

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101725\
 Data File : VN088067.D
 Acq On : 17 Oct 2025 15:18
 Operator : JC\MD
 Sample : Q3385-01 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WW

Quant Time: Oct 18 01:30:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100825W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 09 02:36:32 2025
 Response via : Initial Calibration

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

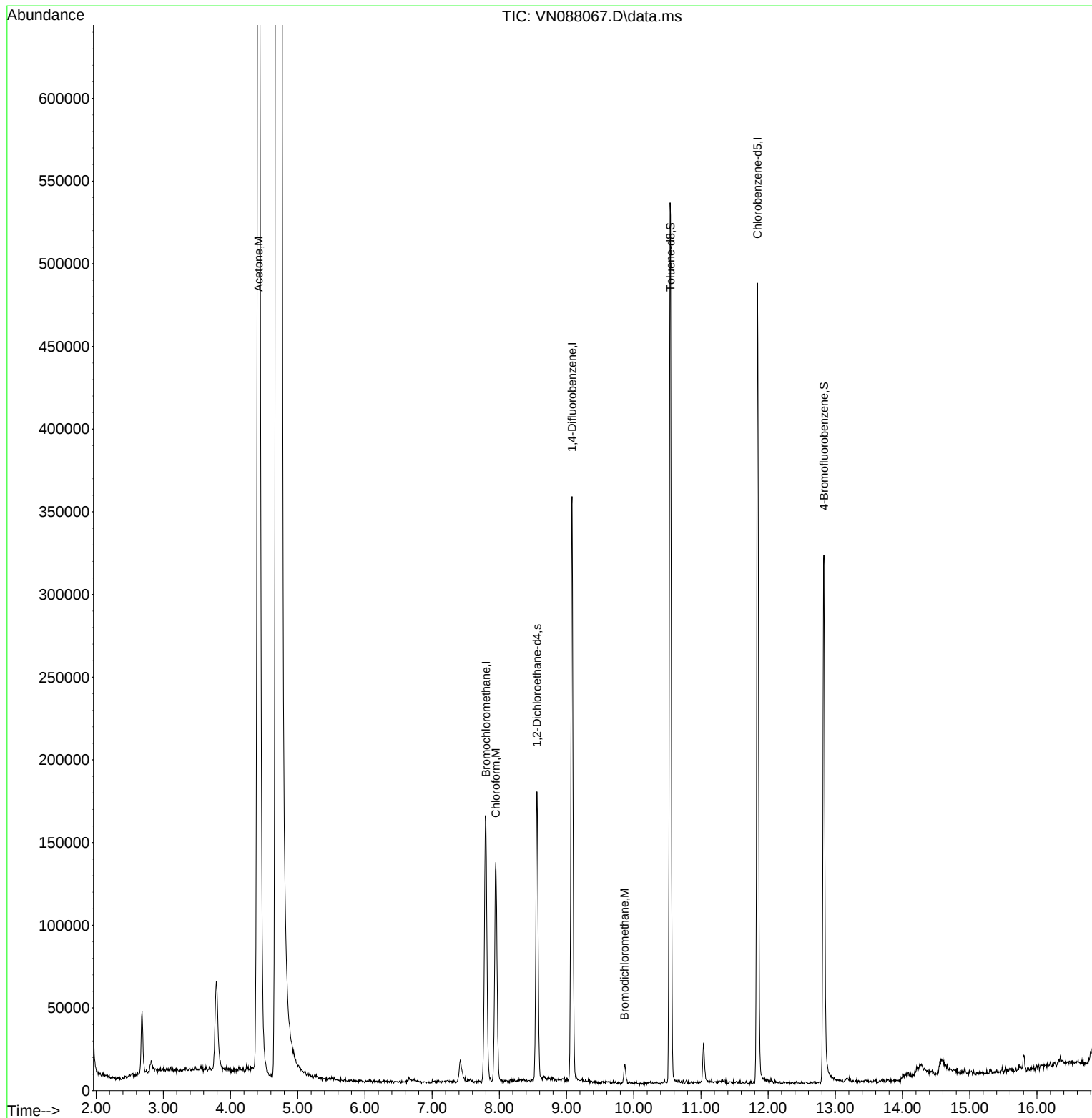
Internal Standards						
1) Bromochloromethane	7.800	128	53709	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	301412	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	265721	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	144735	34.607	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	115.367%#
60) 4-Bromofluorobenzene	12.829	95	127279	29.055	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.867%
63) Toluene-d8	10.547	98	371382	31.369	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	104.567%
Target Compounds						
					Qvalue	
15) Acetone	4.418	58	586244	903.555	ug/l	95
25) Chloroform	7.947	83	129328	19.844	ug/l	98
41) Bromodichloromethane	9.865	83	7954	1.489	ug/l #	94

