

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080625\
 Data File : VN087476.D
 Acq On : 06 Aug 2025 12:56
 Operator : JC\MD
 Sample : Q2769-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 001-WILLETS-PT-BLVD(AUG)

Quant Time: Aug 07 03:36:23 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

Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/07/2025
 Supervised By :Mahesh Dadoda 08/07/2025

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

Internal Standards						
1) Bromochloromethane	7.800	128	56870	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	314501	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	279409	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	163186	31.110	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.700%			
60) 4-Bromofluorobenzene	12.829	95	134587	27.990	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 93.300%			
63) Toluene-d8	10.547	98	381038	29.638	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.800%			
Target Compounds						
					Qvalue	
15) Acetone	4.430	58	18373m	25.620	ug/l	
25) Chloroform	7.947	83	245380	31.445	ug/l	97
30) 2-Butanone	7.471	43	23372m	6.181	ug/l	
41) Bromodichloromethane	9.871	83	20637	3.188	ug/l #	96
46) Methyl methacrylate	9.665	41	11542	1.975	ug/l	99
62) Toluene	10.612	91	377666	21.900	ug/l	98
82) p-Isopropyltoluene	13.706	119	7634	0.496	ug/l	98

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

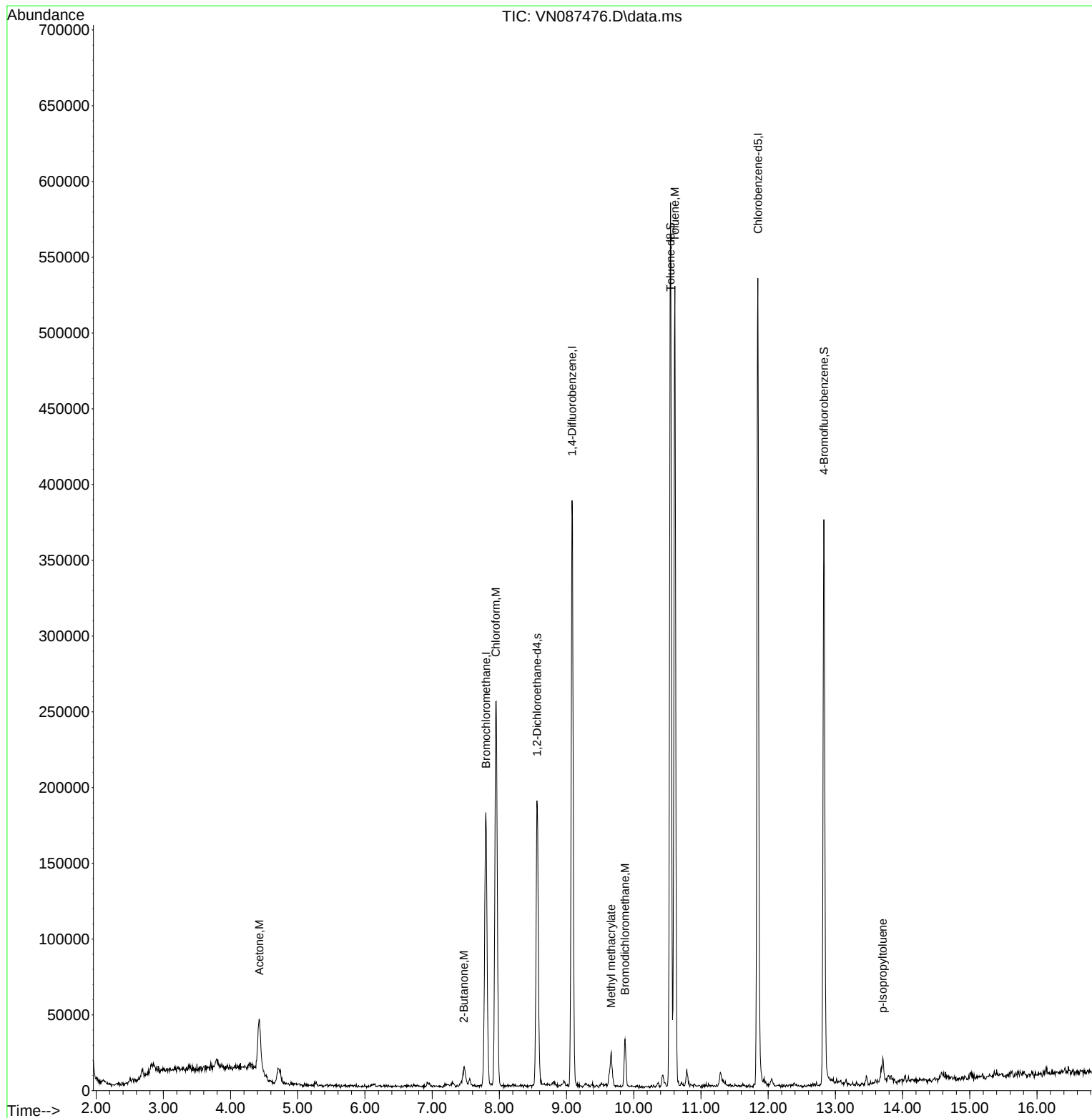
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080625\
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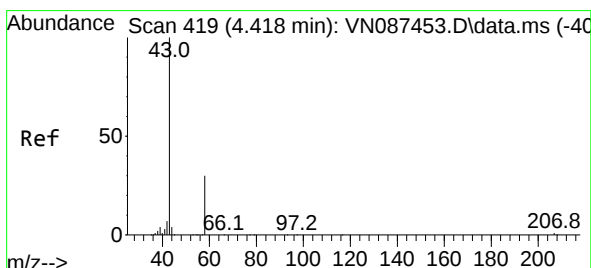
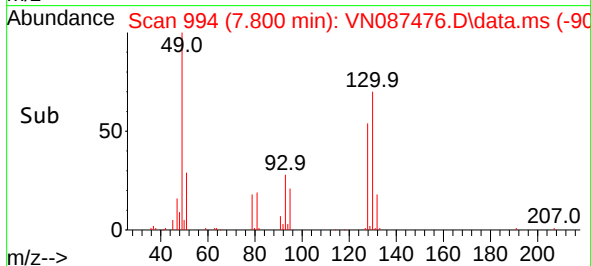
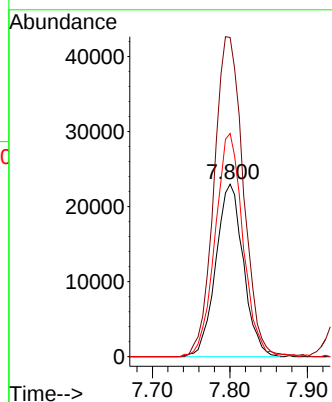
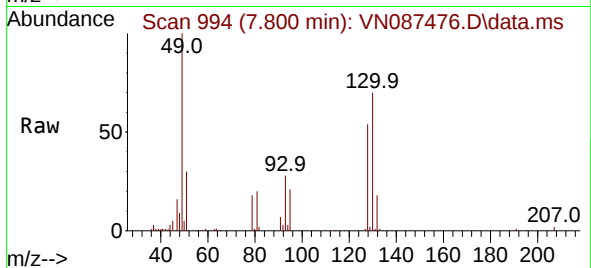
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087476.D
Acq: 06 Aug 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(AUG)

Tgt Ion:128 Resp: 56870
Ion Ratio Lower Upper
128 100
49 197.0 0.0 494.8
130 130.6 0.0 321.5

