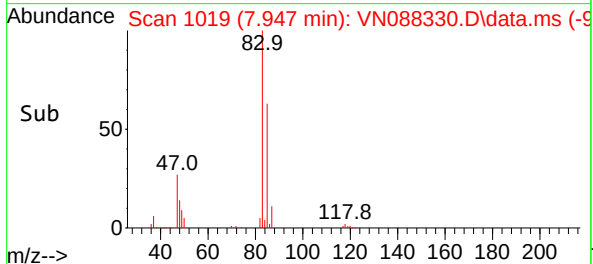
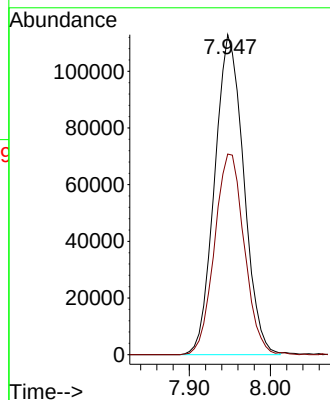
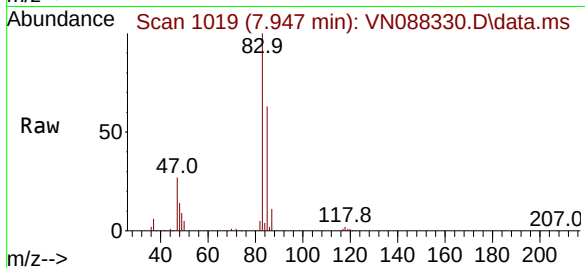
OUTFALL-DSN-002DL

Tgt Ion: 83 Resp: 280865

Ion Ratio Lower Upper

83 100

85 62.7 52.2 78.4



#27

1,2-Dichloroethane-d4

Concen: 28.673 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN088330.D

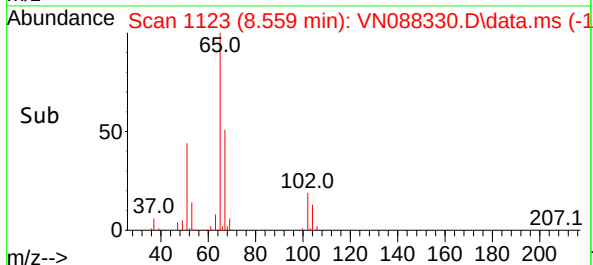
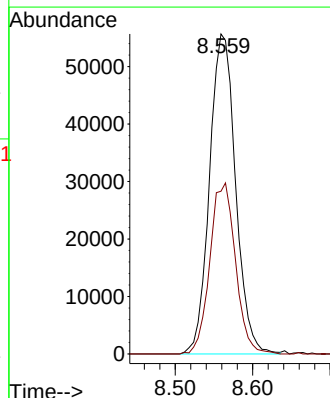
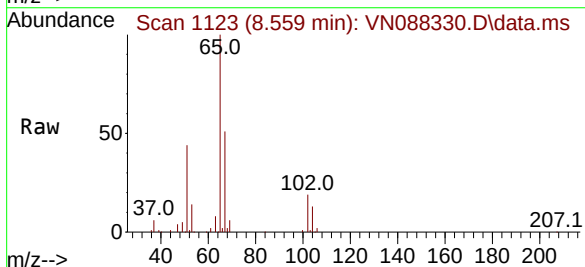
Acq: 20 Nov 2025 14:28

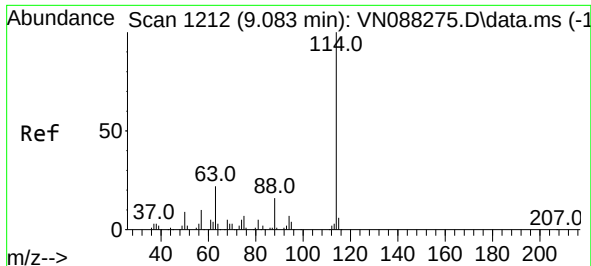
Tgt Ion: 65 Resp: 130145

Ion Ratio Lower Upper

65 100

67 52.6 40.2 60.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.082 min Scan# 1114

