

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092225\
 Data File : VN087917.D
 Acq On : 22 Sep 2025 13:24
 Operator : JC\MD
 Sample : Q3149-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 002 35th Ave(Aug)

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/23/2025
 Supervised By : Mahesh Dadoda 09/24/2025

Quant Time: Sep 23 04:51:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 05 03:29:53 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.800	128	48578	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	221731	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	205342	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	109820	26.465	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	88.200%#	
60) 4-Bromofluorobenzene	12.829	95	82043	24.848	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	82.833%	
63) Toluene-d8	10.547	98	278494	29.163	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	97.200%	
Target Compounds						
15) Acetone	4.430	58	3457m	5.695	ug/l	Qvalue
25) Chloroform	7.953	83	10550	1.671	ug/l	91
41) Bromodichloromethane	9.871	83	3947m	0.870	ug/l	
53) Dibromochloromethane	11.335	129	4471	1.391	ug/l	91
56) Bromoform	12.565	173	2288	1.090	ug/l #	86

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

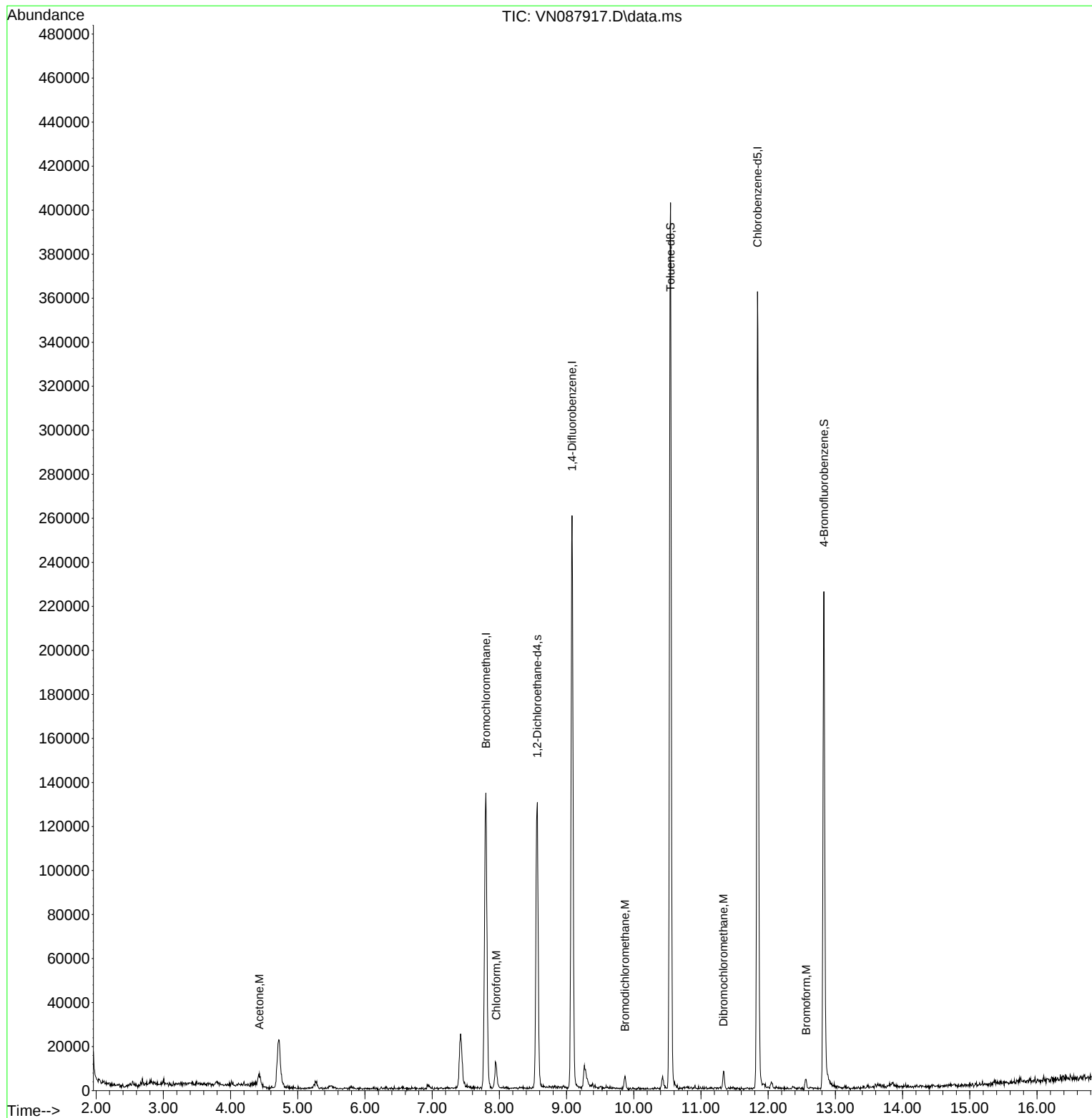
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092225\
Data File : VN087917.D
Acq On : 22 Sep 2025 13:24
Operator : JC\MD
Sample : Q3149-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