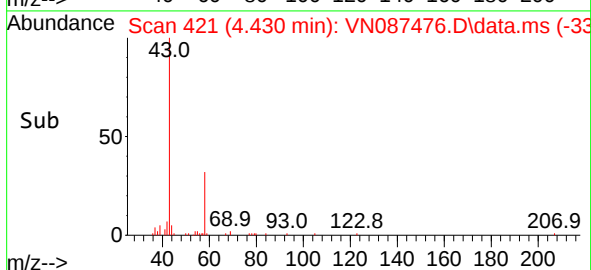
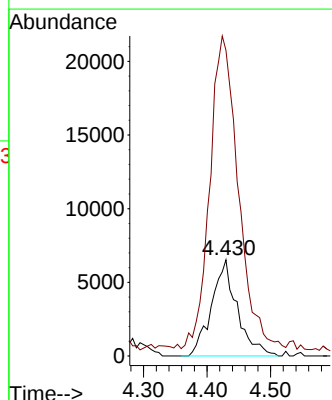
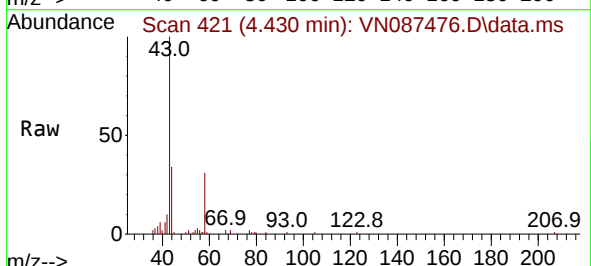
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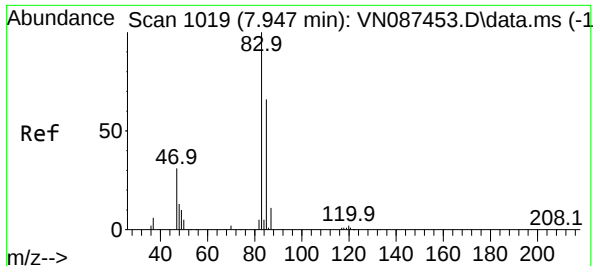
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#15
Acetone
Concen: 25.620 ug/l m
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN087476.D
Acq: 06 Aug 2025 12:56

Tgt Ion: 58 Resp: 18373
Ion Ratio Lower Upper
58 100
43 317.7 268.9 403.3





#25

Chloroform

Concen: 31.445 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VN087476.D

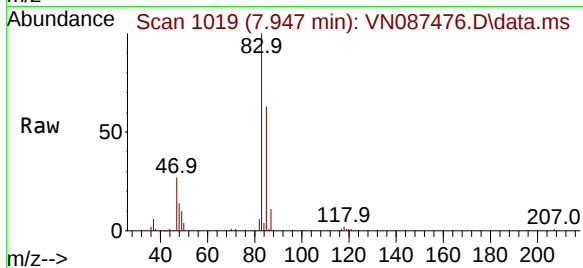
Acq: 06 Aug 2025 12:56

Instrument :

MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD(AUG)



Tgt Ion: 83 Resp: 245386

Ion Ratio Lower Upper

83 100

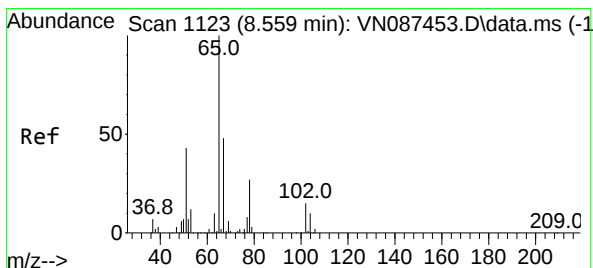
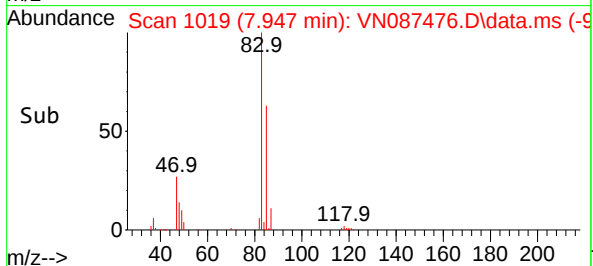
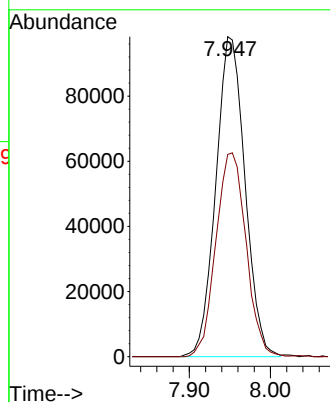
85 63.2 52.6 78.8

