

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090925\
 Data File : VN087768.D
 Acq On : 09 Sep 2025 11:42
 Operator : JC\MD
 Sample : Q3040-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 001 willets Pt Blvd(july)

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/10/2025
 Supervised By :Mahesh Dadoda 09/10/2025

Quant Time: Sep 10 02:29:54 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	7.794	128	47185	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	230306	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	213828	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	117289	29.099	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	97.000%		
60) 4-Bromofluorobenzene	12.829	95	91708	26.673	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	88.900%		
63) Toluene-d8	10.547	98	292130	29.377	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	97.933%		
Target Compounds						
					Qvalue	
15) Acetone	4.430	58	10318m	17.500	ug/l	
25) Chloroform	7.947	83	56557	9.222	ug/l	94
30) 2-Butanone	7.482	43	7951	3.084	ug/l #	64
41) Bromodichloromethane	9.859	83	5134	1.089	ug/l #	83
62) Toluene	10.612	91	26425	2.043	ug/l	99
82) p-Isopropyltoluene	13.700	119	5234	0.480	ug/l #	64

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

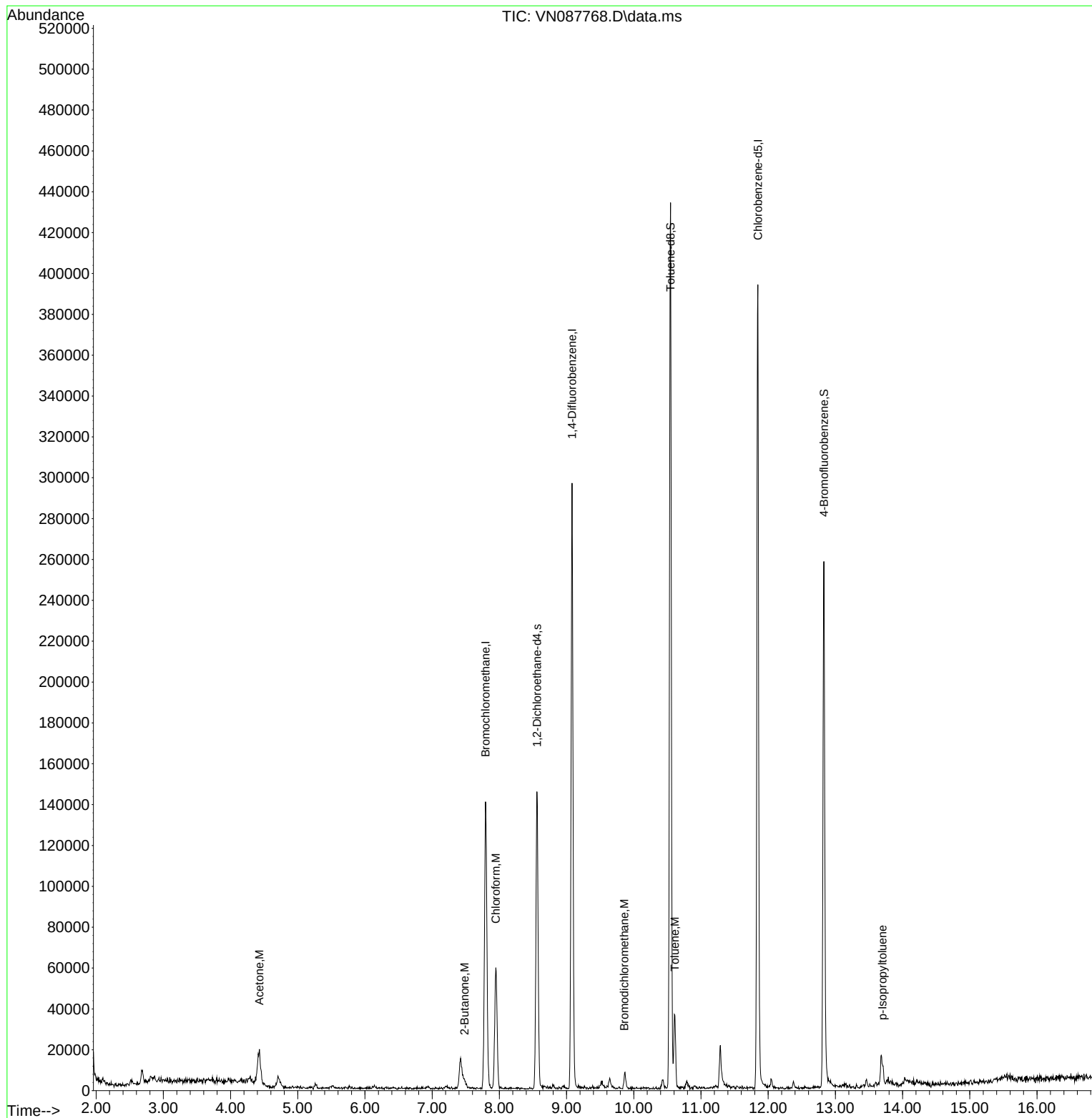
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090925\
Data File : VN087768.D
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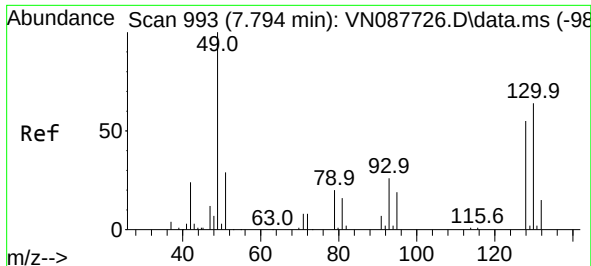
Instrument :
MSVOA_N
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001 willets Pt Blvd(july)

