

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073025\
 Data File : VN087441.D
 Acq On : 30 Jul 2025 13:45
 Operator : JC\MD
 Sample : Q2729-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :John Carlone 07/31/2025
 Supervised By :Mahesh Dadoda 07/31/2025

Quant Time: Jul 31 01:14:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jul 28 11:35:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.794	128	40103	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	217950	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	191714	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	94634	30.859	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.867%			
60) 4-Bromofluorobenzene	12.829	95	85641	27.203	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 90.667%			
63) Toluene-d8	10.547	98	269216	30.578	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.933%			
Target Compounds						Qvalue
15) Acetone	4.424	58	8161m	21.708	ug/l	
25) Chloroform	7.947	83	159029	34.172	ug/l	99
30) 2-Butanone	7.477	43	30296	13.515	ug/l	94
41) Bromodichloromethane	9.871	83	15133	4.160	ug/l #	99
58) 4-Methyl-2-Pentanone	10.429	43	11938m	2.765	ug/l	
62) Toluene	10.612	91	1010309	93.378	ug/l	99
82) p-Isopropyltoluene	13.706	119	21662	2.255	ug/l	98

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

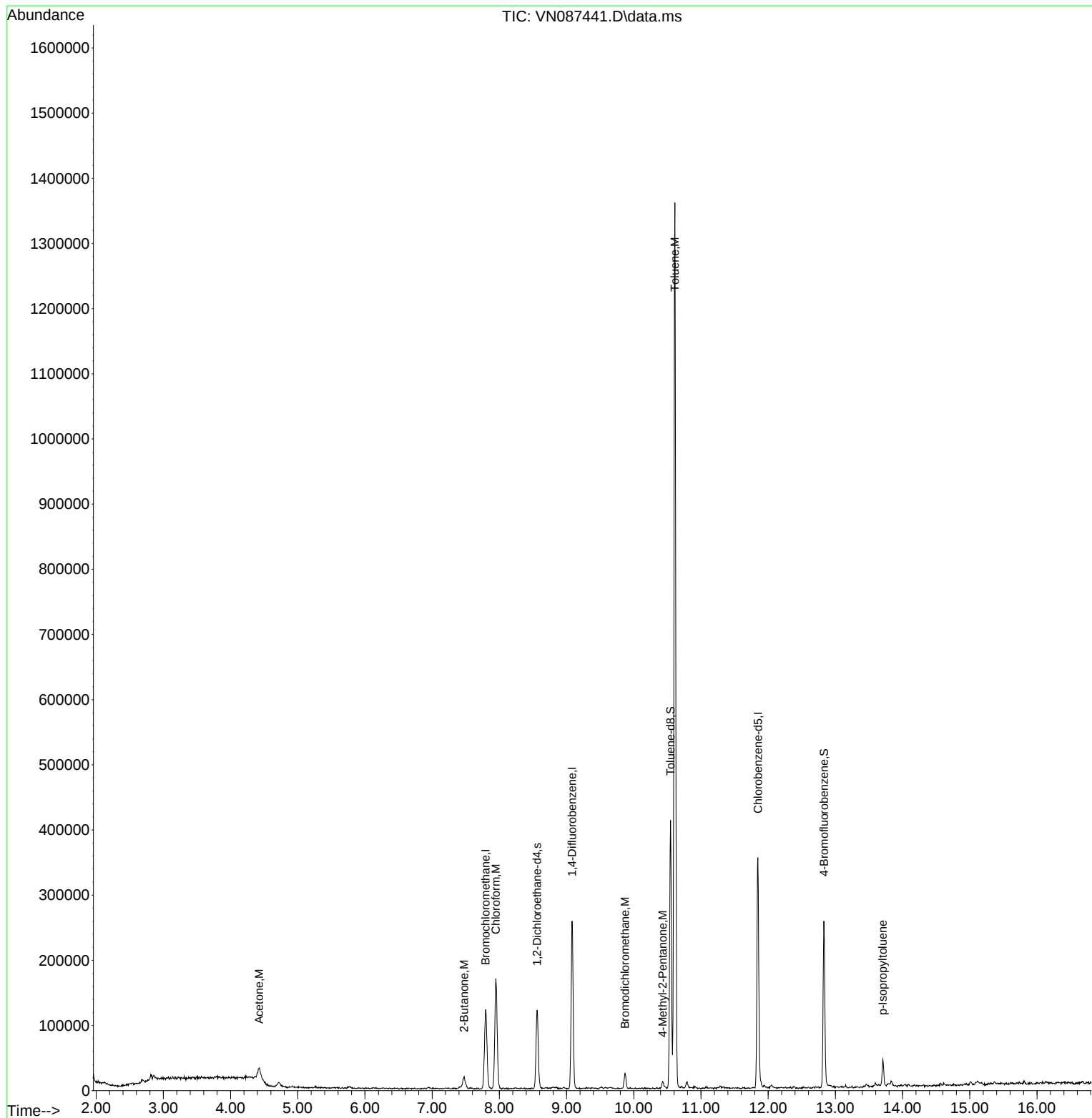
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073025\
Data File : VN087441.D
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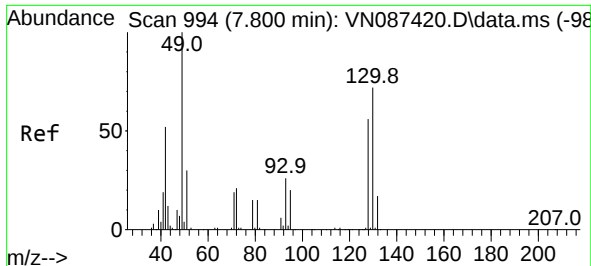
Instrument :
MSVOA_N
ClientSampleId :
001 willets Pt Blvd(june)

