

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082025\
 Data File : VN087612.D
 Acq On : 20 Aug 2025 13:03
 Operator : JC\MD
 Sample : Q2904-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/21/2025
 Supervised By : Mahesh Dadoda 08/22/2025

Quant Time: Aug 21 02:44:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 06 02:01:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.800	128	48872	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	262809	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	236696	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	129554	28.741	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	95.800%		
60) 4-Bromofluorobenzene	12.829	95	108549	26.648	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	88.833%		
63) Toluene-d8	10.547	98	319054	29.295	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	97.667%		
Target Compounds						
15) Acetone	4.424	58	14317	23.231	ug/l	96
25) Chloroform	7.953	83	104759	15.622	ug/l	100
30) 2-Butanone	7.471	43	32443	10.268	ug/l #	92
41) Bromodichloromethane	9.871	83	9300	1.719	ug/l #	93
58) 4-Methyl-2-Pentanone	10.435	43	16453m	2.702	ug/l	
62) Toluene	10.612	91	779699	53.372	ug/l	99
82) p-Isopropyltoluene	13.706	119	35142	2.696	ug/l	99

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

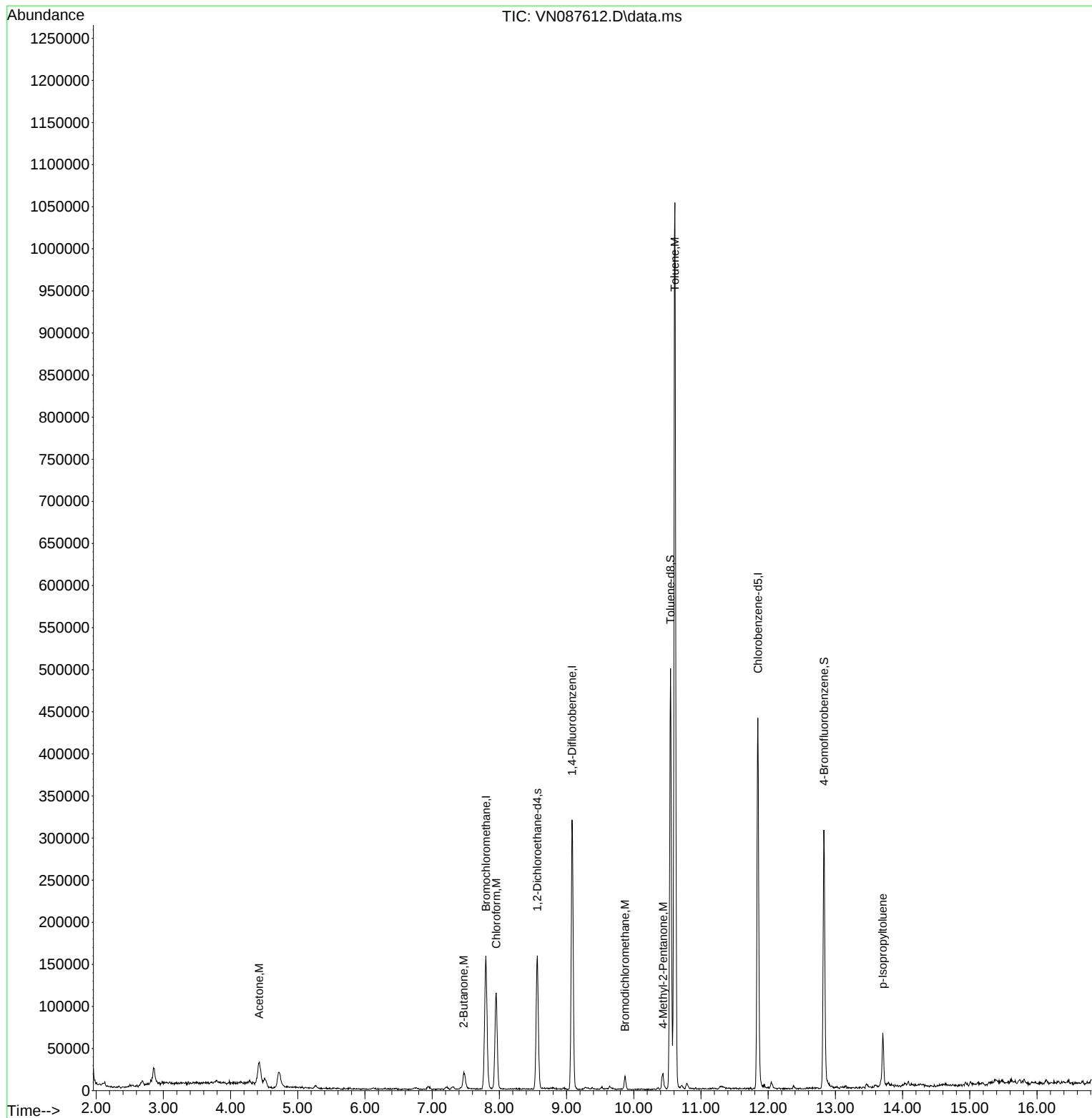
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082025\
Data File : VN087612.D
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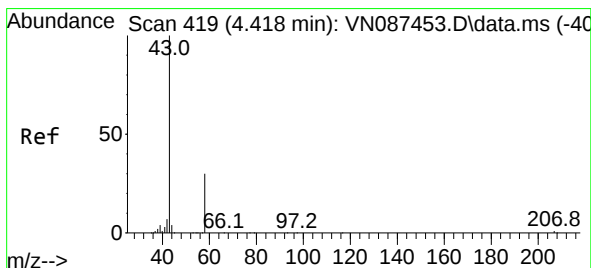
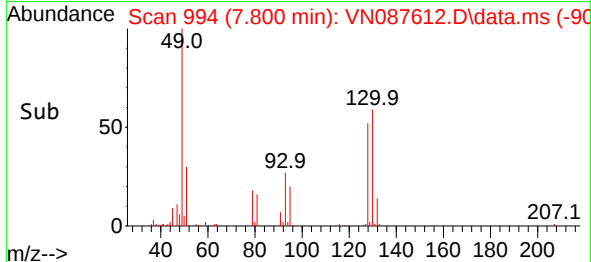
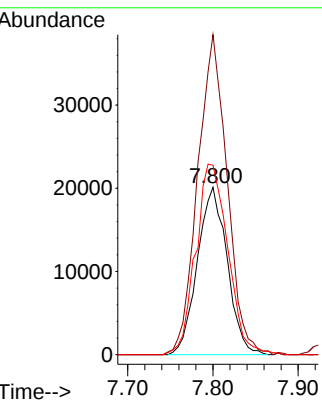
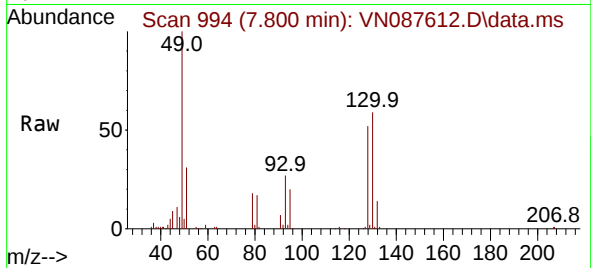
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087612.D
Acq: 20 Aug 2025 13:03