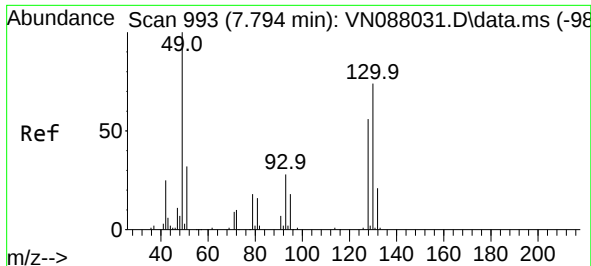
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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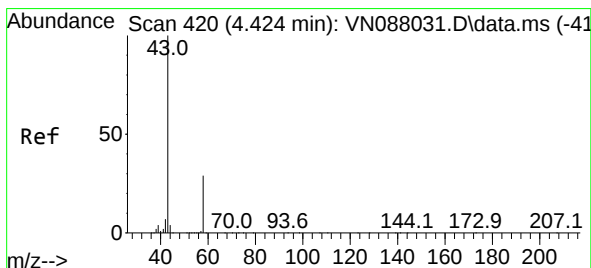
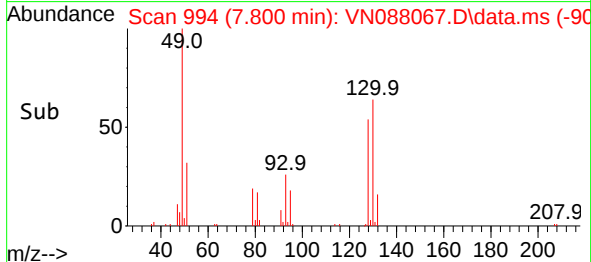
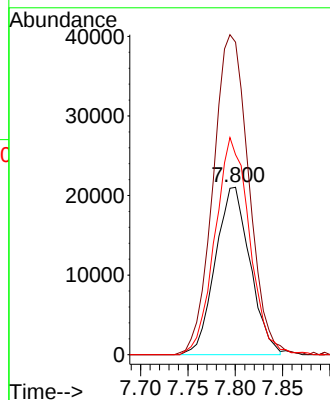
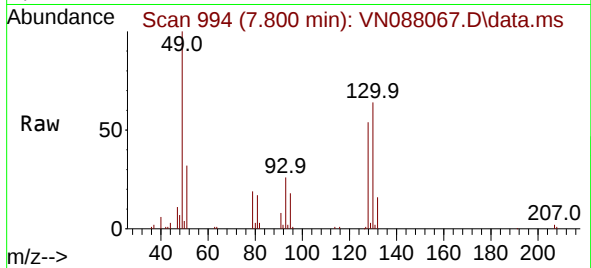




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 993
Delta R.T. 0.006 min
Lab File: VN088067.D
Acq: 17 Oct 2025 15:18

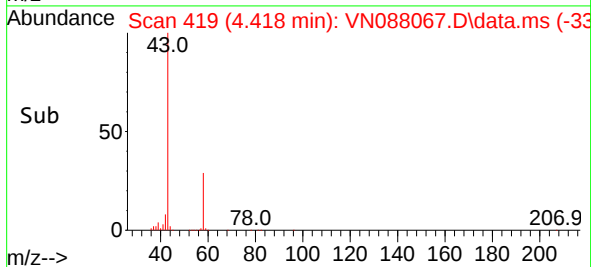
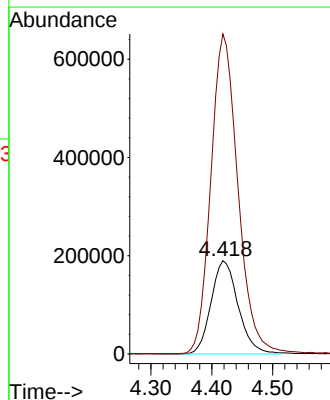
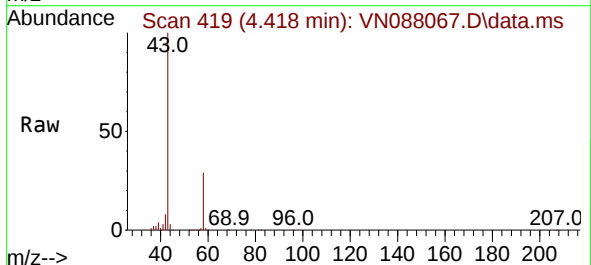
Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