Manual Integrations

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#27

1,2-Dichloroethane-d4

Concen: 31.110 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN087476.D

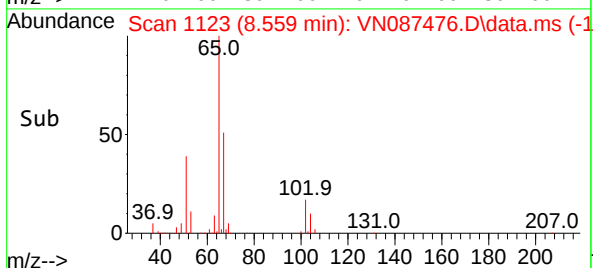
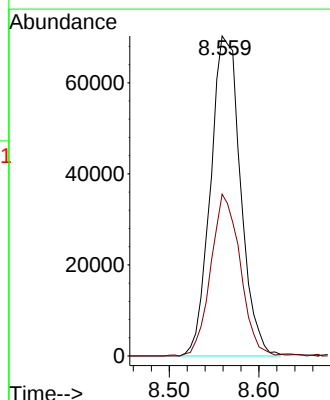
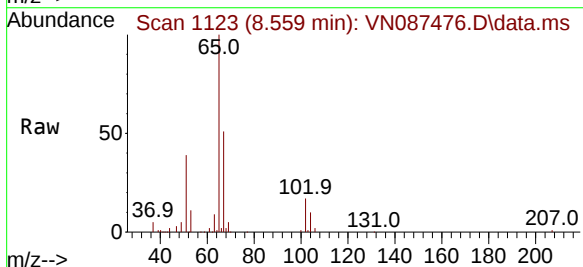
Acq: 06 Aug 2025 12:56

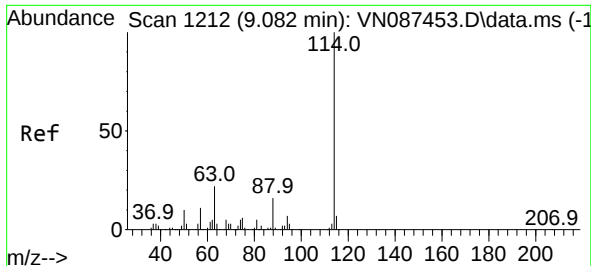
Tgt Ion: 65 Resp: 163186

Ion Ratio Lower Upper

65 100

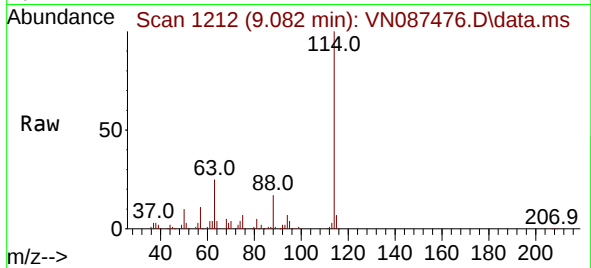
67 49.4 40.8 61.2





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 114
Delta R.T. -0.000 min
Lab File: VN087476.D
Acq: 06 Aug 2025 12:56

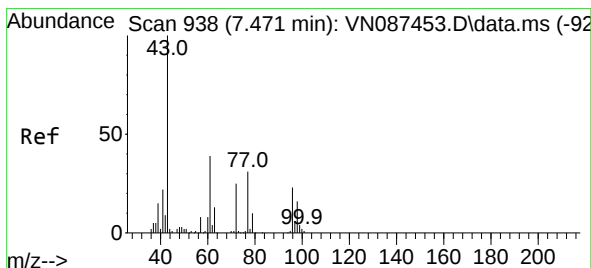
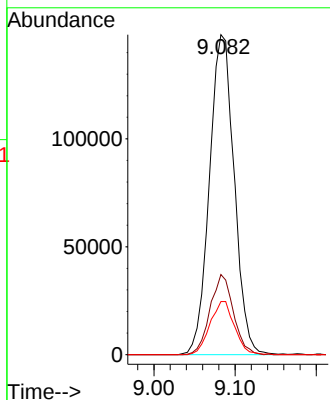
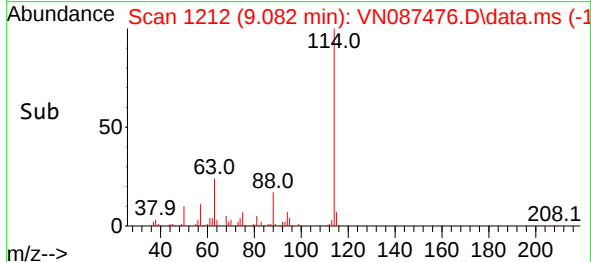
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(AUG)