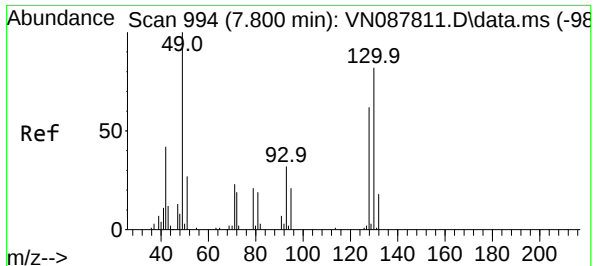
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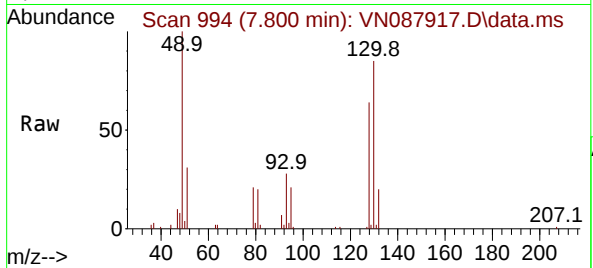
Quant Time: Sep 23 04:51:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 03:29:53 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.006 min
Lab File: VN087917.D
Acq: 22 Sep 2025 13:24

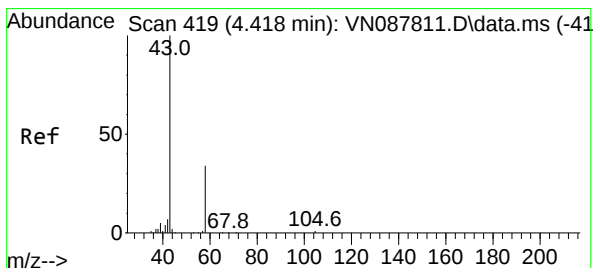
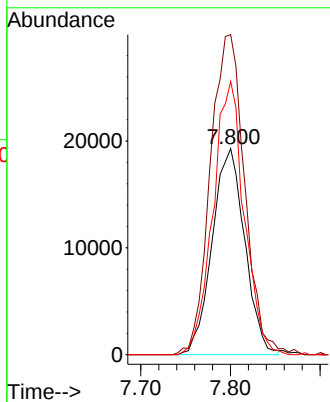
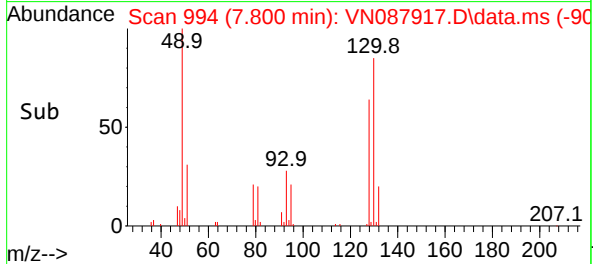
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)