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

Tgt Ion:128 Resp: 48872
Ion Ratio Lower Upper
128 100
49 188.6 0.0 494.8
130 122.9 0.0 321.5

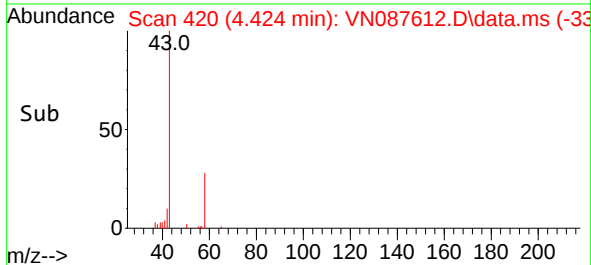
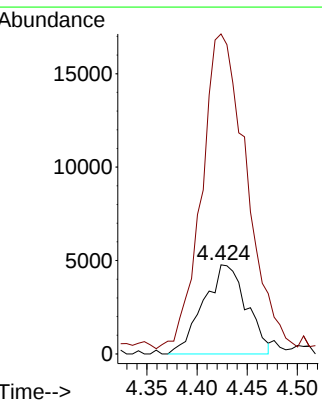
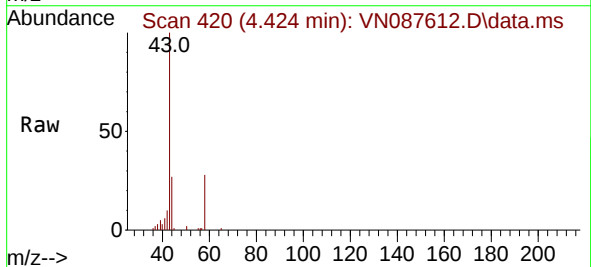
Manual Integrations
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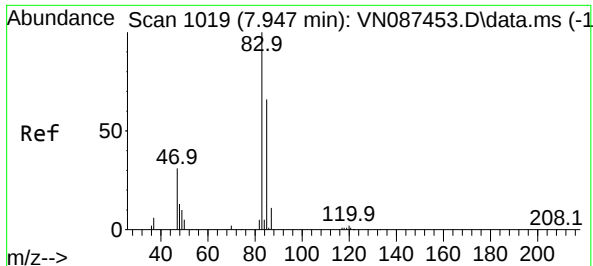
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#15
Acetone
Concen: 23.231 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN087612.D
Acq: 20 Aug 2025 13:03