Quant Time: Jul 31 01:14:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:35:47 2025
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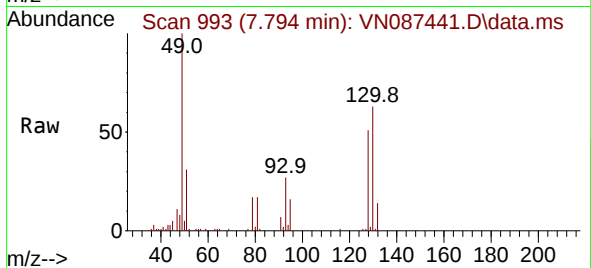
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 994
Delta R.T. -0.006 min
Lab File: VN087441.D
Acq: 30 Jul 2025 13:45

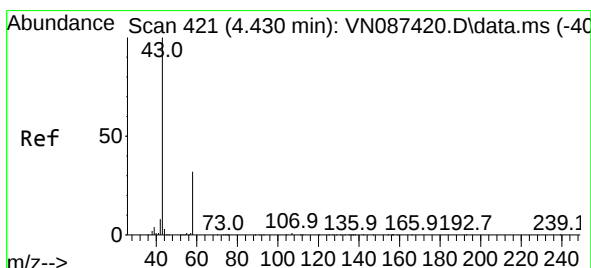
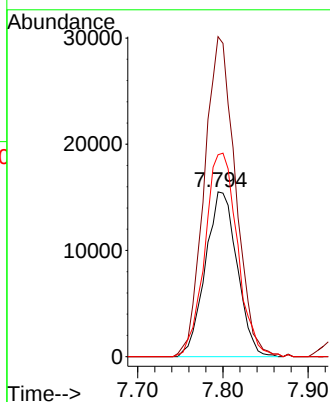
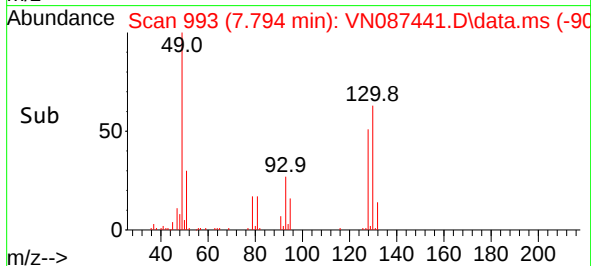
Instrument :
MSVOA_N
Client Sample Id :
001 willets Pt Blvd(june)



Tgt Ion:128 Resp: 4010
Ion Ratio Lower Upper
128 100
49 190.4 0.0 457.3
130 126.8 0.0 316.0

