

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092225\
 Data File : VN087921.D
 Acq On : 22 Sep 2025 14:47
 Operator : JC\MD
 Sample : Q3149-02RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Sep 23 04:54:25 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	55847	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.088	114	260070	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	239586	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	128722	26.982	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	89.933%#		
60) 4-Bromofluorobenzene	12.829	95	95868	24.886	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	82.967%		
63) Toluene-d8	10.547	98	322465	28.941	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	96.467%		
Target Compounds						
15) Acetone	4.424	58	3012m	4.316	ug/l	Qvalue
25) Chloroform	7.953	83	11284	1.555	ug/l	98
41) Bromodichloromethane	9.876	83	3527	0.663	ug/l #	81
53) Dibromochloromethane	11.329	129	4252	1.128	ug/l	89
56) Bromoform	12.553	173	2183	0.887	ug/l #	60

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

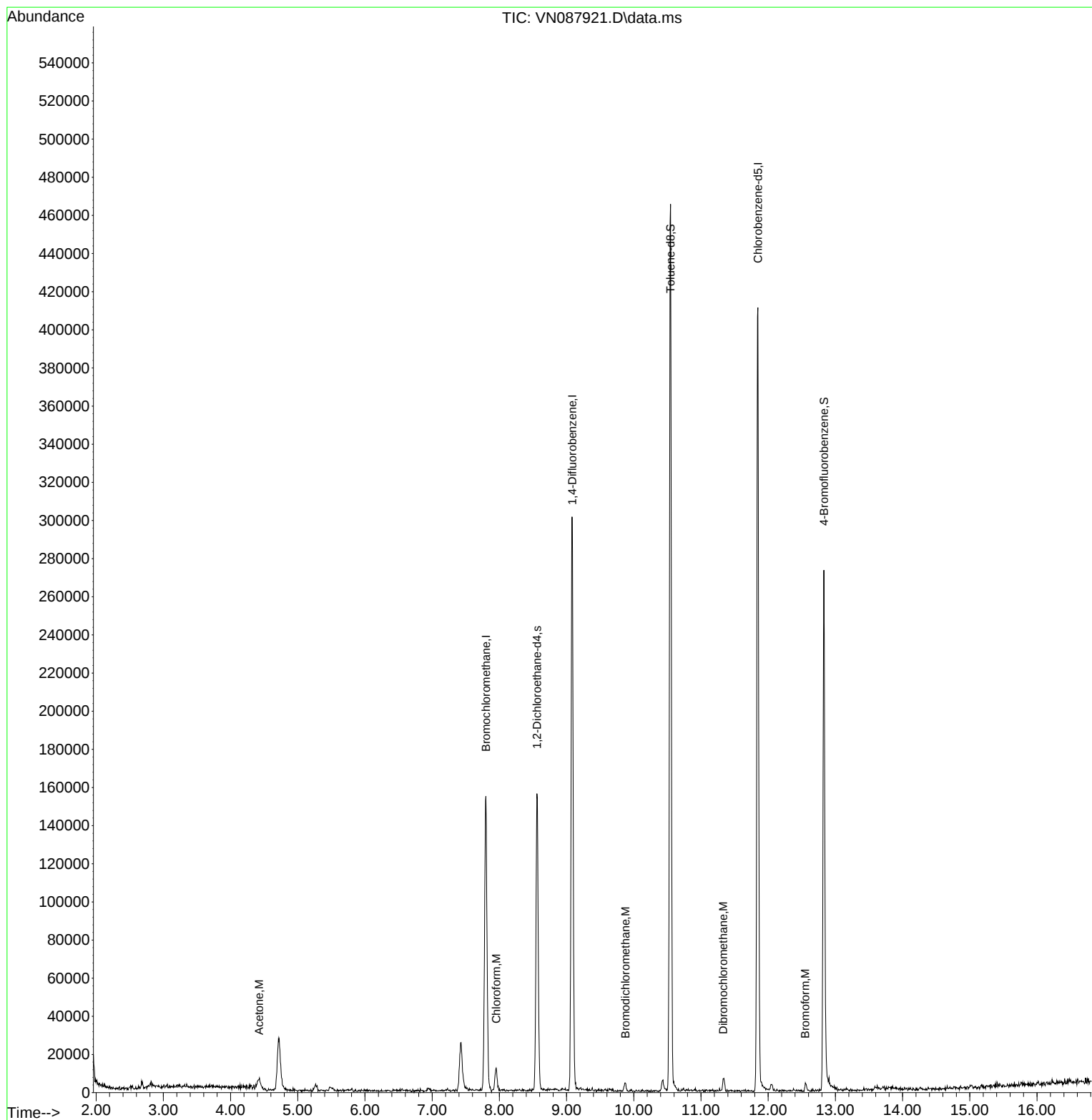
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092225\
Data File : VN087921.D
Acq On : 22 Sep 2025 14:47
Operator : JC\MD
Sample : Q3149-02RE
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