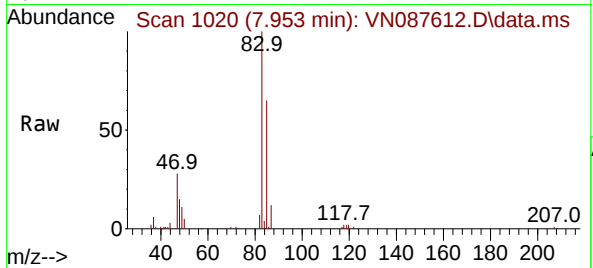
Tgt Ion: 58 Resp: 14317
Ion Ratio Lower Upper
58 100
43 344.6 268.9 403.3





#25
Chloroform
Concen: 15.622 ug/l
RT: 7.953 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VN087612.D
Acq: 20 Aug 2025 13:03

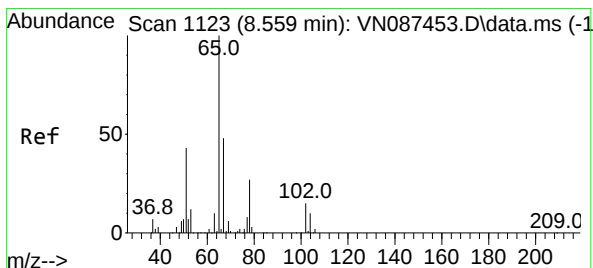
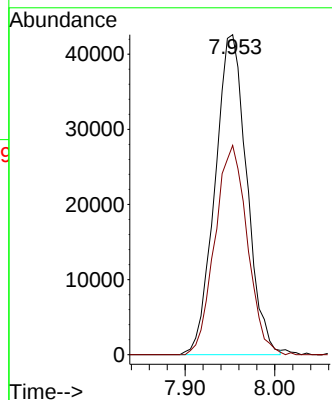
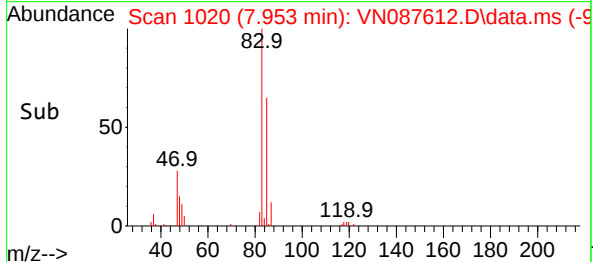
Instrument :
MSVOA_N
ClientSampleId :
001 willets Pt Blvd(july)



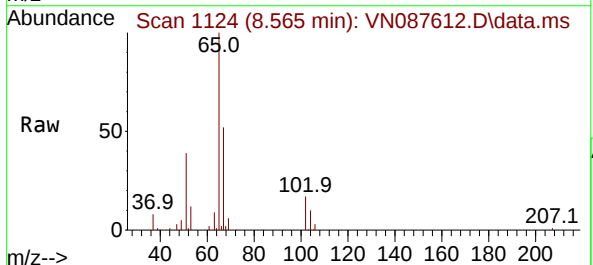
Tgt Ion: 83 Resp: 104759
Ion Ratio Lower Upper
83 100
85 65.4 52.6 78.8