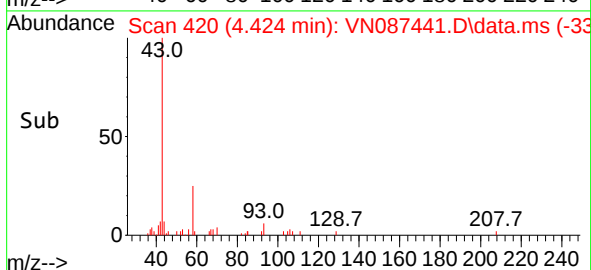
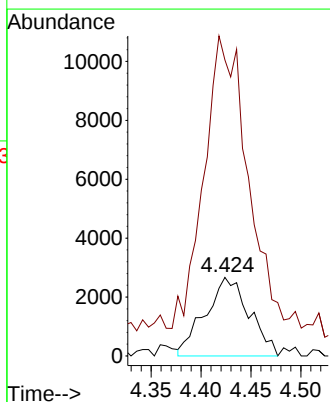
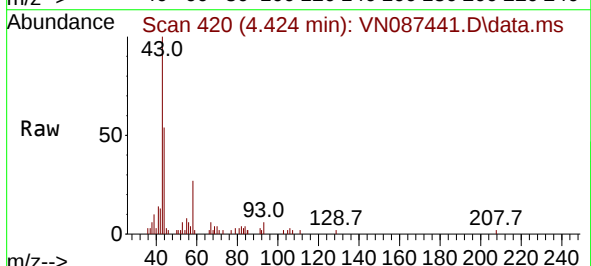
Manual Integrations
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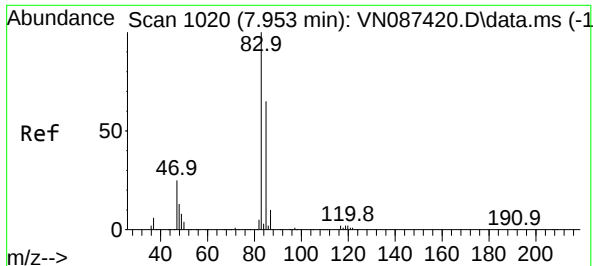
Reviewed By :John Carlone 07/31/2025
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#15
Acetone
Concen: 21.708 ug/l m
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN087441.D
Acq: 30 Jul 2025 13:45

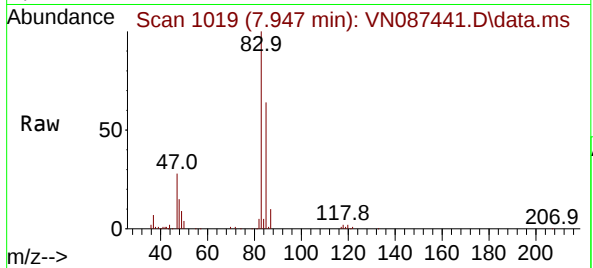
Tgt Ion: 58 Resp: 8161
Ion Ratio Lower Upper
58 100
43 376.4 248.4 372.6#





#25
Chloroform
Concen: 34.172 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VN087441.D
Acq: 30 Jul 2025 13:45

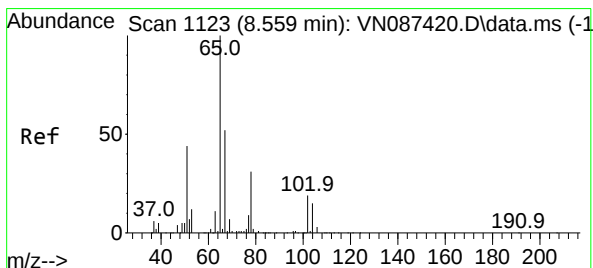
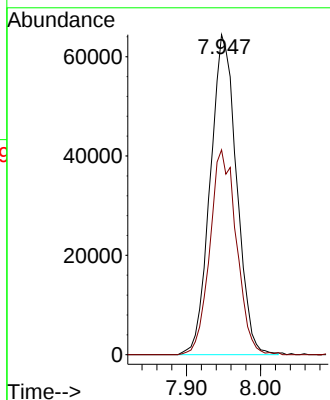
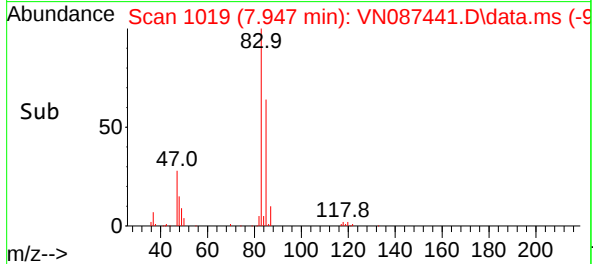
Instrument :
MSVOA_N
ClientSampleId :
001 willets Pt Blvd(june)



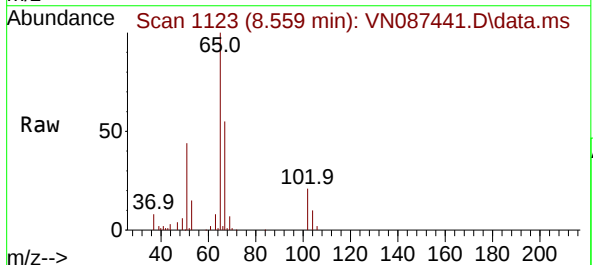
Tgt Ion: 83 Resp: 159029
Ion Ratio Lower Upper
83 100
85 64.0 52.0 78.0