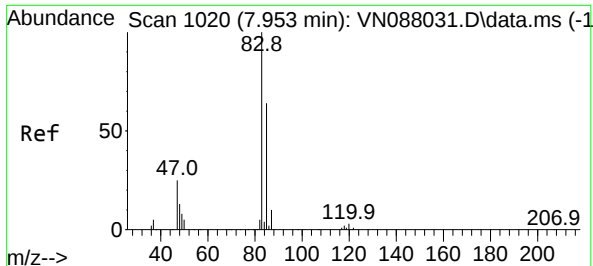
Tgt Ion:128 Resp: 53709
Ion Ratio Lower Upper
128 100
49 196.3 0.0 439.8
130 128.8 0.0 325.8



#15
Acetone
Concen: 903.555 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN088067.D
Acq: 17 Oct 2025 15:18

Tgt Ion: 58 Resp: 586244
Ion Ratio Lower Upper
58 100
43 342.2 282.6 424.0





#25

Chloroform

Concen: 19.844 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VN088067.D

Acq: 17 Oct 2025 15:18

Instrument :

MSVOA_N

ClientSampleId :

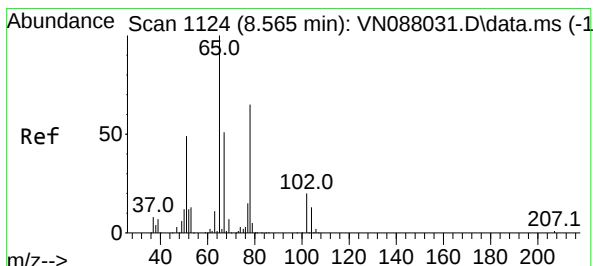
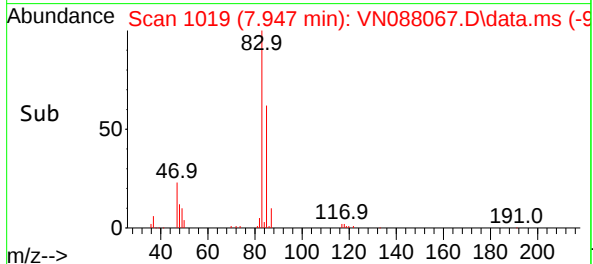
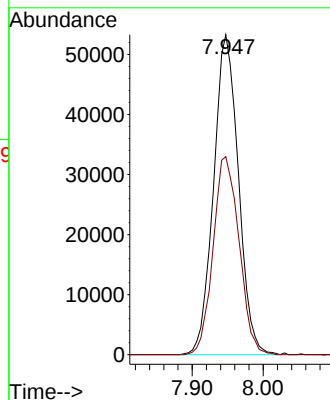
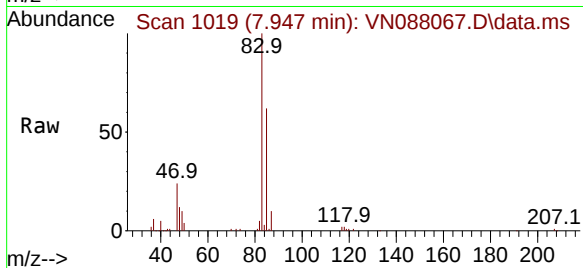
EFF-WW