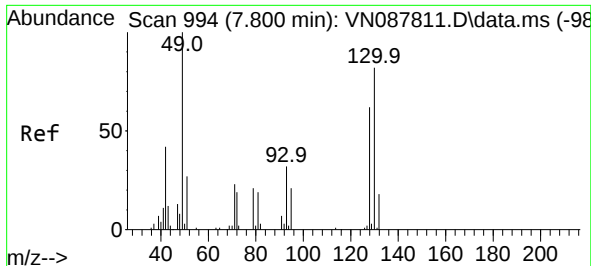
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)RE

Quant Time: Sep 23 04:54:25 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

Manual Integrations
APPROVED

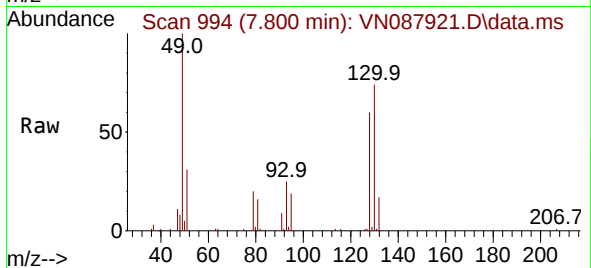
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.006 min
Lab File: VN087921.D
Acq: 22 Sep 2025 14:47

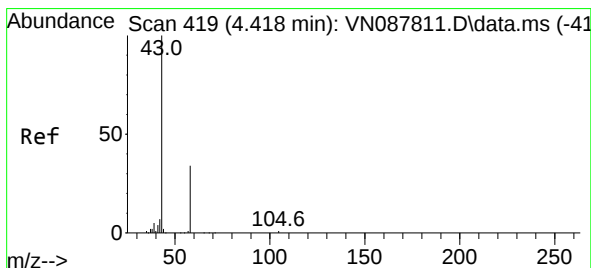
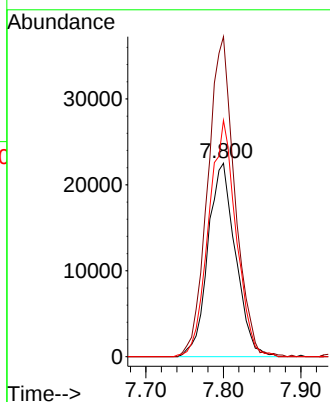
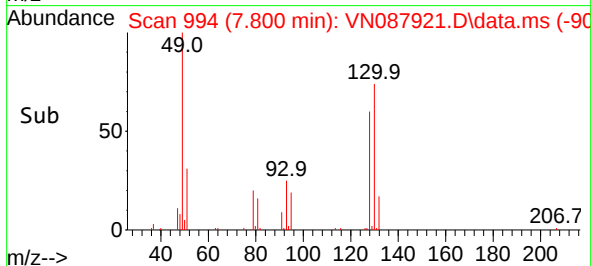
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)RE