Manual Integrations
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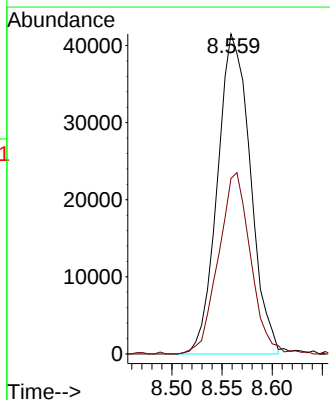
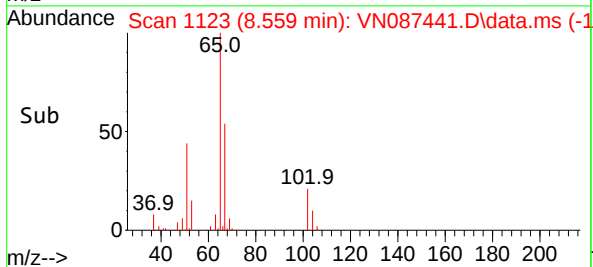
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

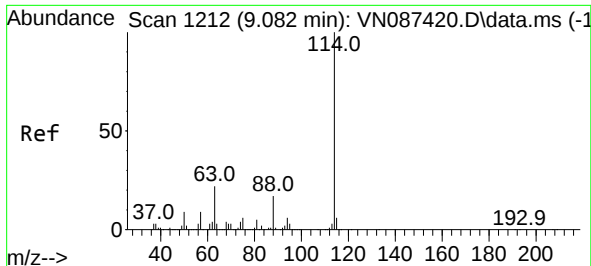


#27
1,2-Dichloroethane-d4
Concen: 30.859 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087441.D
Acq: 30 Jul 2025 13:45



Tgt Ion: 65 Resp: 94634
Ion Ratio Lower Upper
65 100
67 55.2 42.3 63.5





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.082 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087441.D

Acq: 30 Jul 2025 13:45

Instrument :

MSVOA_N

ClientSampleId :

001 willets Pt Blvd(june)

Tgt Ion:114 Resp: 217950

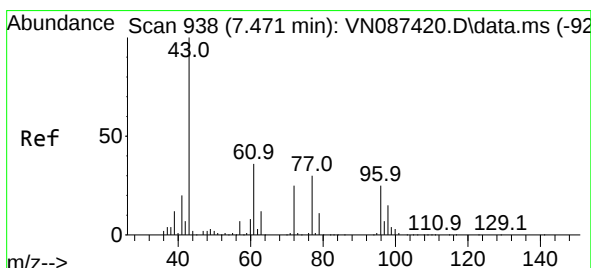
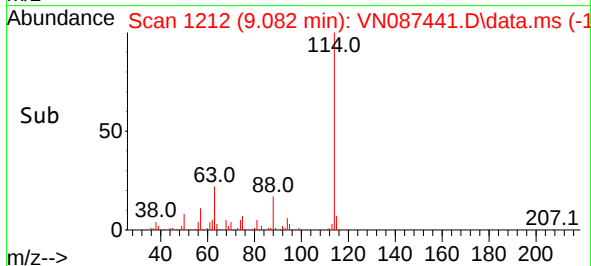
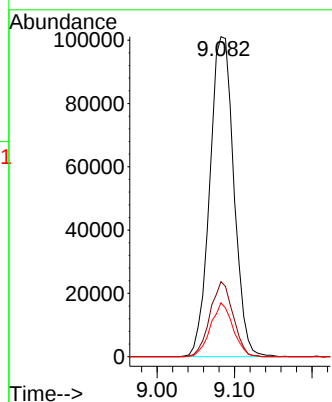
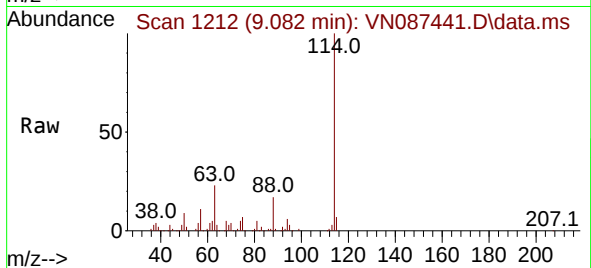
Ion	Ratio	Lower	Upper
114	100		
63	22.4	17.8	26.6
88	15.7	13.0	19.4