Manual Integrations
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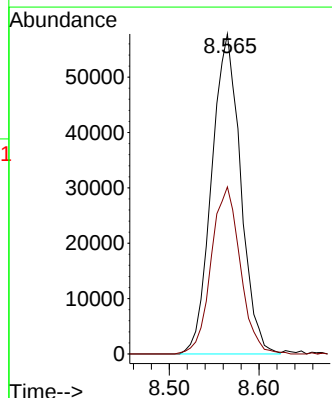
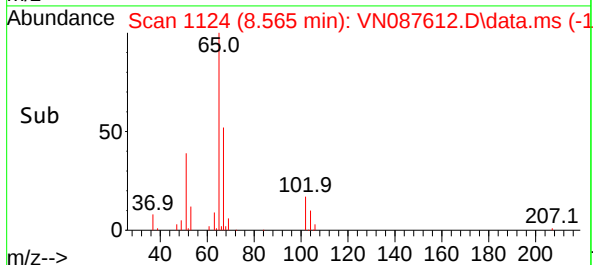
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

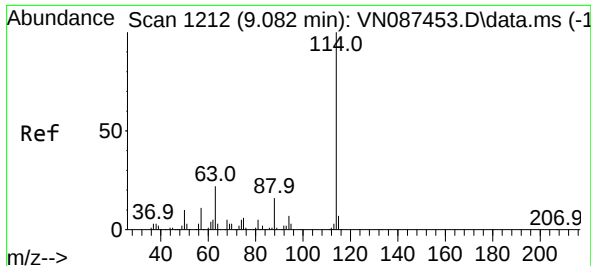


#27
1,2-Dichloroethane-d4
Concen: 28.741 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN087612.D
Acq: 20 Aug 2025 13:03



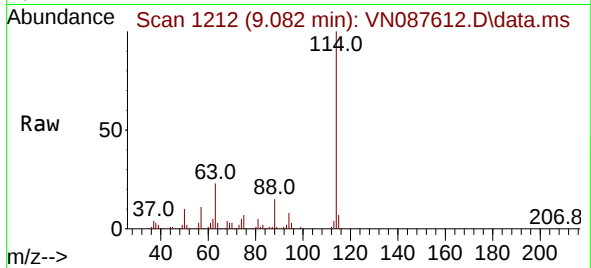
Tgt Ion: 65 Resp: 129554
Ion Ratio Lower Upper
65 100
67 52.3 40.8 61.2





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 114
Delta R.T. -0.000 min
Lab File: VN087612.D
Acq: 20 Aug 2025 13:03

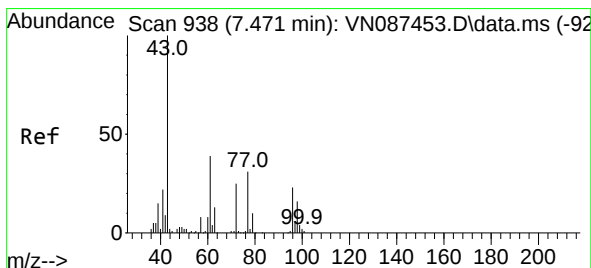
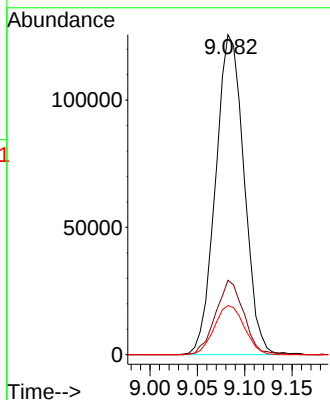
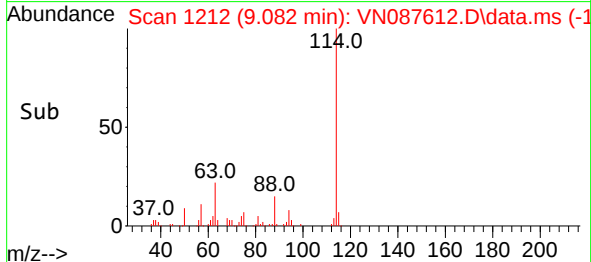
Instrument :
MSVOA_N
ClientSampleId :
001 willets Pt Blvd(july)



Tgt Ion:114 Resp: 262809
Ion Ratio Lower Upper
114 100
63 23.0 18.9 28.3
88 16.2 13.1 19.7