Tgt Ion:128 Resp: 5584
Ion Ratio Lower Upper
128 100
49 162.4 0.0 464.3
130 121.4 0.0 300.5

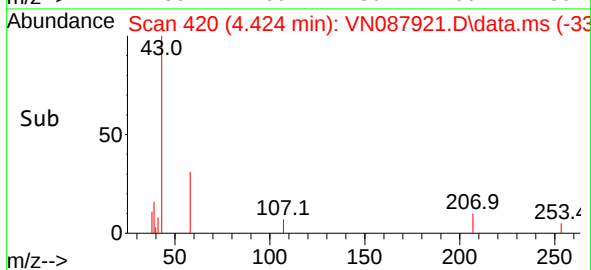
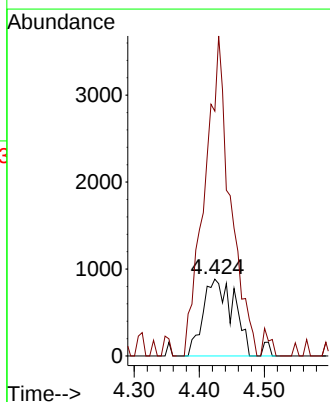
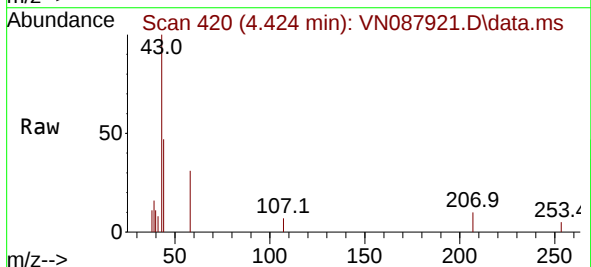
Manual Integrations
APPROVED

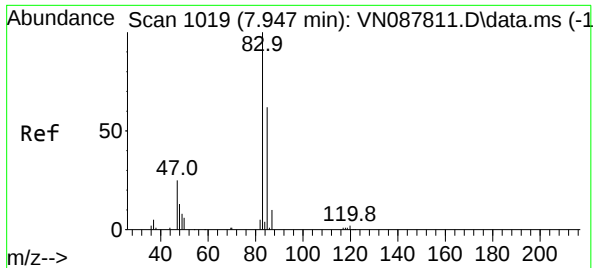
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#15
Acetone
Concen: 4.316 ug/l m
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN087921.D
Acq: 22 Sep 2025 14:47

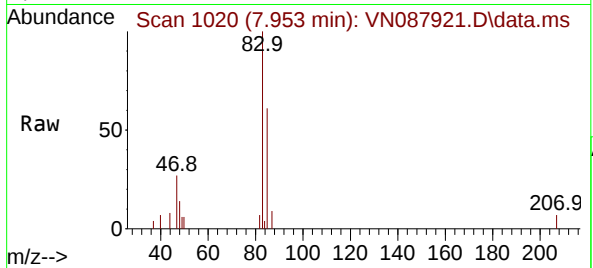
Tgt Ion: 58 Resp: 3012
Ion Ratio Lower Upper
58 100
43 318.6 250.6 376.0





#25
Chloroform
Concen: 1.555 ug/l
RT: 7.953 min Scan# 11284
Delta R.T. -0.000 min
Lab File: VN087921.D
Acq: 22 Sep 2025 14:47