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#30

2-Butanone

Concen: 13.515 ug/l

RT: 7.477 min Scan# 939

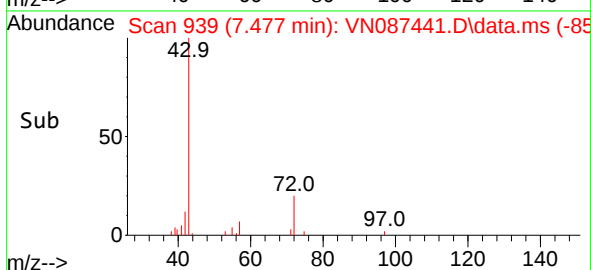
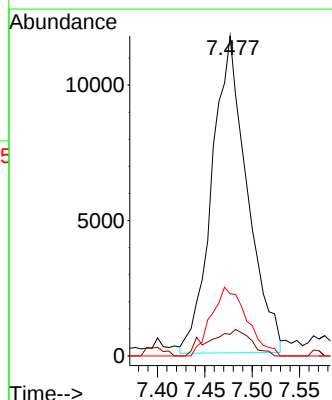
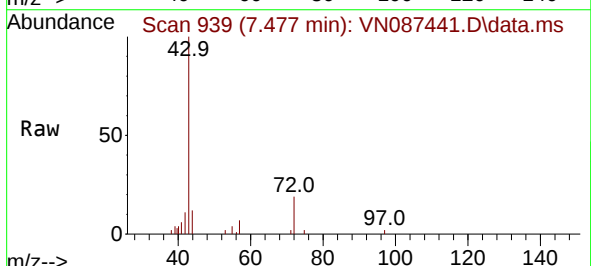
Delta R.T. 0.006 min

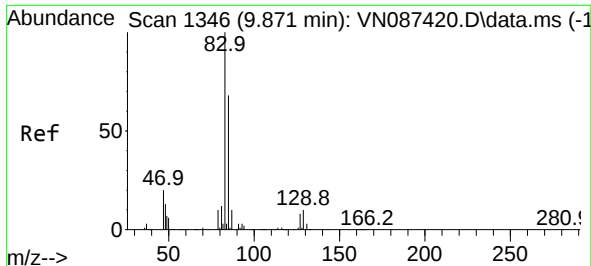
Lab File: VN087441.D

Acq: 30 Jul 2025 13:45

Tgt Ion: 43 Resp: 30296

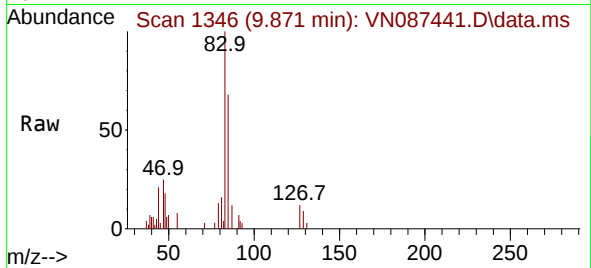
Ion	Ratio	Lower	Upper
43	100		
57	6.3	6.0	9.0
72	21.9	20.3	30.5





#41
Bromodichloromethane
Concen: 4.160 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VN087441.D
Acq: 30 Jul 2025 13:45

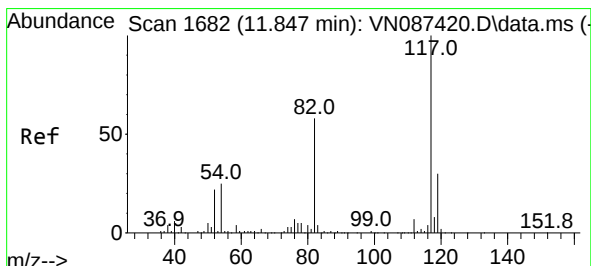
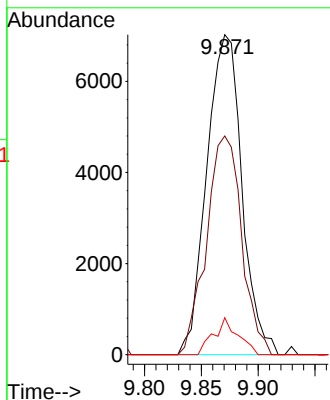
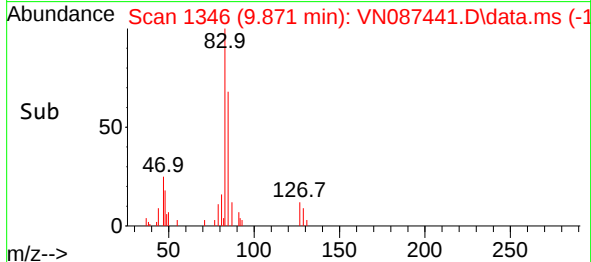
Instrument :
MSVOA_N
ClientSampleId :
001 willets Pt Blvd(june)