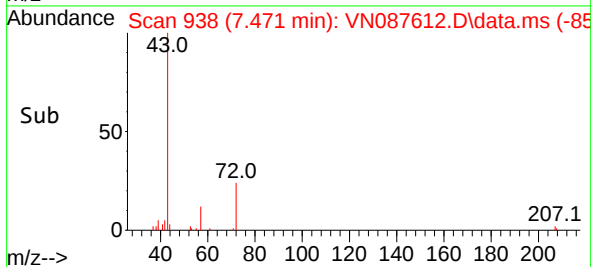
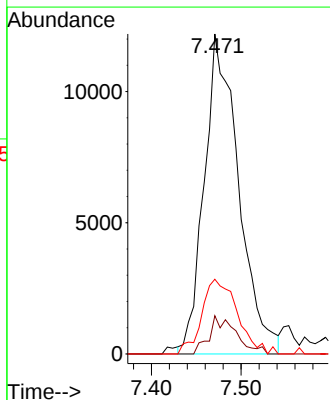
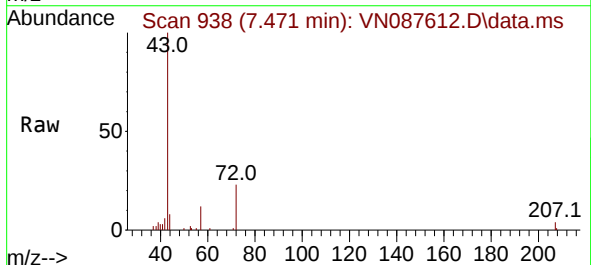
Manual Integrations
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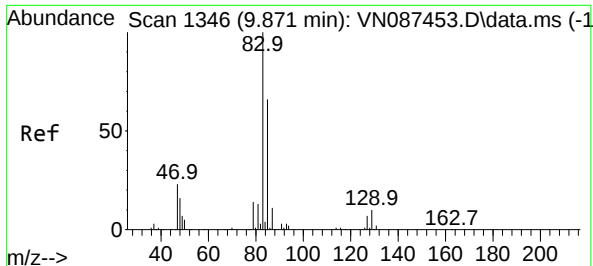
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#30
2-Butanone
Concen: 10.268 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN087612.D
Acq: 20 Aug 2025 13:03

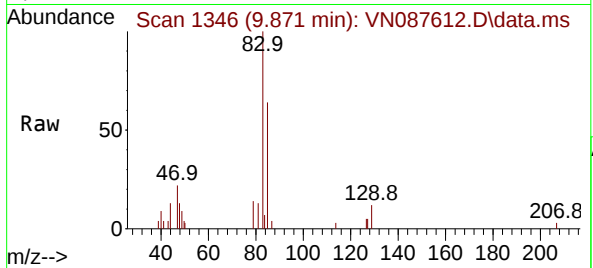
Tgt Ion: 43 Resp: 32443
Ion Ratio Lower Upper
43 100
57 1.6 6.6 9.8#
72 22.1 19.7 29.5





#41
Bromodichloromethane
Concen: 1.719 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VN087612.D
Acq: 20 Aug 2025 13:03

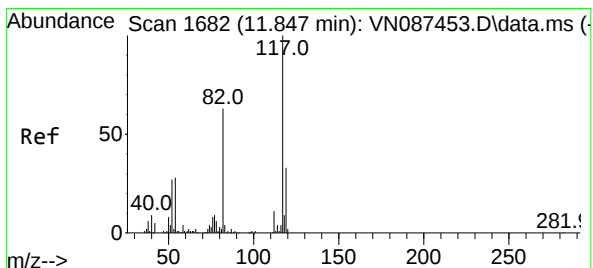
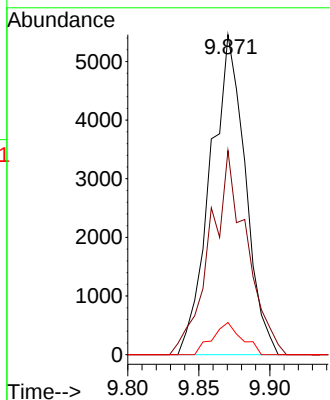
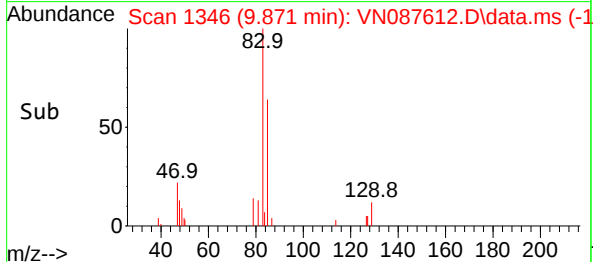
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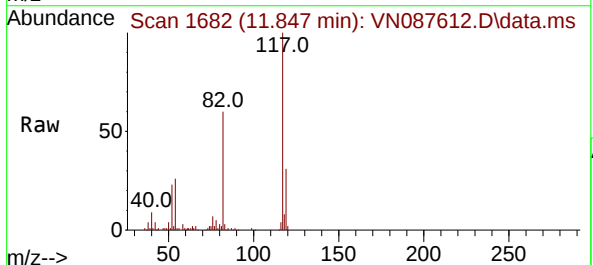
Tgt Ion: 83 Resp: 9300
Ion Ratio Lower Upper
83 100
85 60.6 52.9 79.3
127 10.0 5.8 8.6