Tgt Ion: 83 Resp: 129328

Ion Ratio Lower Upper

83 100

85 61.9 50.9 76.3



#27

1,2-Dichloroethane-d4

Concen: 34.607 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.006 min

Lab File: VN088067.D

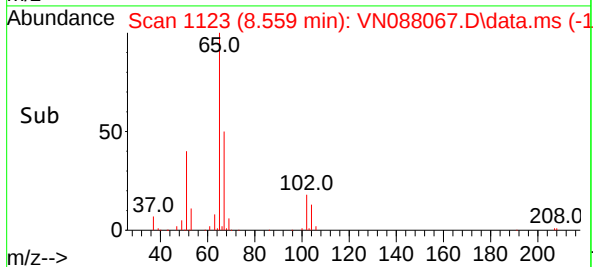
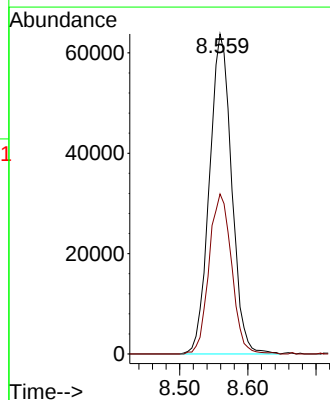
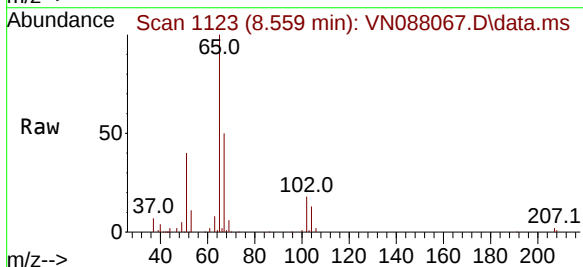
Acq: 17 Oct 2025 15:18

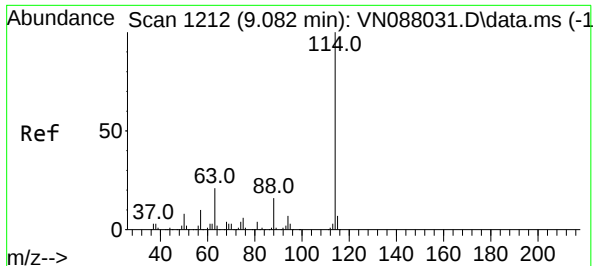
Tgt Ion: 65 Resp: 144735

Ion Ratio Lower Upper

65 100

67 50.7 41.9 62.9





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.083 min Scan# 114

Delta R.T. 0.000 min

Lab File: VN088067.D

Acq: 17 Oct 2025 15:18

Instrument :

MSVOA_N

ClientSampleId :

EFF-WW

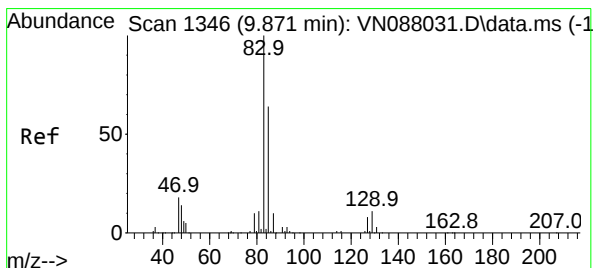
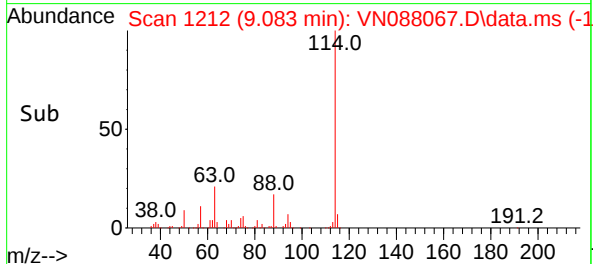
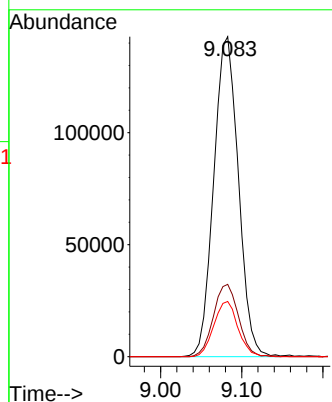
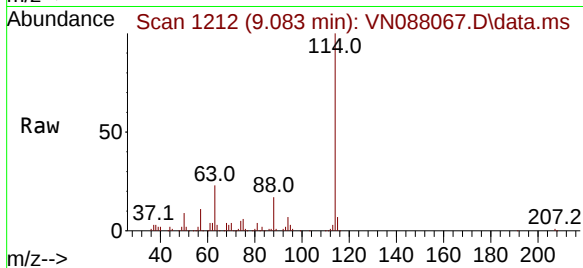
Tgt Ion:114 Resp: 301412