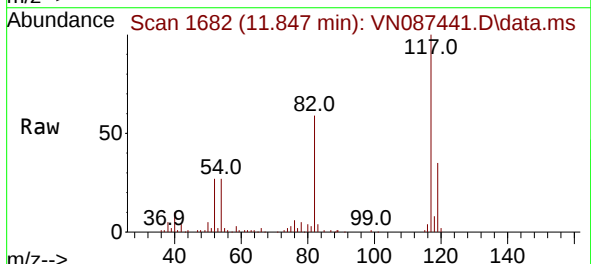
Tgt Ion: 83 Resp: 1513
Ion Ratio Lower Upper
83 100
85 68.3 54.5 81.7
127 11.5 6.6 10.0

Manual Integrations
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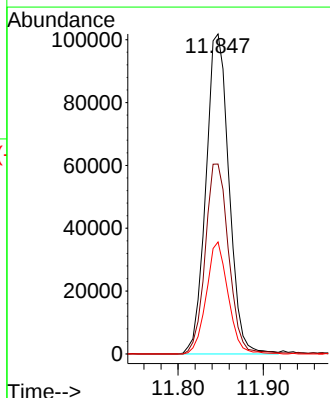
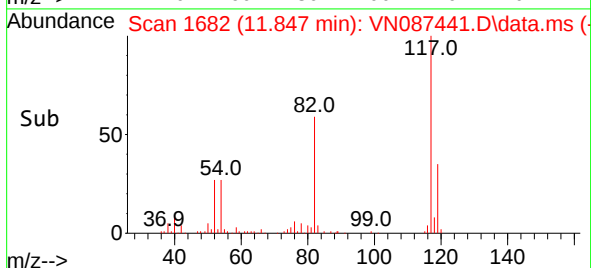
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

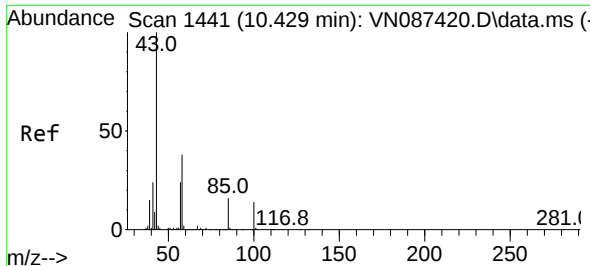


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN087441.D
Acq: 30 Jul 2025 13:45



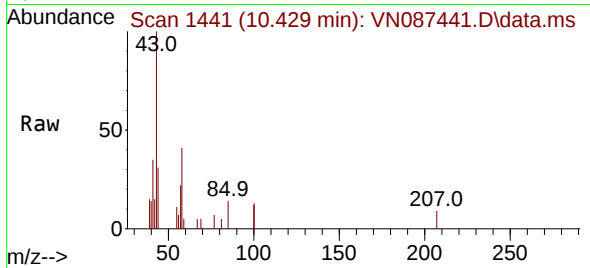
Tgt Ion:117 Resp: 191714
Ion Ratio Lower Upper
117 100
82 60.4 46.2 69.4
119 33.1 25.7 38.5





#58
4-Methyl-2-Pentanone
Concen: 2.765 ug/l m
RT: 10.429 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VN087441.D
Acq: 30 Jul 2025 13:45

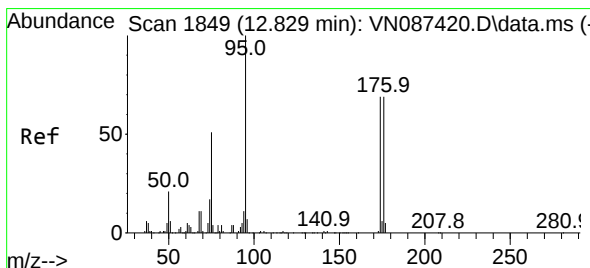
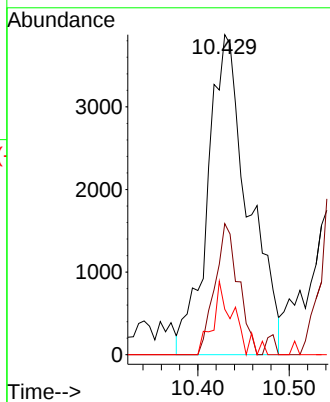
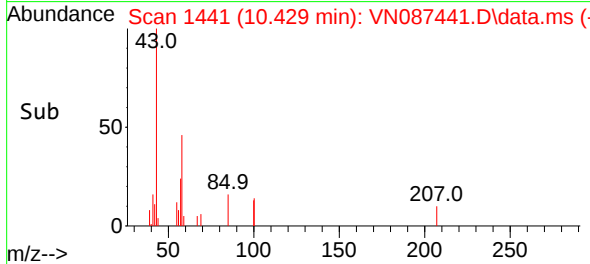
Instrument :
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ClientSampleId :
001 willets Pt Blvd(june)