Manual Integrations
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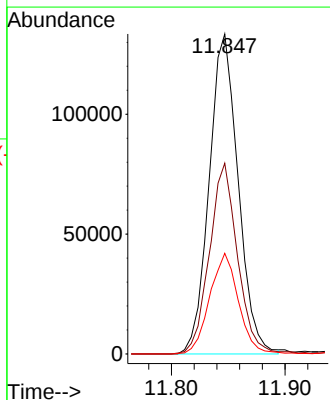
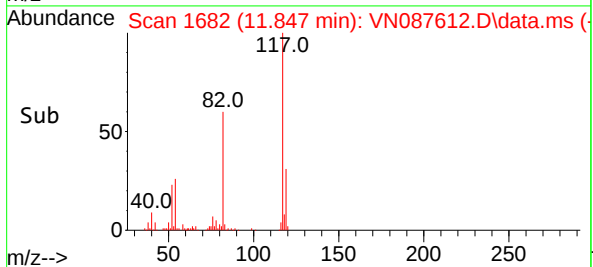
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Supervised By :Mahesh Dadoda 08/22/2025

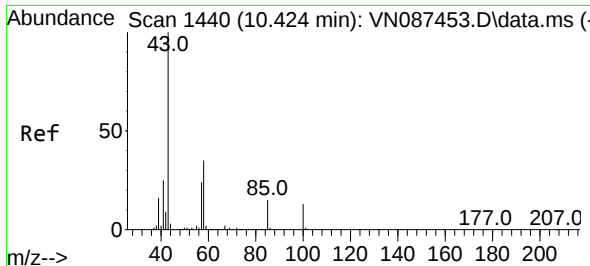


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN087612.D
Acq: 20 Aug 2025 13:03



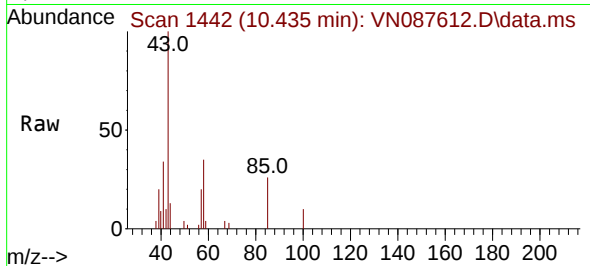
Tgt Ion:117 Resp: 236696
Ion Ratio Lower Upper
117 100
82 57.7 49.2 73.8
119 31.4 25.7 38.5





#58
 4-Methyl-2-Pentanone
 Concen: 2.702 ug/l m
 RT: 10.435 min Scan# 1442
 Delta R.T. 0.012 min
 Lab File: VN087612.D
 Acq: 20 Aug 2025 13:03

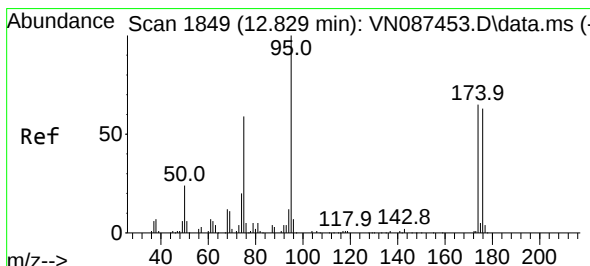
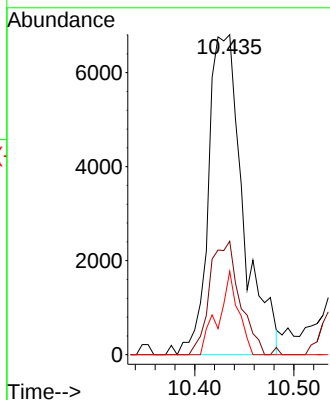
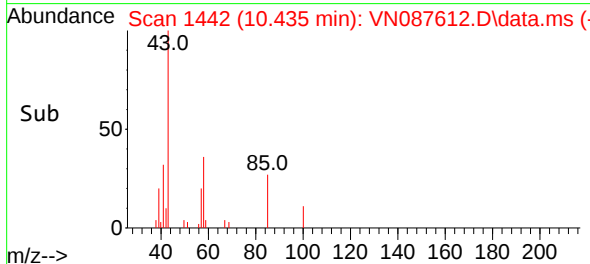
Instrument :
 MSVOA_N
 ClientSampleId :
 001 willets Pt Blvd(july)