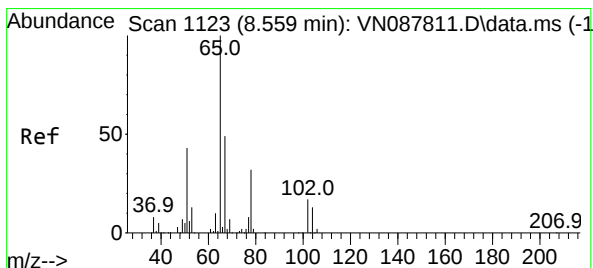
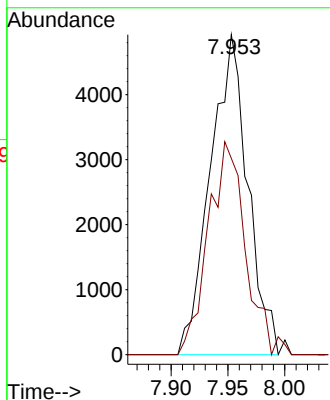
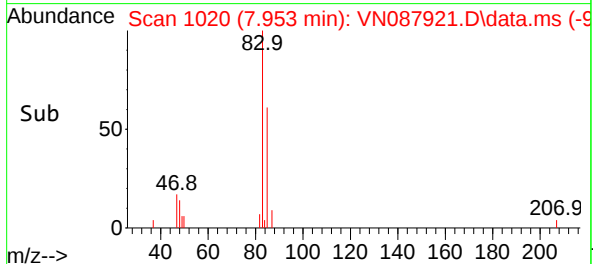
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)RE



Tgt Ion: 83 Resp: 11284
Ion Ratio Lower Upper
83 100
85 61.3 47.7 71.5

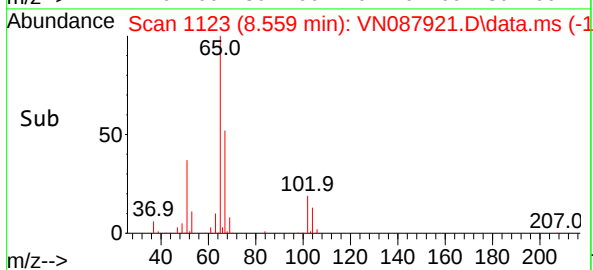
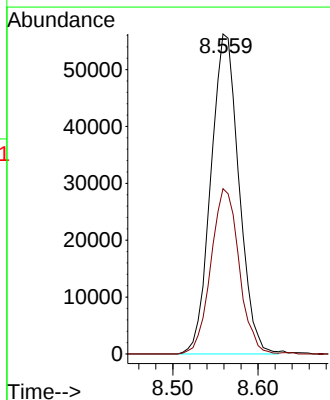
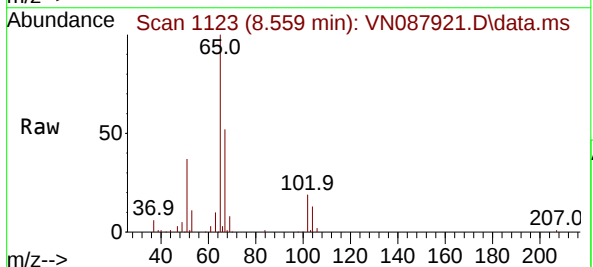
Manual Integrations
APPROVED

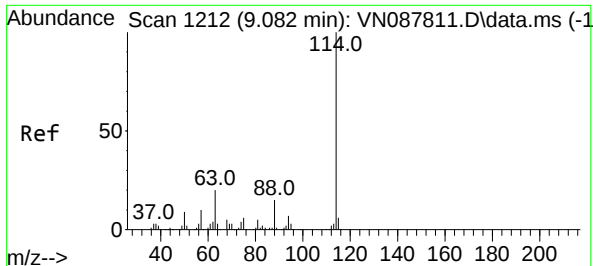
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#27
1,2-Dichloroethane-d4
Concen: 26.982 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087921.D
Acq: 22 Sep 2025 14:47

Tgt Ion: 65 Resp: 128722
Ion Ratio Lower Upper
65 100
67 51.8 39.6 59.4





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.088 min Scan# 114

Delta R.T. 0.006 min

Lab File: VN087921.D

Acq: 22 Sep 2025 14:47

Instrument :

MSVOA_N

ClientSampleId :