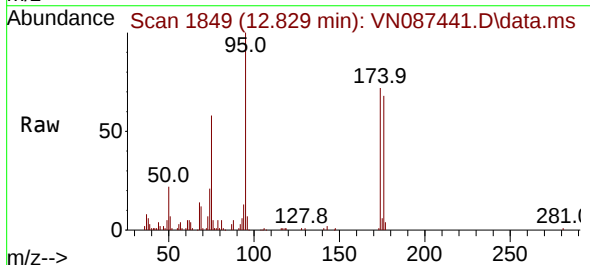
Tgt Ion: 43 Resp: 11938
Ion Ratio Lower Upper
43 100
58 23.8 29.9 44.9
85 6.4 12.8 19.2

Manual Integrations
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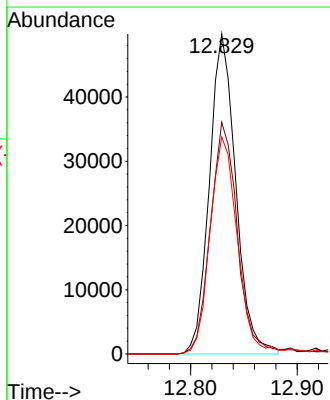
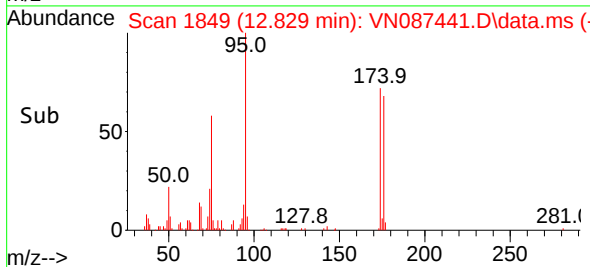
Reviewed By :John Carlone 07/31/2025
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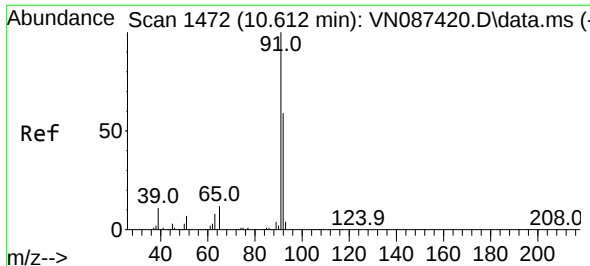


#60
4-Bromofluorobenzene
Concen: 27.203 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087441.D
Acq: 30 Jul 2025 13:45



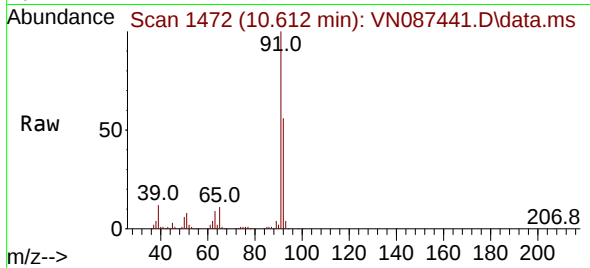
Tgt Ion: 95 Resp: 85641
Ion Ratio Lower Upper
95 100
174 73.7 57.8 86.8
176 70.3 54.9 82.3





#62
Toluene
Concen: 93.378 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087441.D
Acq: 30 Jul 2025 13:45