Delta R.T. -0.000 min

Lab File: VN088330.D

Acq: 20 Nov 2025 14:28

Instrument :

MSVOA_N

ClientSampleId :

OUTFALL-DSN-002DL

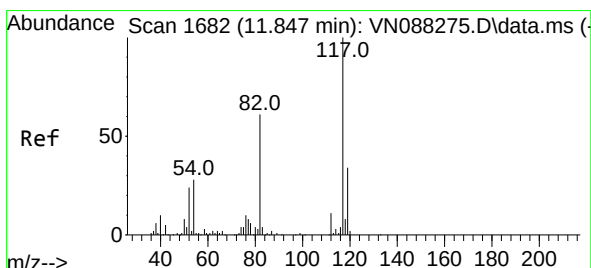
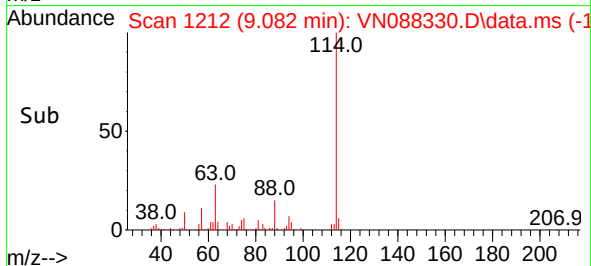
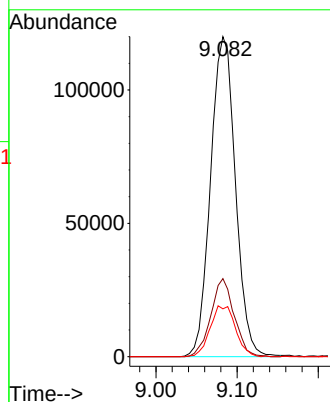
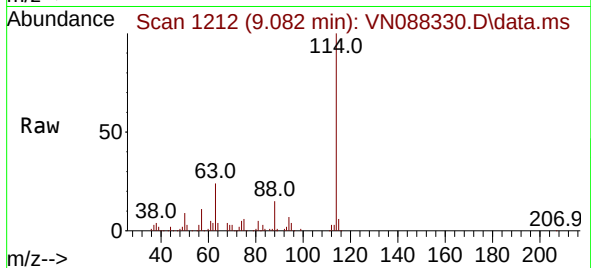
Tgt Ion:114 Resp: 255521

Ion Ratio Lower Upper

114 100

63 22.9 18.9 28.3

88 16.1 12.8 19.2



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.847 min Scan# 1682

Delta R.T. -0.000 min

Lab File: VN088330.D

Acq: 20 Nov 2025 14:28

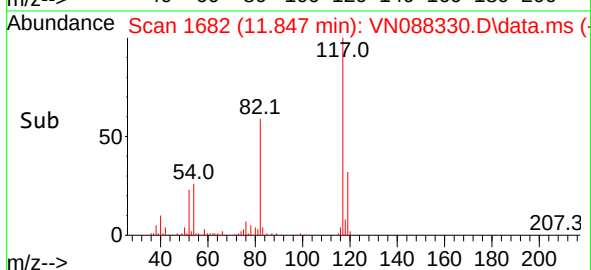
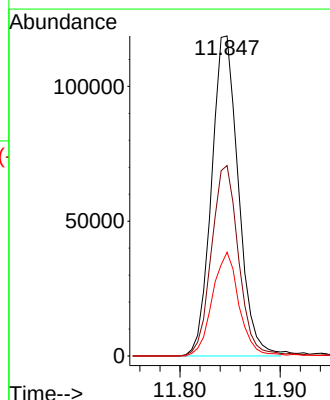
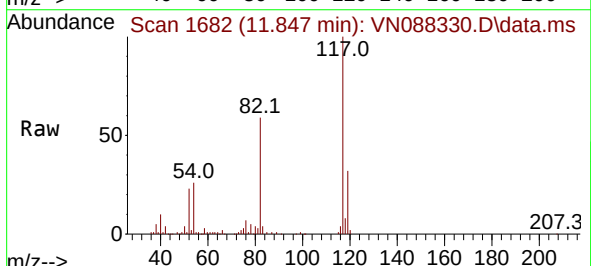
Tgt Ion:117 Resp: 221473