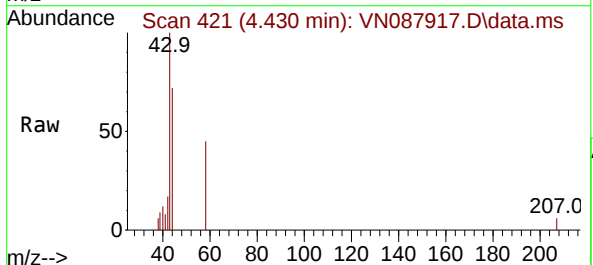
Tgt Ion:128 Resp: 48578
Ion Ratio Lower Upper
128 100
49 163.6 0.0 464.3
130 127.7 0.0 300.5

Manual Integrations
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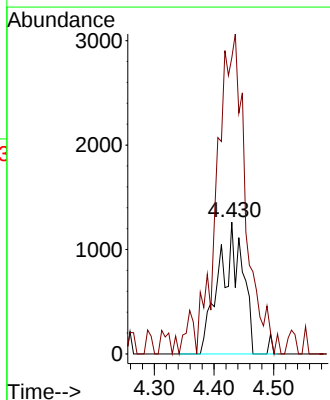
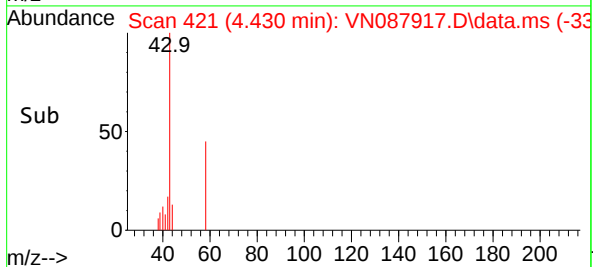
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

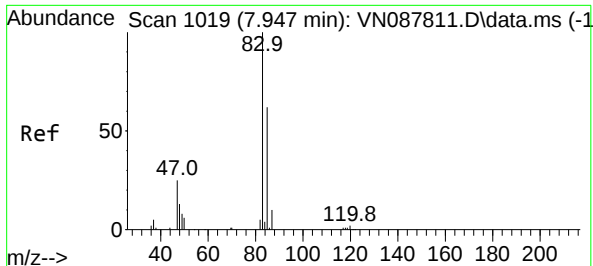


#15
Acetone
Concen: 5.695 ug/l m
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN087917.D
Acq: 22 Sep 2025 13:24



Tgt Ion: 58 Resp: 3457
Ion Ratio Lower Upper
58 100
43 224.5 250.6 376.0#





#25

Chloroform

Concen: 1.671 ug/l

RT: 7.953 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VN087917.D

Acq: 22 Sep 2025 13:24

Instrument :

MSVOA_N

ClientSampleId :

002 35th Ave(Aug)