Tgt Ion:114 Resp: 31450
Ion Ratio Lower Upper
114 100
63 23.6 18.9 28.3
88 16.4 13.1 19.7

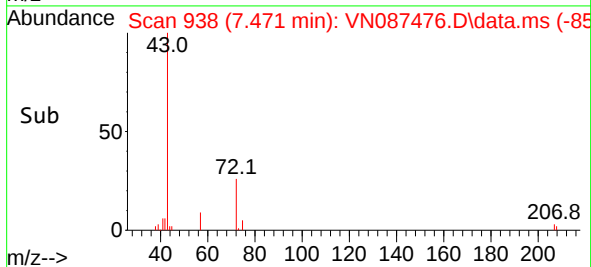
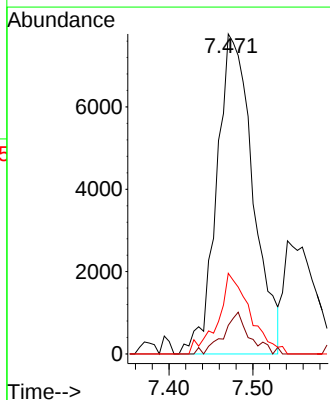
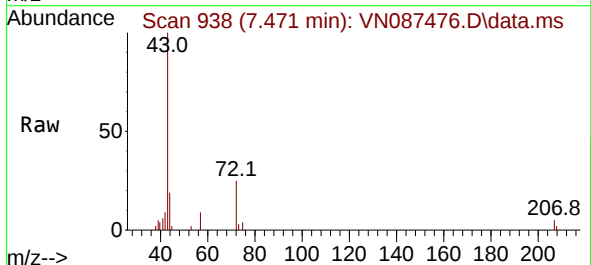
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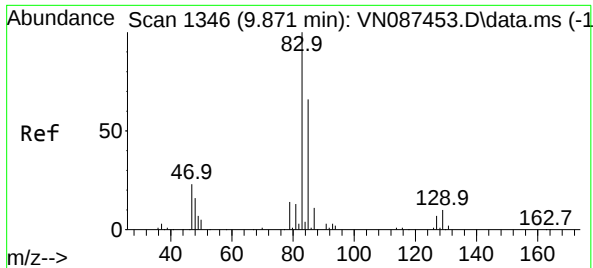
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#30
2-Butanone
Concen: 6.181 ug/l m
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN087476.D
Acq: 06 Aug 2025 12:56

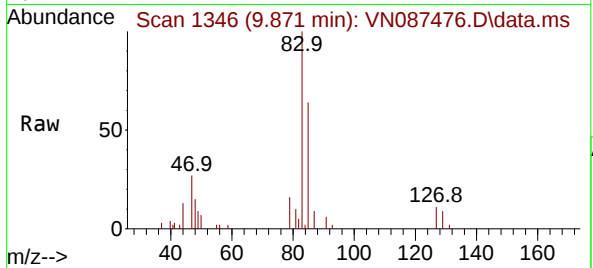
Tgt Ion: 43 Resp: 23372
Ion Ratio Lower Upper
43 100
57 8.2 6.6 9.8
72 21.4 19.7 29.5





#41
Bromodichloromethane
Concen: 3.188 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VN087476.D
Acq: 06 Aug 2025 12:56

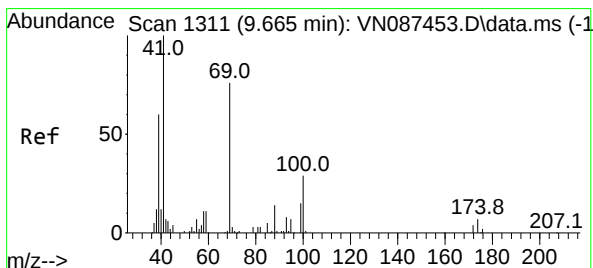
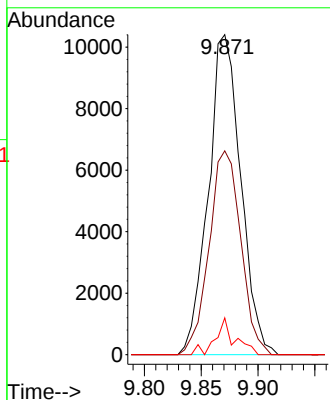
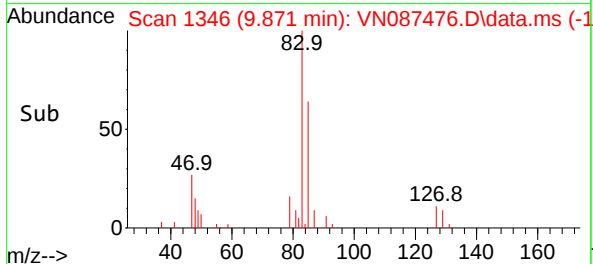
Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(AUG)