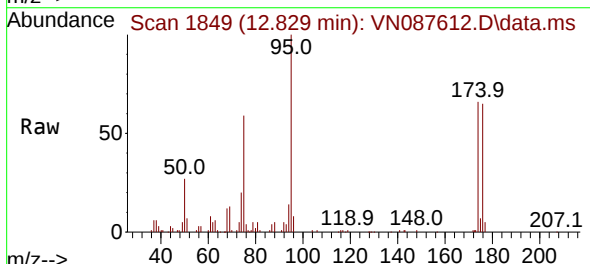
Tgt Ion: 43 Resp: 1645
 Ion Ratio Lower Upper
 43 100
 58 0.0 29.0 43.6
 85 10.9 12.7 19.1

Manual Integrations
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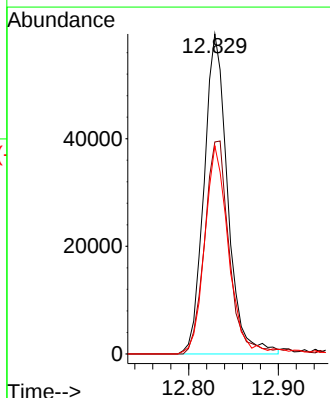
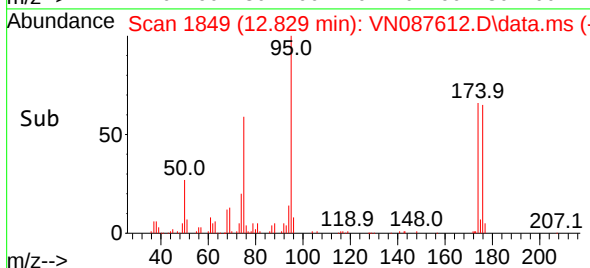
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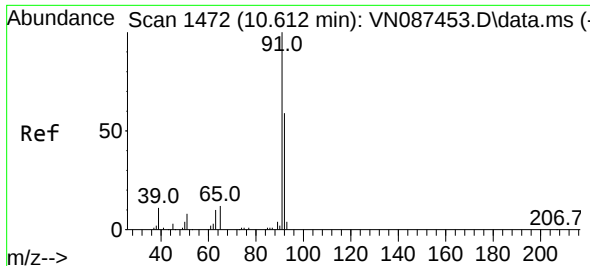


#60
 4-Bromofluorobenzene
 Concen: 26.648 ug/l
 RT: 12.829 min Scan# 1849
 Delta R.T. -0.000 min
 Lab File: VN087612.D
 Acq: 20 Aug 2025 13:03



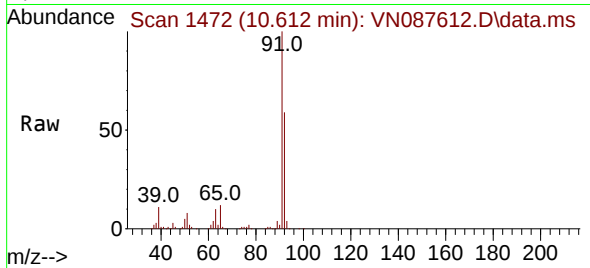
Tgt Ion: 95 Resp: 108549
 Ion Ratio Lower Upper
 95 100
 174 69.4 52.3 78.5
 176 64.0 49.8 74.8





#62
Toluene
Concen: 53.372 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087612.D
Acq: 20 Aug 2025 13:03