Quant Time: Sep 10 02:29:54 2025
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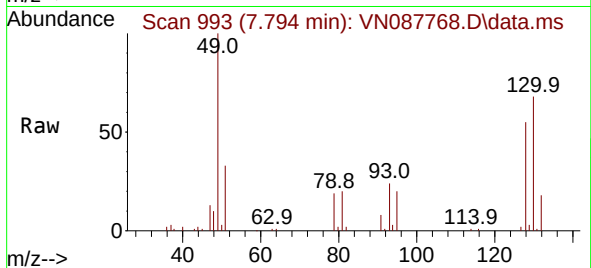
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.000 min
Lab File: VN087768.D
Acq: 09 Sep 2025 11:42

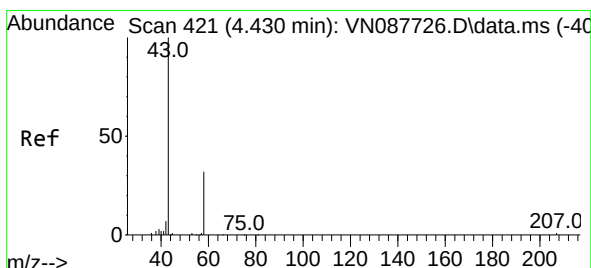
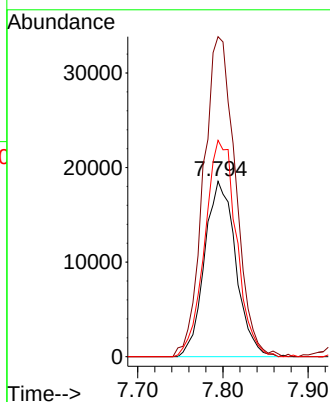
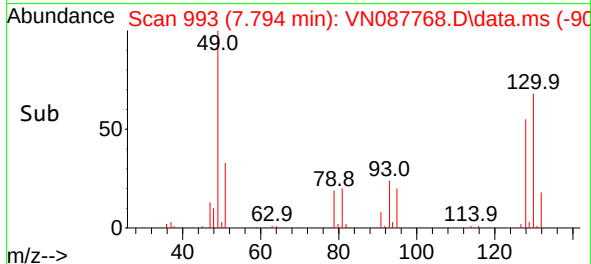
Instrument :
MSVOA_N
ClientSampleId :
001 willets Pt Blvd(july)