002 35th Ave(Aug)RE

Tgt Ion:114 Resp: 260070

Ion Ratio Lower Upper

114 100

63 20.8 18.3 27.5

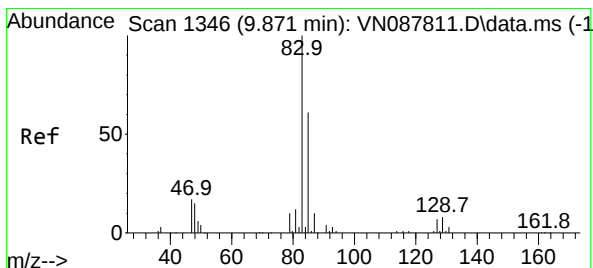
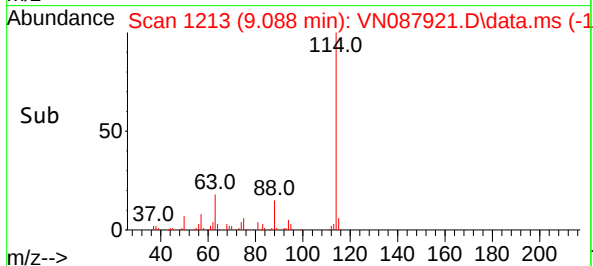
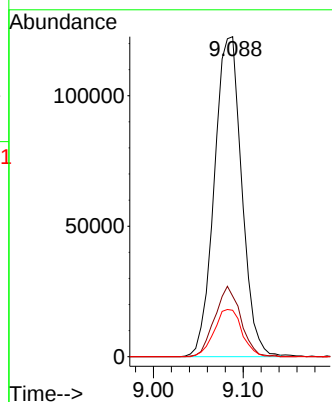
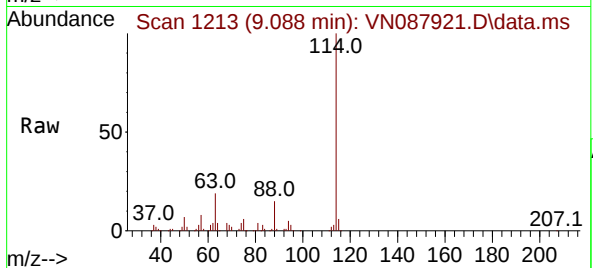
88 15.0 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#41

Bromodichloromethane

Concen: 0.663 ug/l

RT: 9.876 min Scan# 1347

Delta R.T. 0.006 min

Lab File: VN087921.D

Acq: 22 Sep 2025 14:47

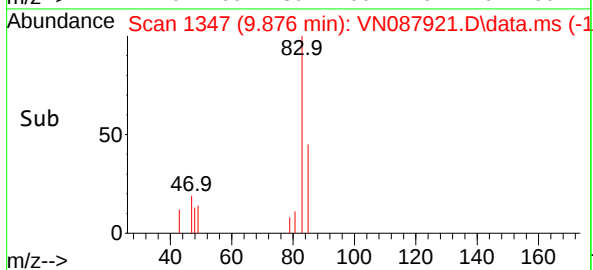
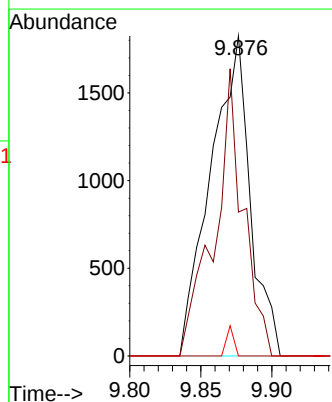
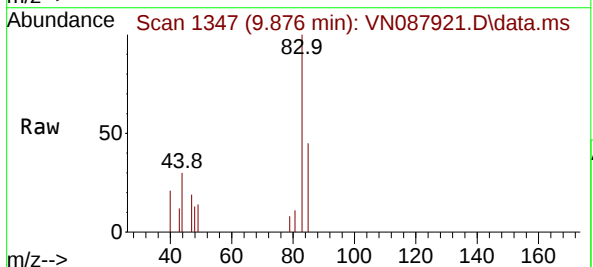
Tgt Ion: 83 Resp: 3527