Tgt Ion: 83 Resp: 10550

Ion Ratio Lower Upper

83 100

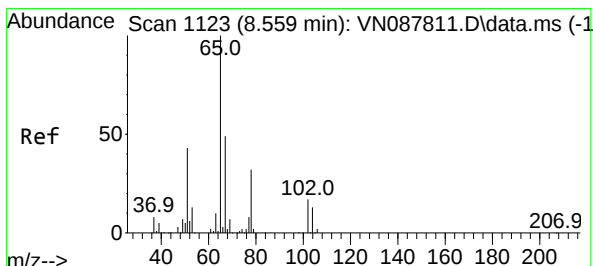
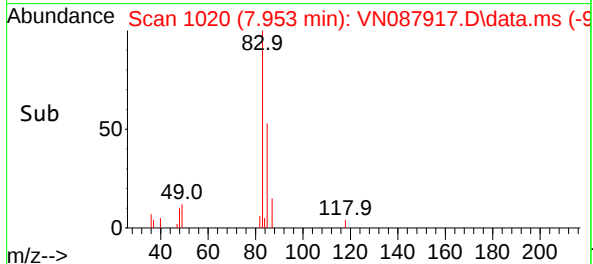
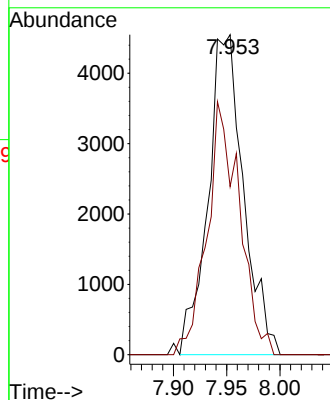
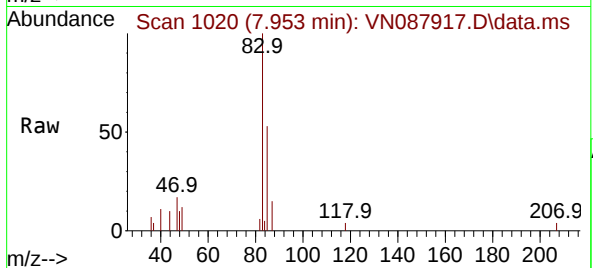
85 52.5 47.7 71.5

Manual Integrations

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#27

1,2-Dichloroethane-d4

Concen: 26.465 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.006 min

Lab File: VN087917.D

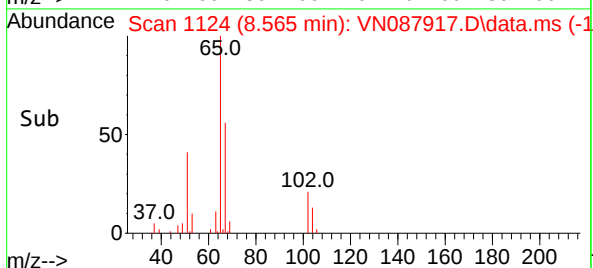
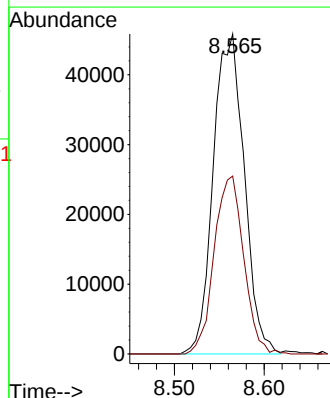
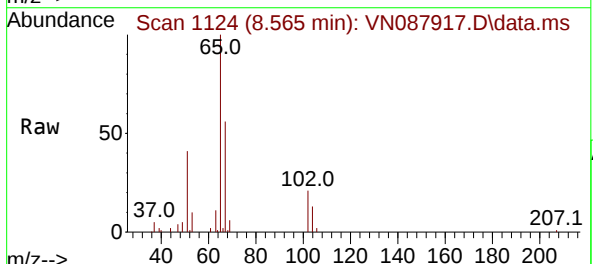
Acq: 22 Sep 2025 13:24

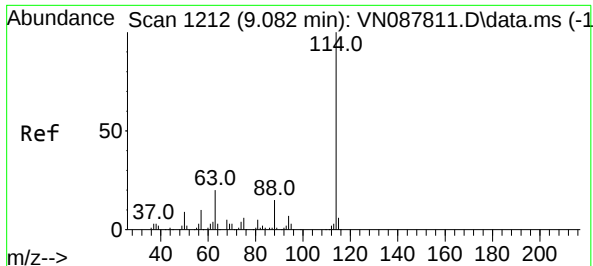
Tgt Ion: 65 Resp: 109820

Ion Ratio Lower Upper

65 100

67 52.8 39.6 59.4





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.082 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087917.D

Acq: 22 Sep 2025 13:24

Instrument :