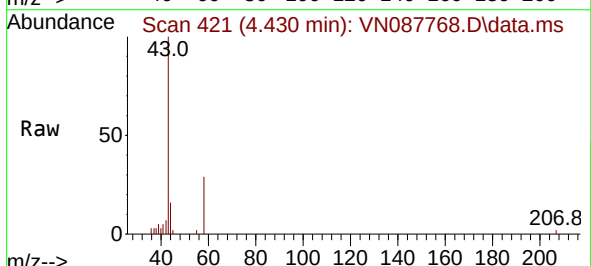
Tgt Ion:128 Resp: 47185
Ion Ratio Lower Upper
128 100
49 186.0 0.0 464.3
130 125.1 0.0 300.5

Manual Integrations
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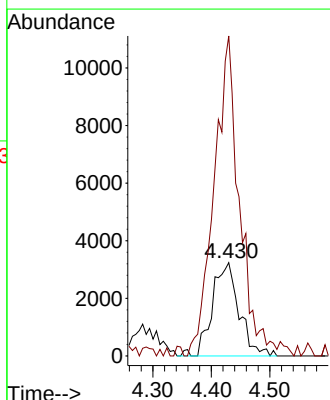
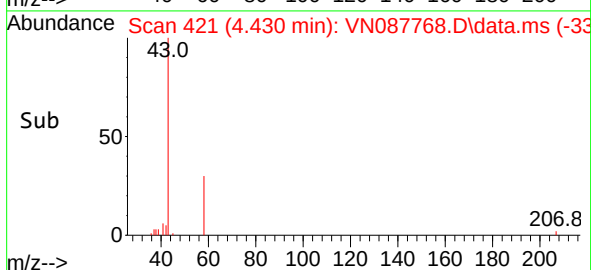
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025

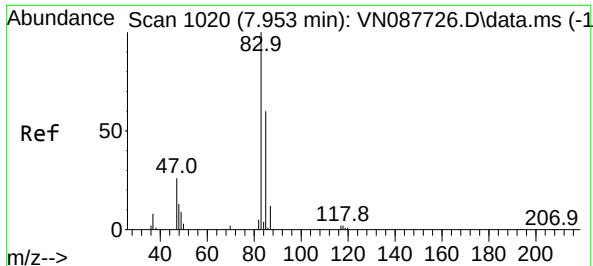


#15
Acetone
Concen: 17.500 ug/l m
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN087768.D
Acq: 09 Sep 2025 11:42



Tgt Ion: 58 Resp: 10318
Ion Ratio Lower Upper
58 100
43 342.9 250.6 376.0





#25

Chloroform

Concen: 9.222 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VN087768.D

Acq: 09 Sep 2025 11:42

Instrument :

MSVOA_N

ClientSampleId :

001 willets Pt Blvd(july)

Tgt Ion: 83 Resp: 5655

Ion Ratio Lower Upper

83 100

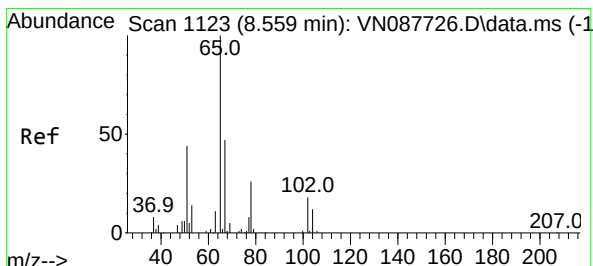
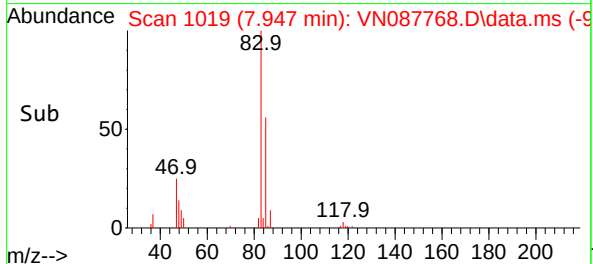
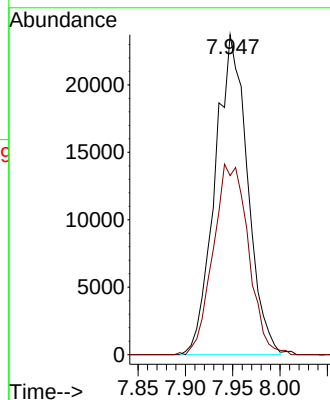
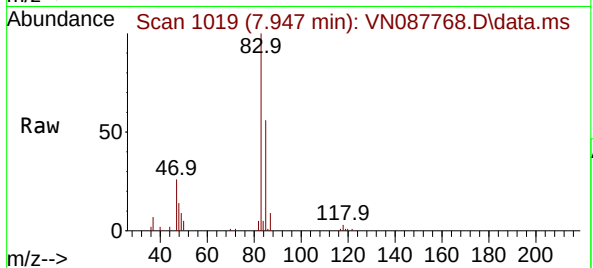
85 55.3 47.7 71.5