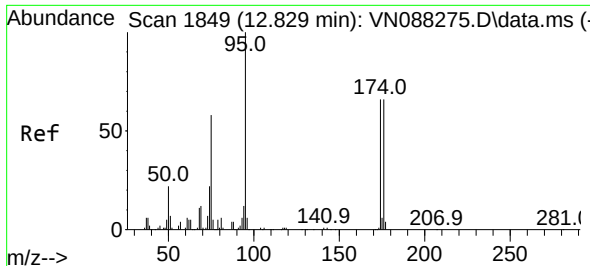
Ion Ratio Lower Upper

117 100

82 59.8 49.3 73.9

119 32.0 26.4 39.6

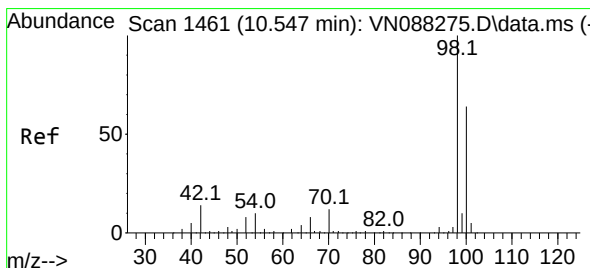
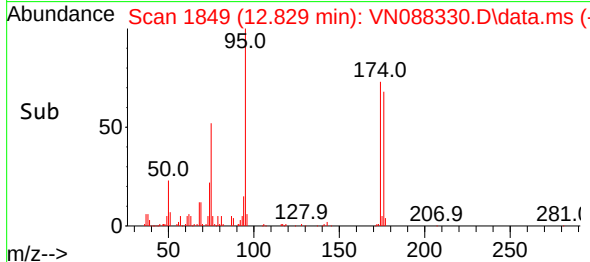
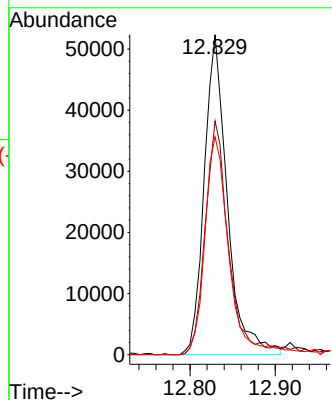
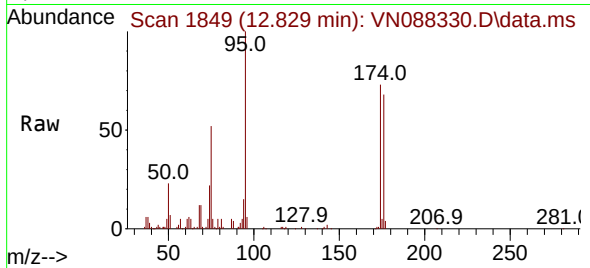




#60
4-Bromofluorobenzene
Concen: 26.355 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN088330.D
Acq: 20 Nov 2025 14:28

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-002DL

Tgt Ion: 95 Resp: 98672
Ion Ratio Lower Upper
95 100
174 70.8 54.5 81.7
176 68.5 53.8 80.6



#63
Toluene-d8
Concen: 29.833 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN088330.D
Acq: 20 Nov 2025 14:28

Tgt Ion: 98 Resp: 312806
Ion Ratio Lower Upper
98 100
100 64.1 51.6 77.4