Ion Ratio Lower Upper

114 100

63 23.0 16.6 25.0

88 16.9 12.6 18.8



#41

Bromodichloromethane

Concen: 1.489 ug/l

RT: 9.865 min Scan# 1345

Delta R.T. -0.006 min

Lab File: VN088067.D

Acq: 17 Oct 2025 15:18

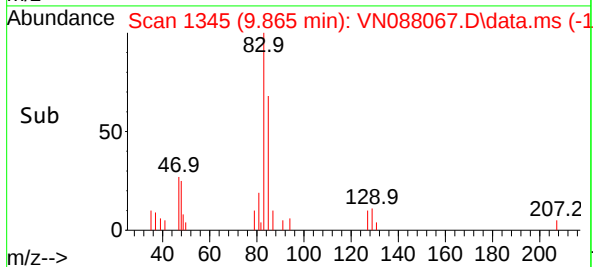
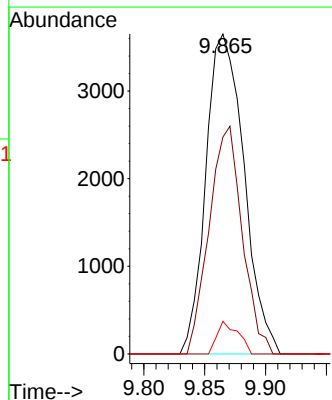
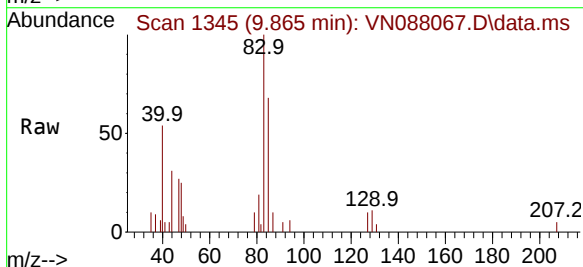
Tgt Ion: 83 Resp: 7954

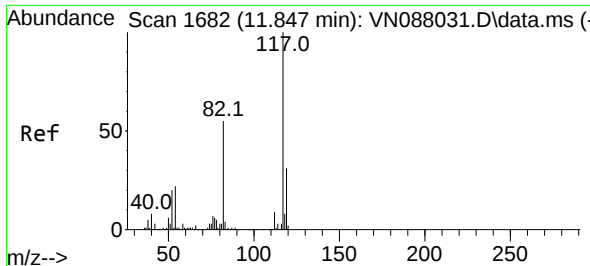
Ion Ratio Lower Upper

83 100

85 67.8 51.0 76.4

127 10.2 6.1 9.1#

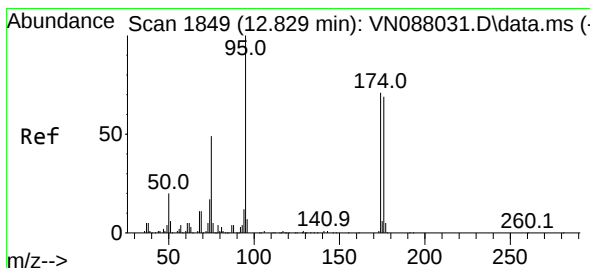
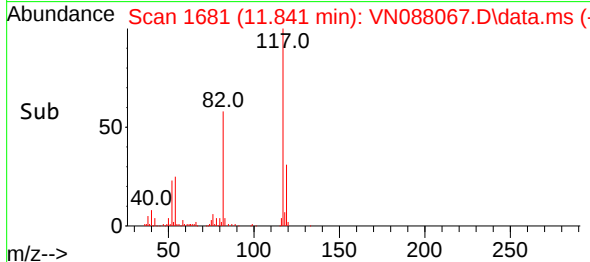
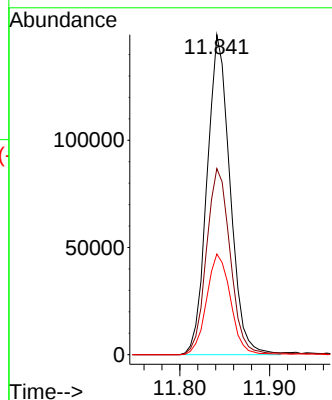
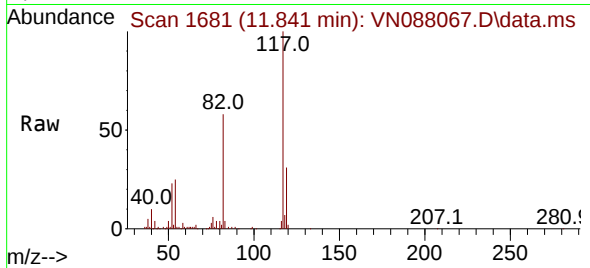