Manual Integrations

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Supervised By :Mahesh Dadoda 09/10/2025



#27

1,2-Dichloroethane-d4

Concen: 29.099 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN087768.D

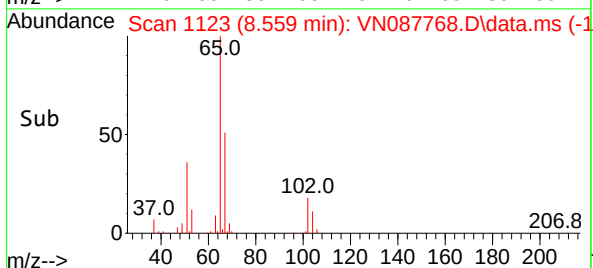
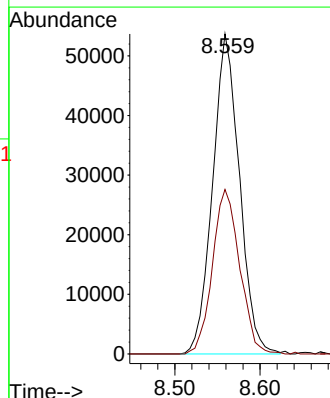
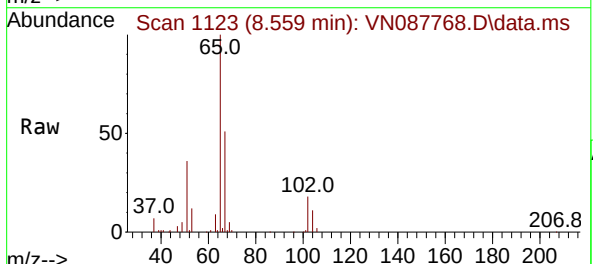
Acq: 09 Sep 2025 11:42

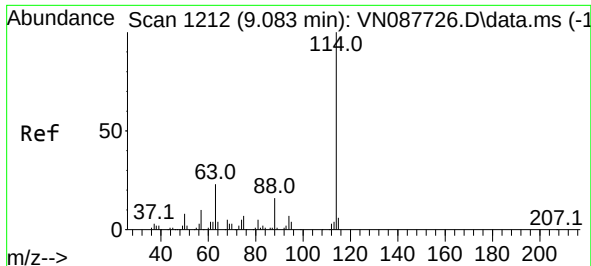
Tgt Ion: 65 Resp: 117289

Ion Ratio Lower Upper

65 100

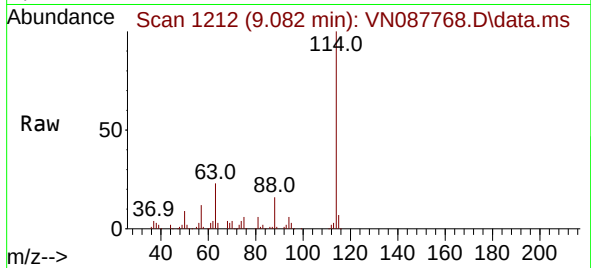
67 52.1 39.6 59.4





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087768.D
Acq: 09 Sep 2025 11:42