MSVOA_N

ClientSampleId :

002 35th Ave(Aug)

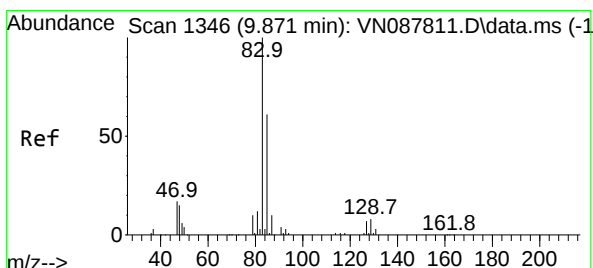
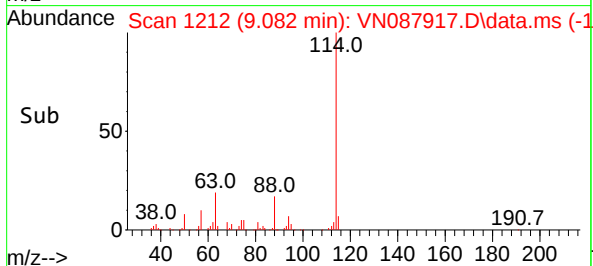
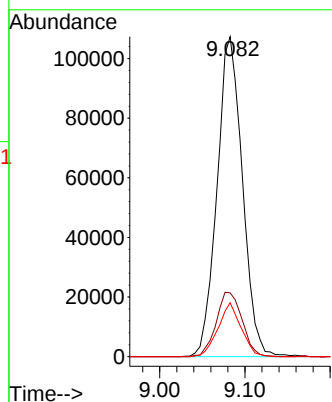
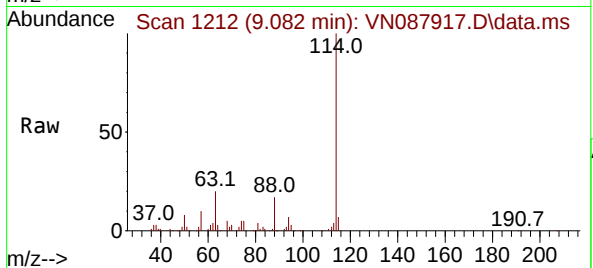
Tgt Ion:114	Resp: 22173
Ion Ratio	Lower Upper
114 100	
63 20.6	18.3 27.5
88 15.3	12.4 18.6

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#41

Bromodichloromethane

Concen: 0.870 ug/l m

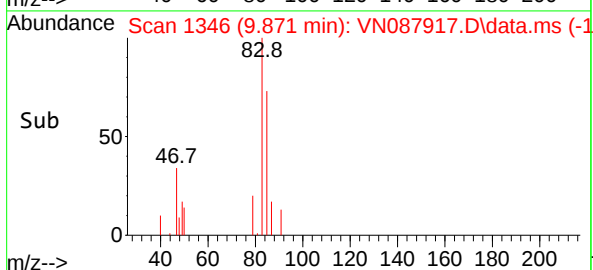
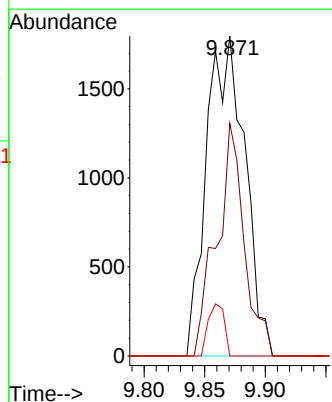
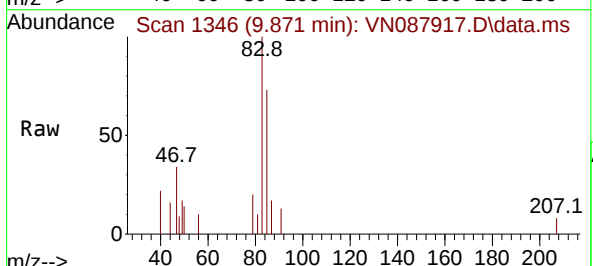
RT: 9.871 min Scan# 1346