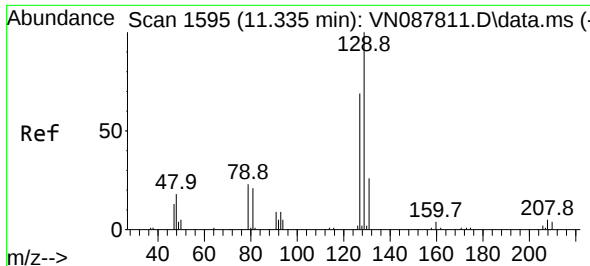
Ion Ratio Lower Upper

83 100

85 44.9 47.3 70.9#

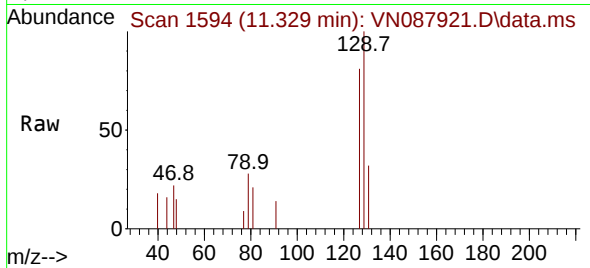
127 0.0 5.2 7.8#





#53
Dibromochloromethane
Concen: 1.128 ug/l
RT: 11.329 min Scan# 11329
Delta R.T. -0.006 min
Lab File: VN087921.D
Acq: 22 Sep 2025 14:47

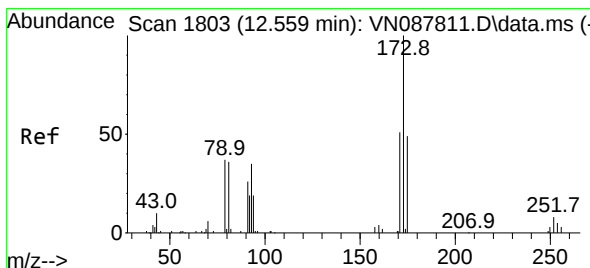
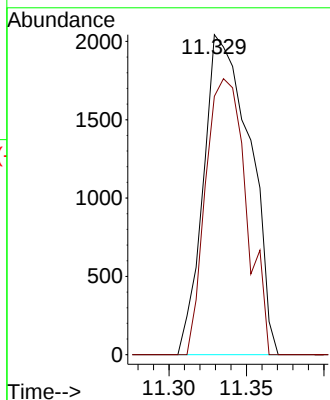
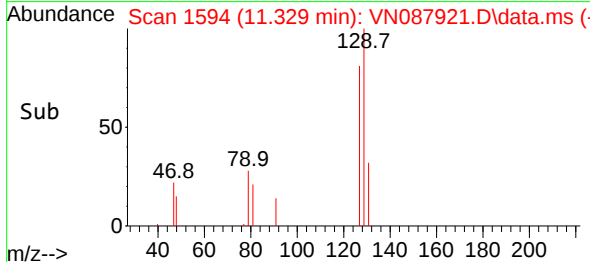
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)RE