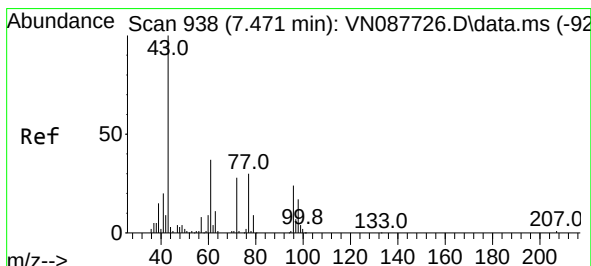
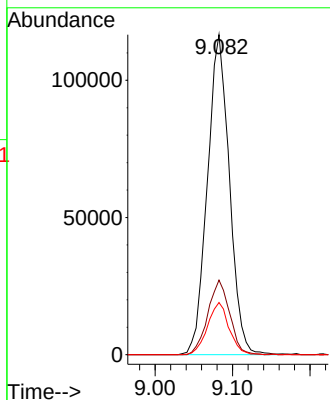
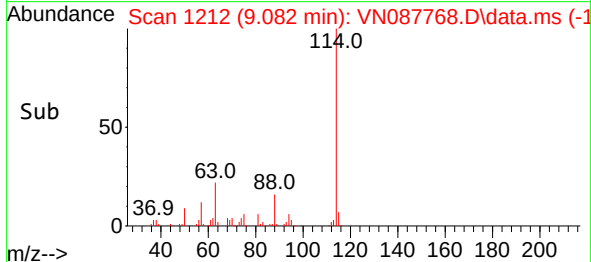
Instrument :
MSVOA_N
ClientSampleId :
001 willets Pt Blvd(july)



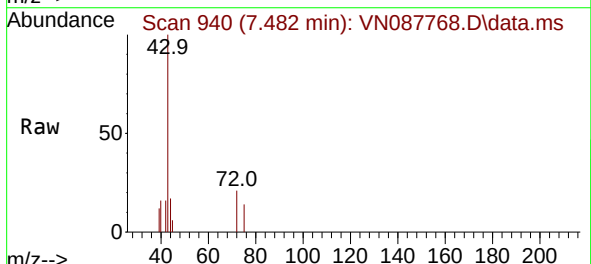
Tgt Ion: 114 Resp: 230300
Ion Ratio Lower Upper
114 100
63 23.0 18.3 27.5
88 15.9 12.4 18.6

Manual Integrations
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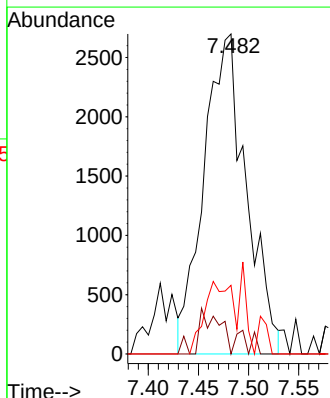
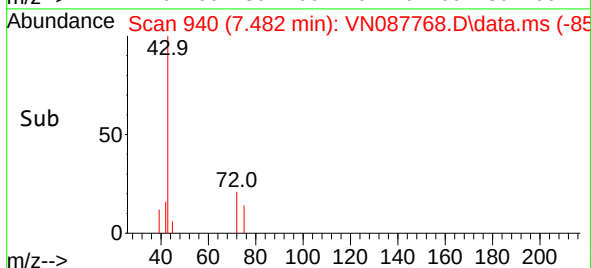
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025

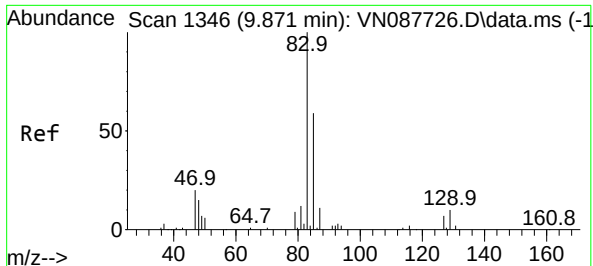


#30
2-Butanone
Concen: 3.084 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN087768.D
Acq: 09 Sep 2025 11:42



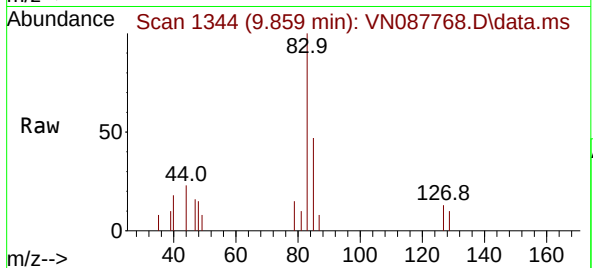
Tgt Ion: 43 Resp: 7951
Ion Ratio Lower Upper
43 100
57 0.0 6.3 9.5#
72 5.8 21.4 32.2#