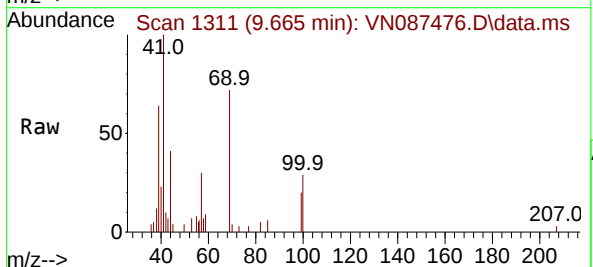
Tgt Ion: 83 Resp: 2063
Ion Ratio Lower Upper
83 100
85 63.7 52.9 79.3
127 11.5 5.8 8.6

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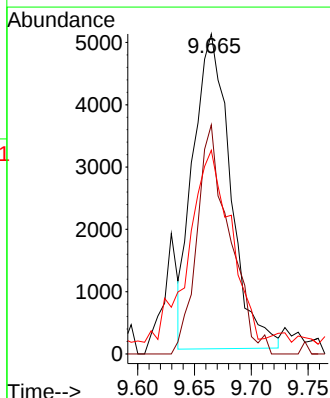
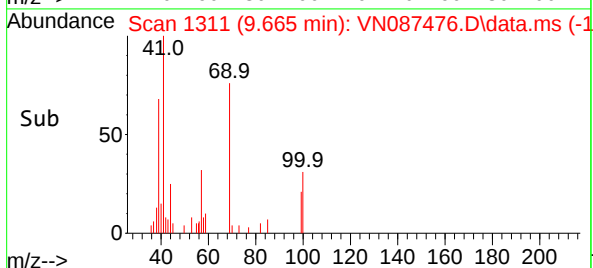
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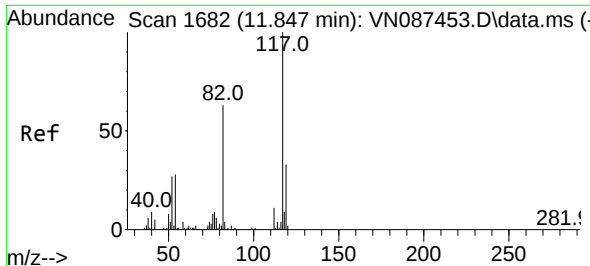


#46
Methyl methacrylate
Concen: 1.975 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN087476.D
Acq: 06 Aug 2025 12:56



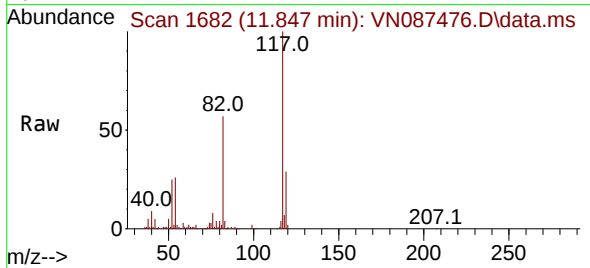
Tgt Ion: 41 Resp: 11542
Ion Ratio Lower Upper
41 100
69 75.3 37.1 111.5
39 60.2 30.7 92.1





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN087476.D
Acq: 06 Aug 2025 12:56