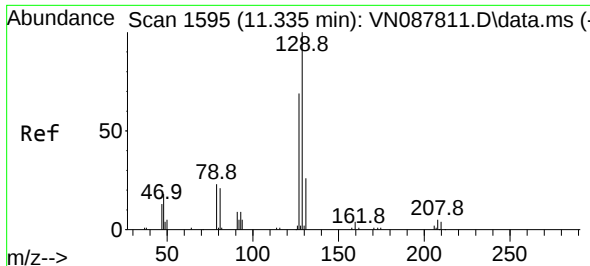
Delta R.T. -0.000 min

Lab File: VN087917.D

Acq: 22 Sep 2025 13:24

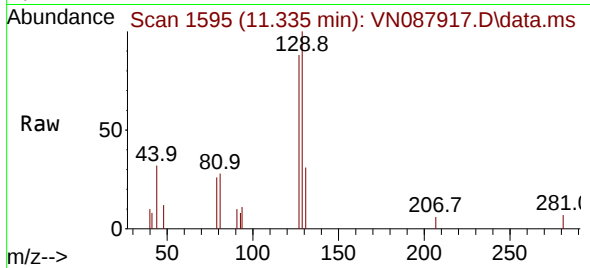
Tgt Ion: 83	Resp: 3947
Ion Ratio	Lower Upper
83 100	
85 72.7	47.3 70.9#
127 0.0	5.2 7.8#





#53
Dibromochloromethane
Concen: 1.391 ug/l
RT: 11.335 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087917.D
Acq: 22 Sep 2025 13:24

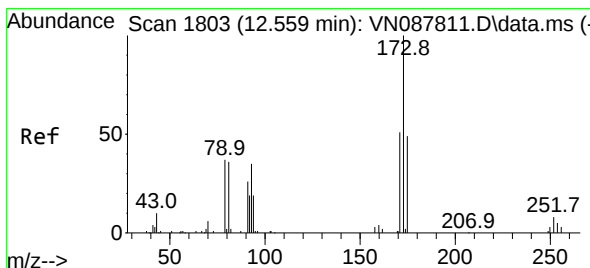
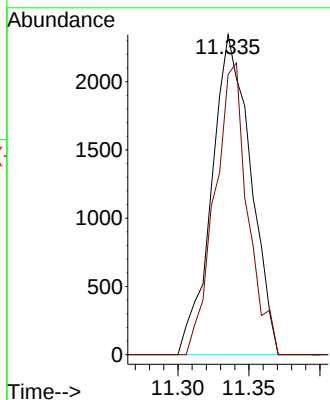
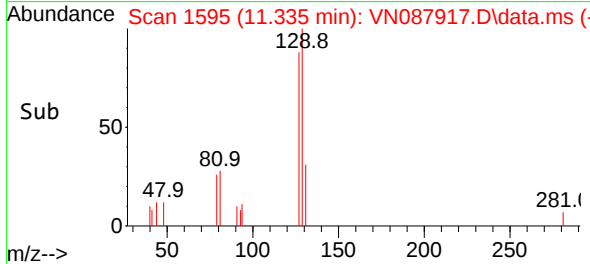
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)



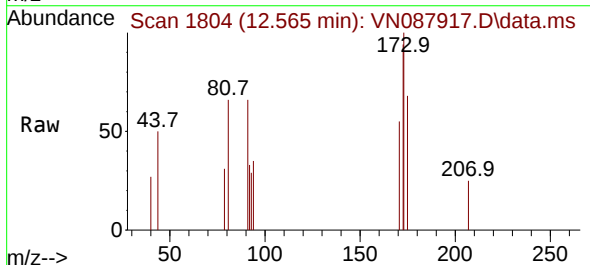
Tgt Ion:129 Resp: 447
Ion Ratio Lower Upper
129 100
127 77.3 42.6 128.0