#41
Bromodichloromethane
Concen: 1.089 ug/l
RT: 9.859 min Scan# 1344
Delta R.T. -0.012 min
Lab File: VN087768.D
Acq: 09 Sep 2025 11:42

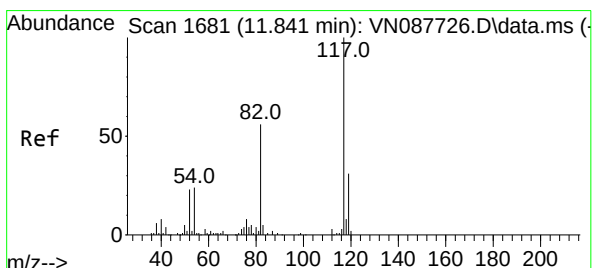
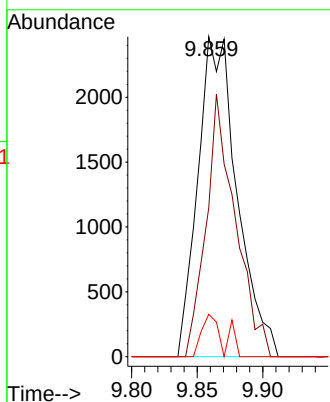
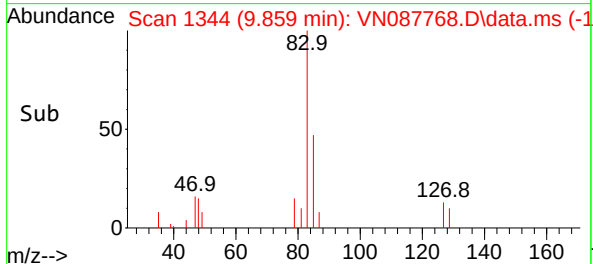
Instrument :
MSVOA_N
ClientSampleId :
001 willets Pt Blvd(july)



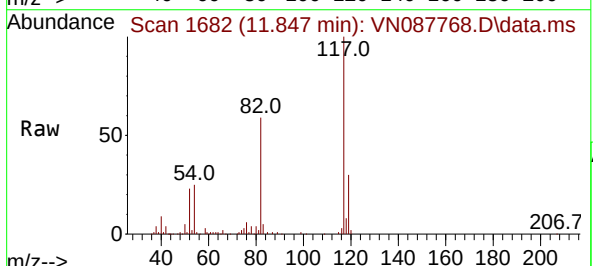
Tgt Ion: 83 Resp: 5134
Ion Ratio Lower Upper
83 100
85 46.6 47.3 70.9
127 13.3 5.2 7.8

Manual Integrations
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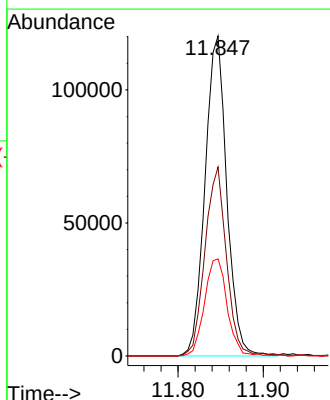
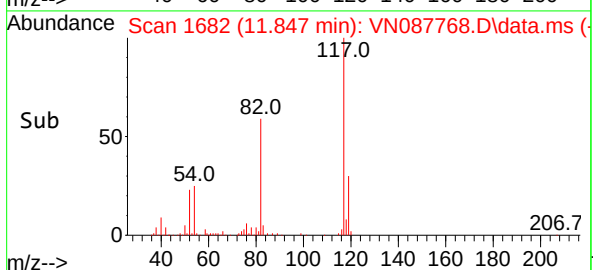
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025