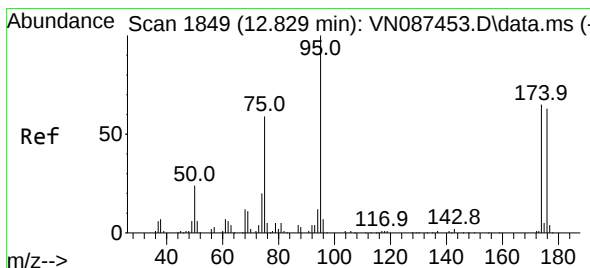
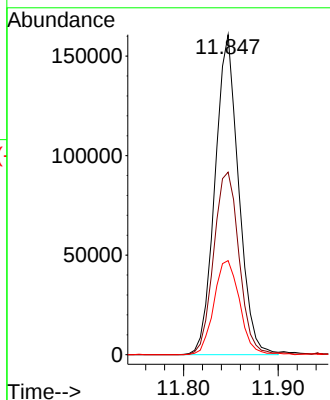
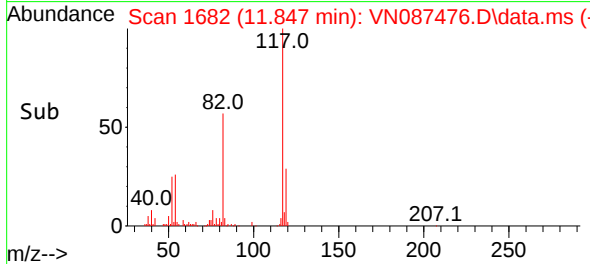
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(AUG)



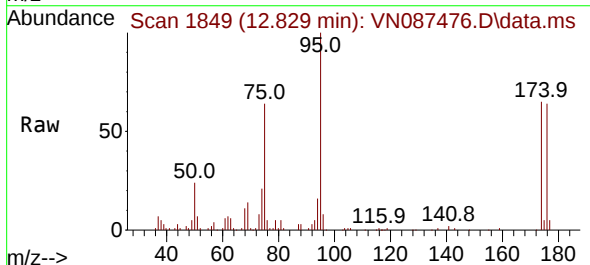
Tgt Ion: 117 Resp: 279409
Ion Ratio Lower Upper
117 100
82 61.1 49.2 73.8
119 31.7 25.7 38.5

Manual Integrations
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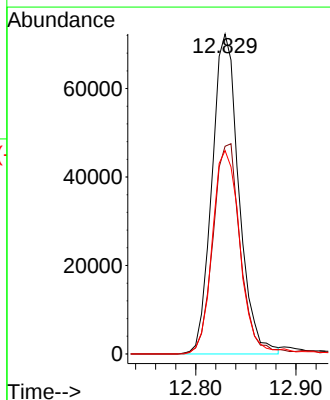
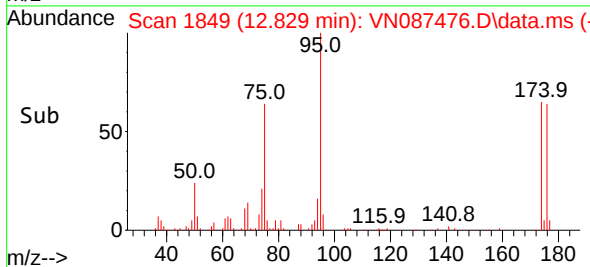
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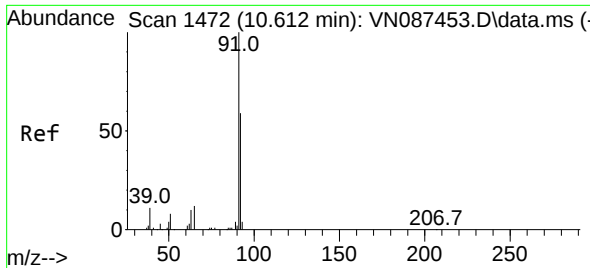


#60
4-Bromofluorobenzene
Concen: 27.990 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087476.D
Acq: 06 Aug 2025 12:56



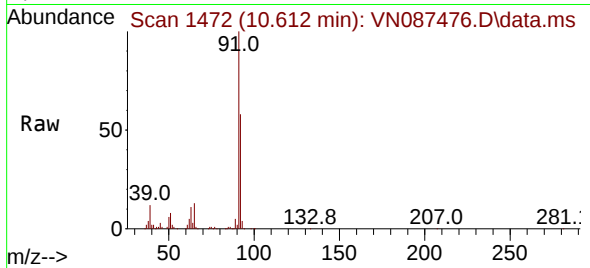
Tgt Ion: 95 Resp: 134587
Ion Ratio Lower Upper
95 100
174 66.1 52.3 78.5
176 65.0 49.8 74.8