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VN088067.D
Acq: 17 Oct 2025 15:18

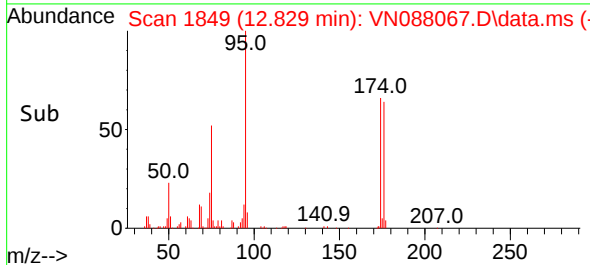
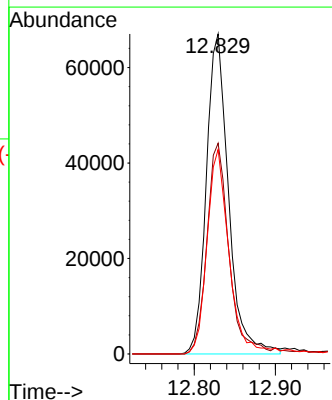
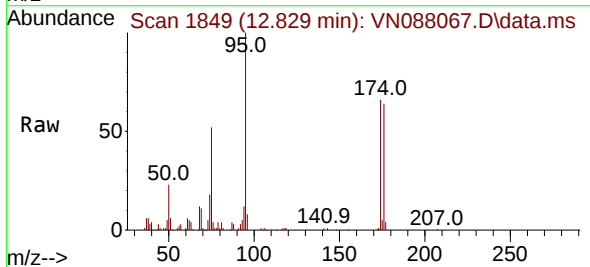
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MSVOA_N
ClientSampleId :
EFF-WW

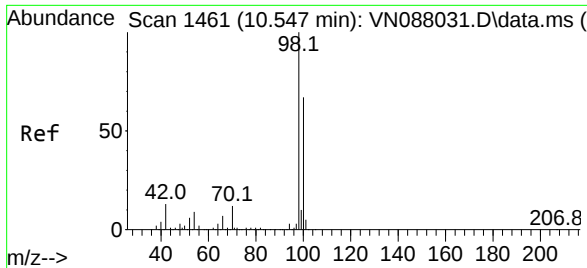
Tgt Ion:117 Resp: 265721
Ion Ratio Lower Upper
117 100
82 60.1 45.2 67.8
119 32.8 25.9 38.9



#60
4-Bromofluorobenzene
Concen: 29.055 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN088067.D
Acq: 17 Oct 2025 15:18

Tgt Ion: 95 Resp: 127279
Ion Ratio Lower Upper
95 100
174 65.0 57.4 86.0
176 61.9 57.0 85.4





#63

Toluene-d8

Concen: 31.369 ug/l

RT: 10.547 min Scan# 14

Delta R.T. 0.000 min

Lab File: VN088067.D

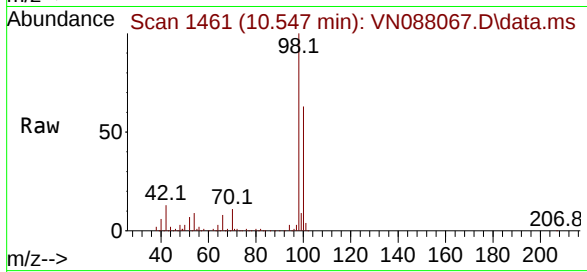
Acq: 17 Oct 2025 15:18

Instrument :

MSVOA_N

ClientSampleId :

EFF-WW



Tgt Ion: 98 Resp: 371382

Ion Ratio Lower Upper

98 100

100 64.3 53.1 79.7