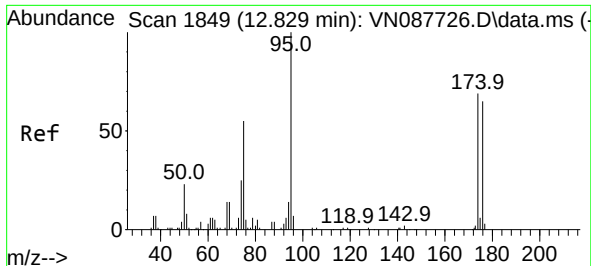


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN087768.D
Acq: 09 Sep 2025 11:42



Tgt Ion:117 Resp: 213828
Ion Ratio Lower Upper
117 100
82 57.9 45.9 68.9
119 31.6 25.3 37.9





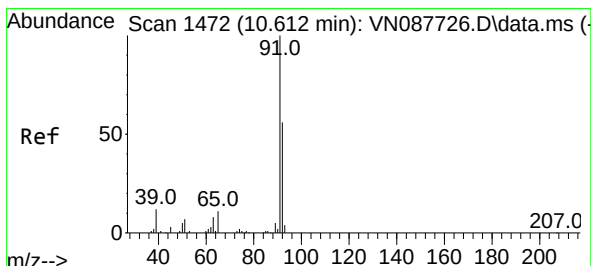
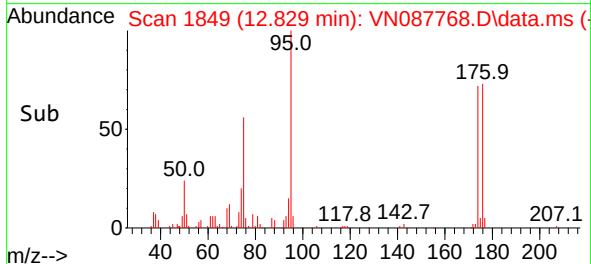
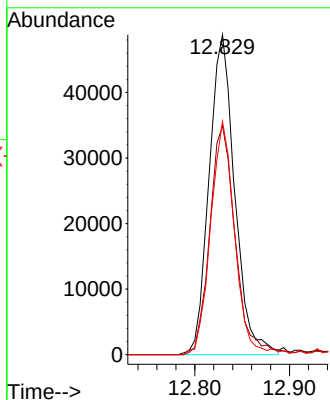
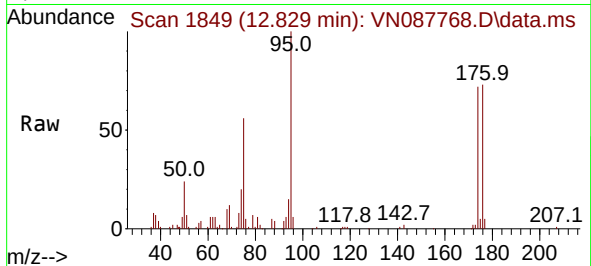
#60
4-Bromofluorobenzene
Concen: 26.673 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087768.D
Acq: 09 Sep 2025 11:42

Instrument :
MSVOA_N
ClientSampleId :
001 willets Pt Blvd(july)

Tgt Ion: 95 Resp: 91708
Ion Ratio Lower Upper
95 100
174 71.4 55.4 83.0
176 67.6 51.5 77.3