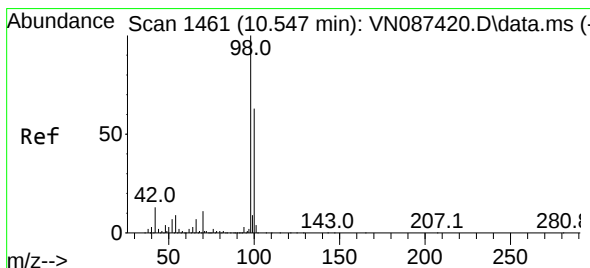
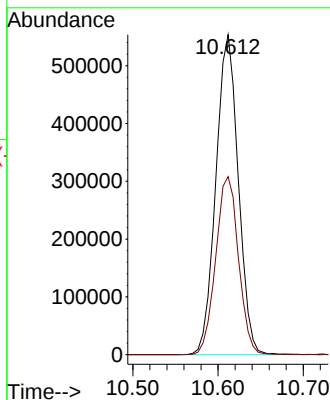
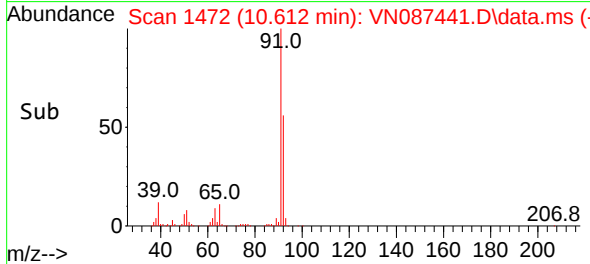
Instrument :
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ClientSampleId :
001 willets Pt Blvd(june)



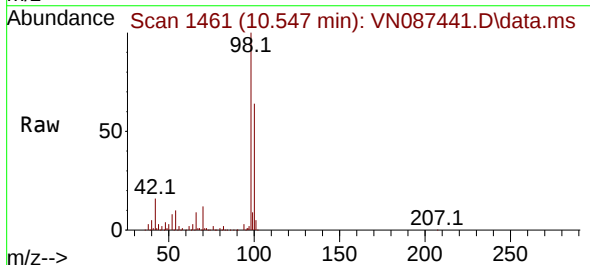
Tgt Ion: 91 Resp: 1010309
Ion Ratio Lower Upper
91 100
92 56.5 45.6 68.4

Manual Integrations
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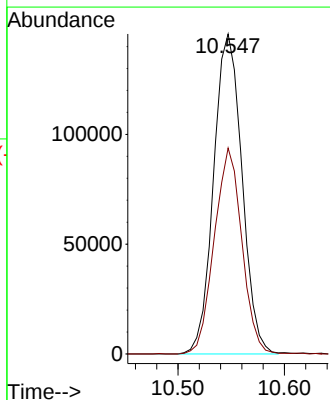
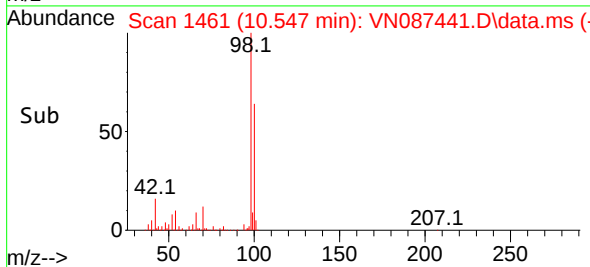
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

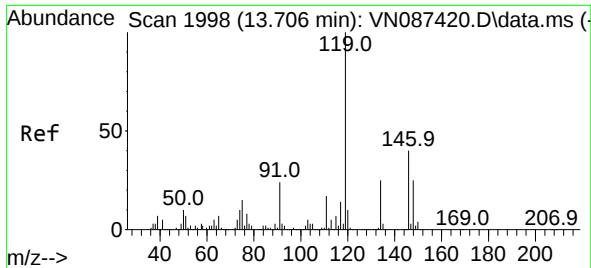


#63
Toluene-d8
Concen: 30.578 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087441.D
Acq: 30 Jul 2025 13:45



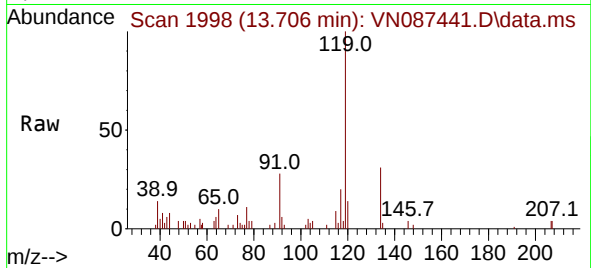
Tgt Ion: 98 Resp: 269216
Ion Ratio Lower Upper
98 100
100 62.6 50.7 76.1





#82
 p-Isopropyltoluene
 Concen: 2.255 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087441.D
 Acq: 30 Jul 2025 13:45

Instrument : MSVOA_N
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Tgt Ion:	119	Resp:	2166
Ion Ratio	Lower	Upper	
119	100		
134	25.4	0.0	50.8
91	25.3	0.0	47.6

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