Tgt Ion:129 Resp: 4252
Ion Ratio Lower Upper
129 100
127 75.4 42.6 128.0

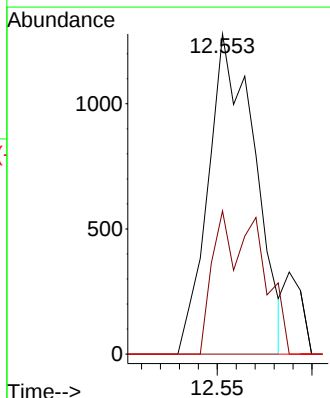
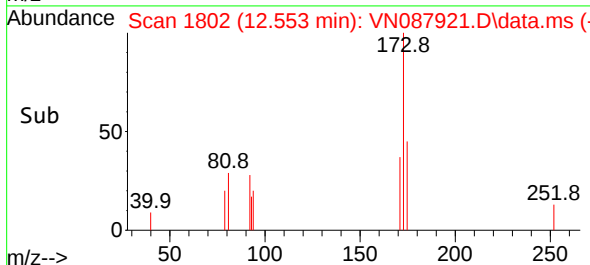
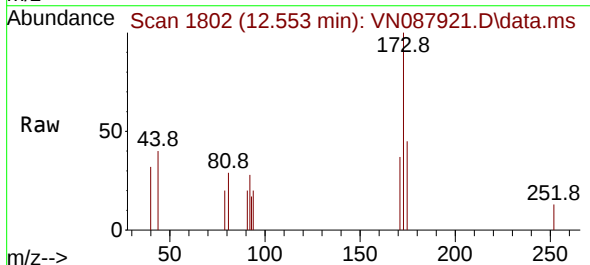
Manual Integrations
APPROVED

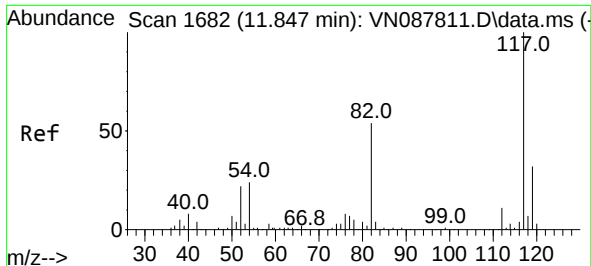
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#56
Bromoform
Concen: 0.887 ug/l
RT: 12.553 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VN087921.D
Acq: 22 Sep 2025 14:47

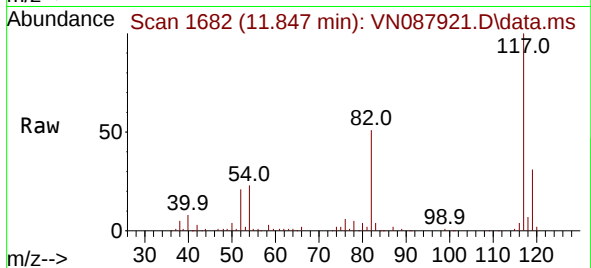
Tgt Ion:173 Resp: 2183
Ion Ratio Lower Upper
173 100
175 20.5 39.8 59.6#
254 0.0 6.2 9.4#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VN087921.D
Acq: 22 Sep 2025 14:47

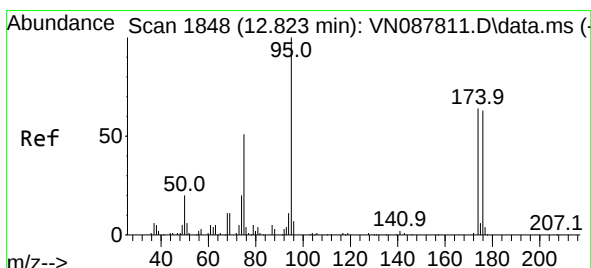
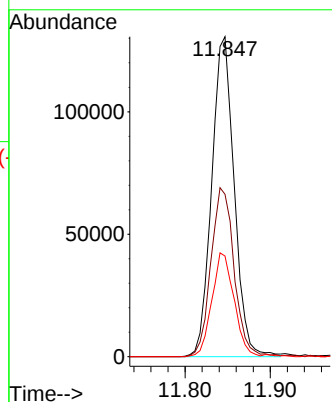
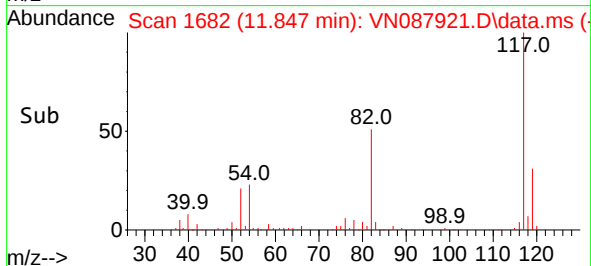
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)RE