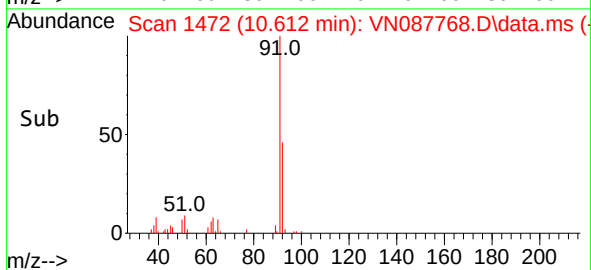
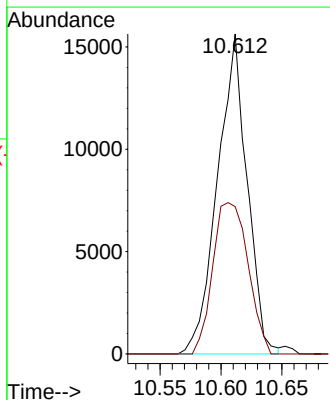
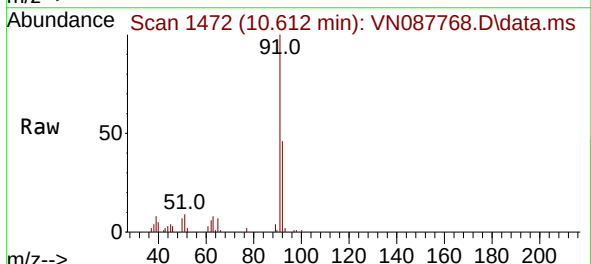
Manual Integrations
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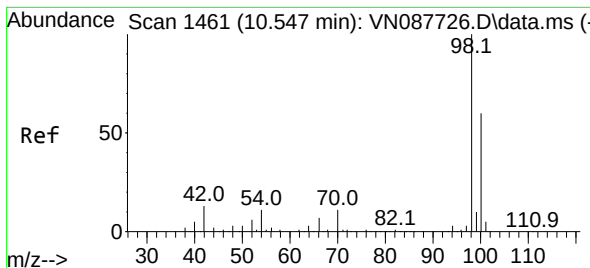
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#62
Toluene
Concen: 2.043 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087768.D
Acq: 09 Sep 2025 11:42

Tgt Ion: 91 Resp: 26425
Ion Ratio Lower Upper
91 100
92 56.3 45.4 68.0





#63

Toluene-d8

Concen: 29.377 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087768.D

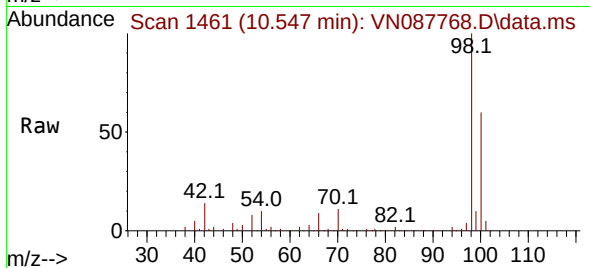
Acq: 09 Sep 2025 11:42

Instrument :

MSVOA_N

ClientSampleId :

001 willets Pt Blvd(july)



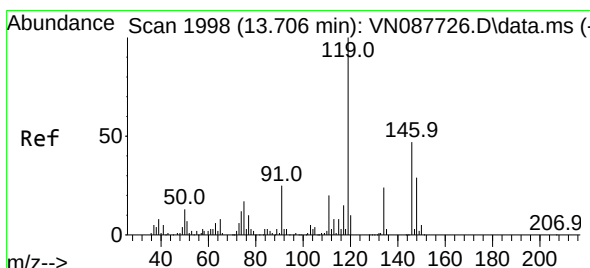
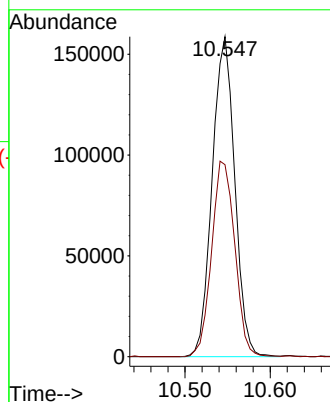
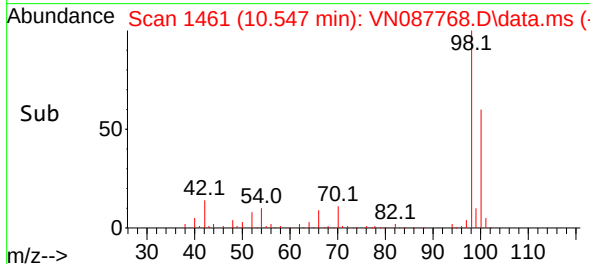
Tgt Ion: 98 Resp: 292130

Ion	Ratio	Lower	Upper
98	100		
100	62.7	50.6	76.0

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 09/10/2025



#82

p-Isopropyltoluene

Concen: 0.480 ug/l

RT: 13.700 min Scan# 1997

Delta R.T. -0.006 min

Lab File: VN087768.D

Acq: 09 Sep 2025 11:42

Tgt Ion:119 Resp: 5234

Ion	Ratio	Lower	Upper
119	100		
134	32.3	0.0	49.4
91	54.8	0.0	52.2