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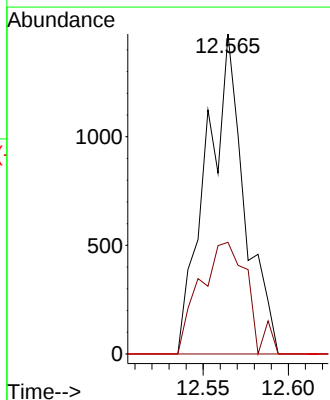
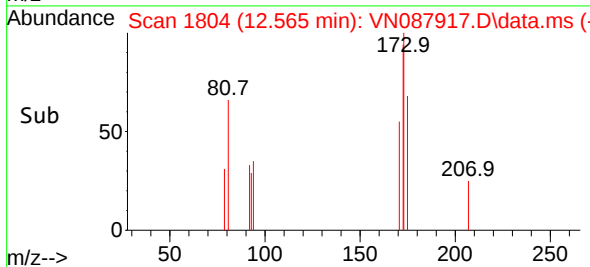
Reviewed By :John Carlone 09/23/2025
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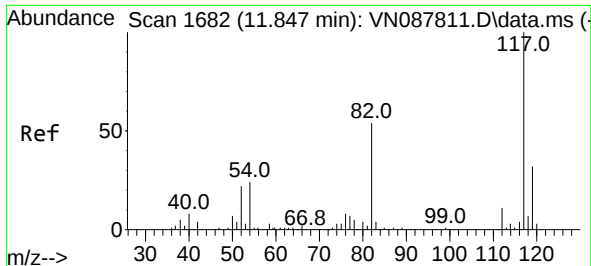


#56
Bromoform
Concen: 1.090 ug/l
RT: 12.565 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VN087917.D
Acq: 22 Sep 2025 13:24



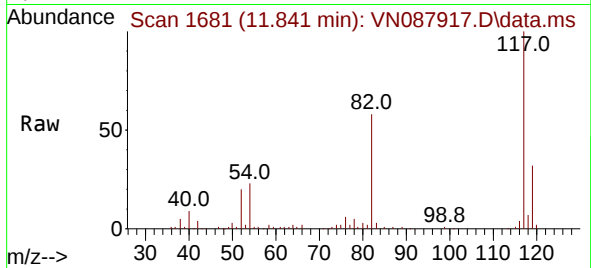
Tgt Ion:173 Resp: 2288
Ion Ratio Lower Upper
173 100
175 41.3 39.8 59.6
254 0.0 6.2 9.4#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.841 min Scan# 1184
Delta R.T. -0.000 min
Lab File: VN087917.D
Acq: 22 Sep 2025 13:24

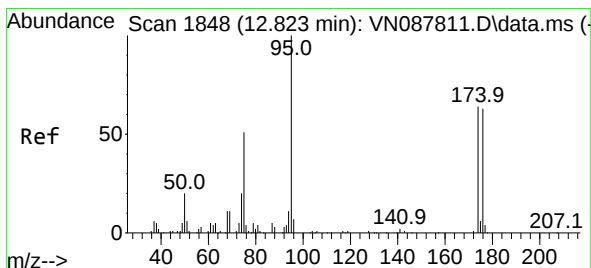
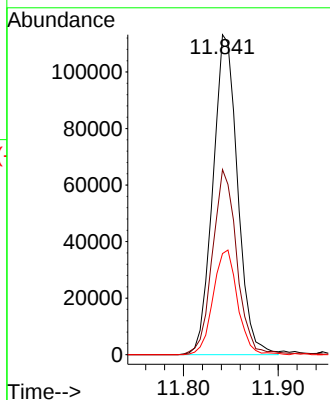
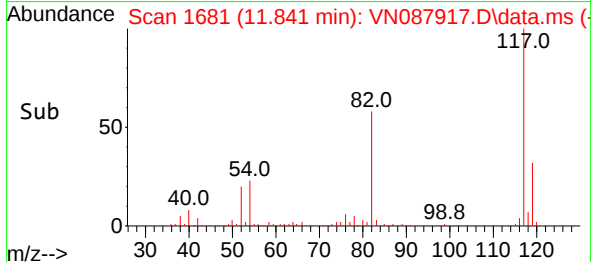
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)