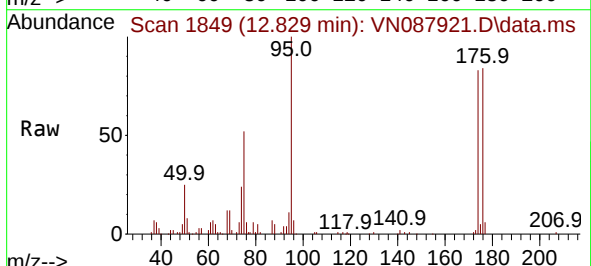
Tgt Ion:117 Resp: 239580
Ion Ratio Lower Upper
117 100
82 54.5 45.9 68.9
119 31.9 25.3 37.9

Manual Integrations
APPROVED

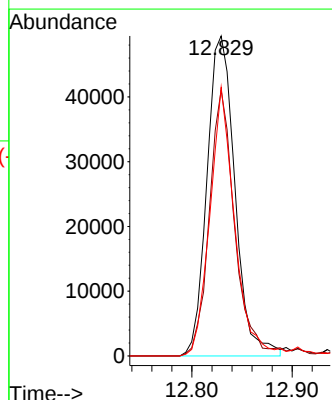
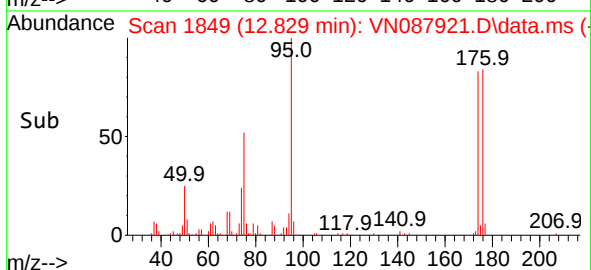
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

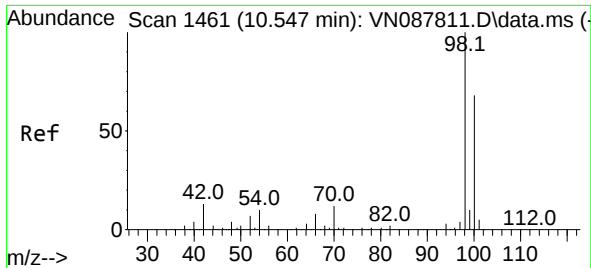


#60
4-Bromofluorobenzene
Concen: 24.886 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087921.D
Acq: 22 Sep 2025 14:47



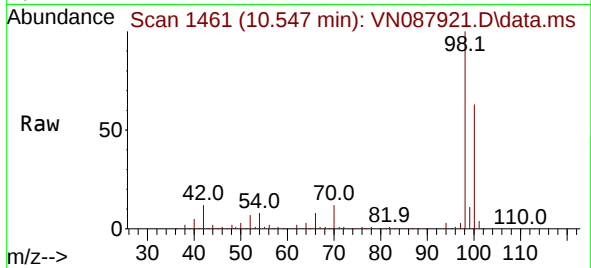
Tgt Ion: 95 Resp: 95868
Ion Ratio Lower Upper
95 100
174 74.6 55.4 83.0
176 73.8 51.5 77.3





#63
Toluene-d8
Concen: 28.941 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087921.D
Acq: 22 Sep 2025 14:47

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



Tgt Ion: 98 Resp: 322468
Ion Ratio Lower Upper
98 100
100 63.5 50.6 76.0

Manual Integrations
APPROVED

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