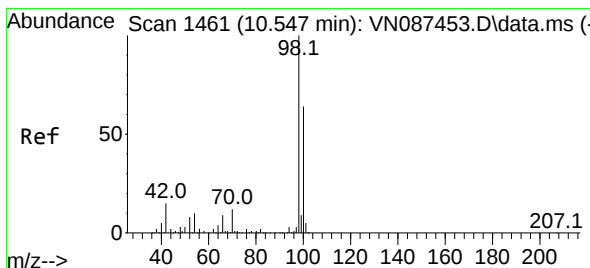
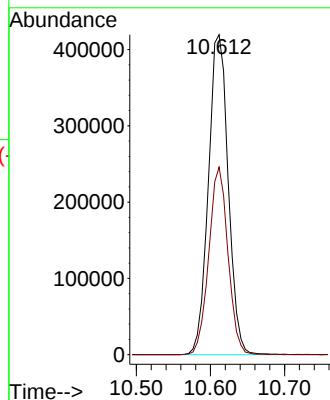
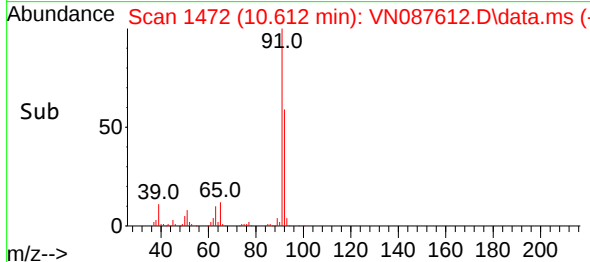
Instrument :
MSVOA_N
ClientSampleId :
001 willets Pt Blvd(july)



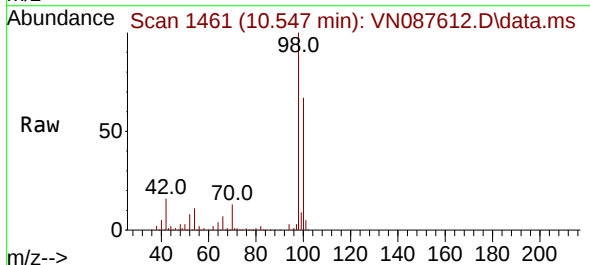
Tgt Ion: 91 Resp: 779699
Ion Ratio Lower Upper
91 100
92 56.6 45.8 68.6

Manual Integrations
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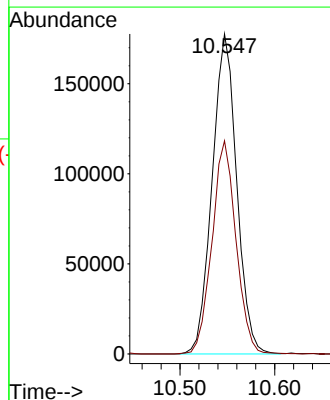
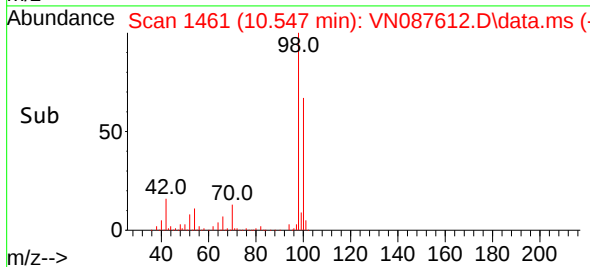
Reviewed By :John Carlone 08/21/2025
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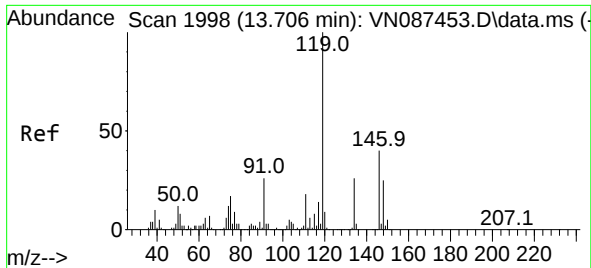


#63
Toluene-d8
Concen: 29.295 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087612.D
Acq: 20 Aug 2025 13:03



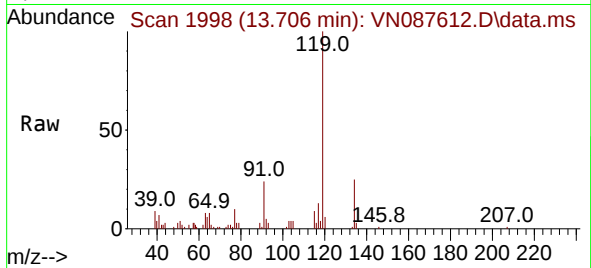
Tgt Ion: 98 Resp: 319054
Ion Ratio Lower Upper
98 100
100 65.3 50.5 75.7





#82
 p-Isopropyltoluene
 Concen: 2.696 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087612.D
 Acq: 20 Aug 2025 13:03

Instrument :
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Tgt Ion:	119	Resp:	3514
Ion	Ratio	Lower	Upper
119	100		
134	25.1	0.0	51.4
91	26.2	0.0	52.0

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