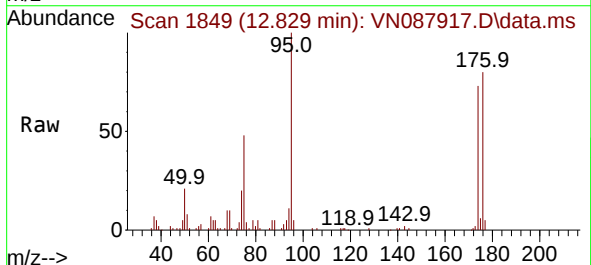
Tgt Ion:117 Resp: 20534
Ion Ratio Lower Upper
117 100
82 57.2 45.9 68.9
119 32.0 25.3 37.9

Manual Integrations
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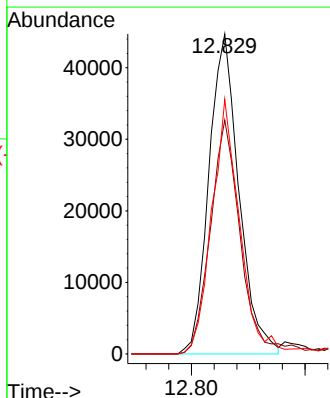
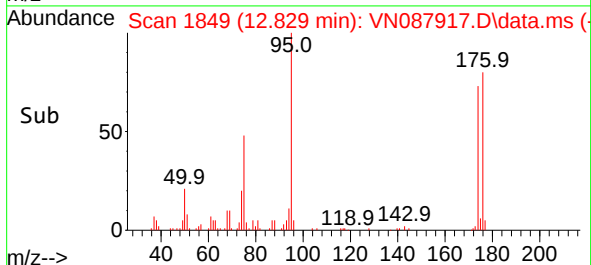
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

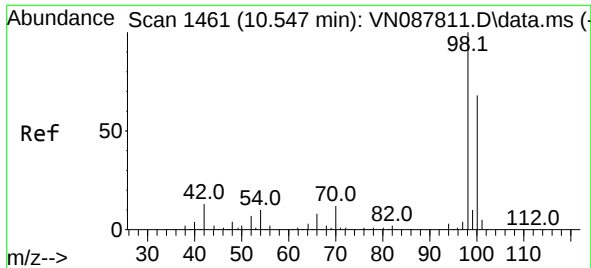


#60
4-Bromofluorobenzene
Concen: 24.848 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087917.D
Acq: 22 Sep 2025 13:24



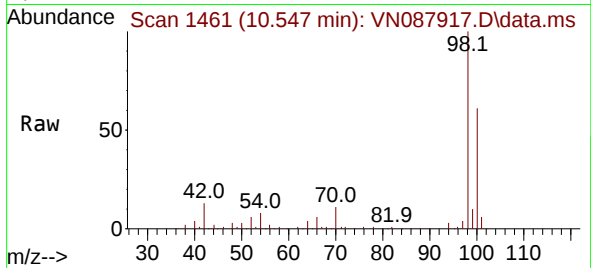
Tgt Ion: 95 Resp: 82043
Ion Ratio Lower Upper
95 100
174 71.1 55.4 83.0
176 72.2 51.5 77.3





#63
Toluene-d8
Concen: 29.163 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087917.D
Acq: 22 Sep 2025 13:24

Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)



Tgt Ion: 98 Resp: 278494
Ion Ratio Lower Upper
98 100
100 62.7 50.6 76.0

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