#62
Toluene
Concen: 21.900 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087476.D
Acq: 06 Aug 2025 12:56

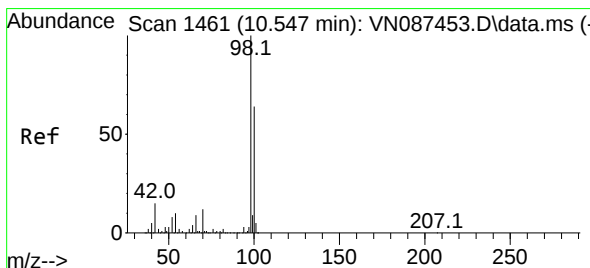
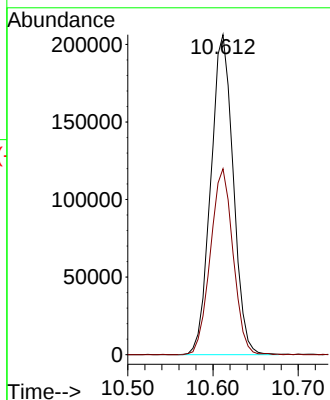
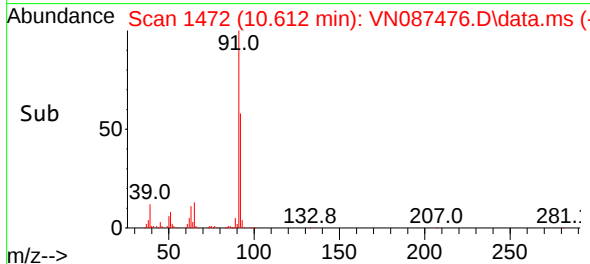
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(AUG)



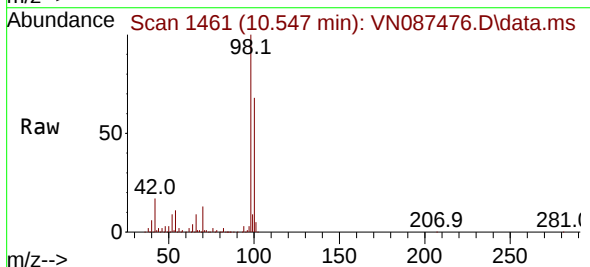
Tgt Ion: 91 Resp: 377660
Ion Ratio Lower Upper
91 100
92 58.5 45.8 68.6

Manual Integrations
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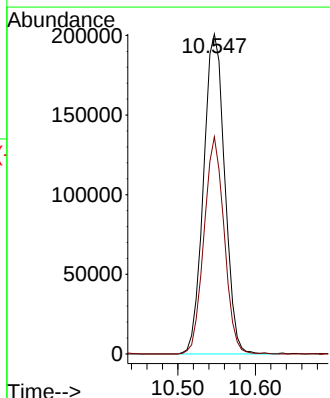
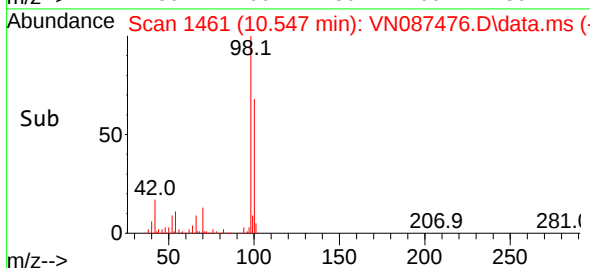
Reviewed By :John Carlone 08/07/2025
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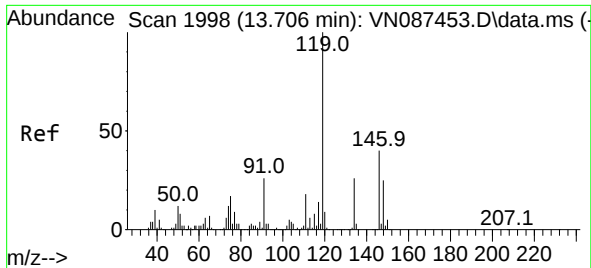


#63
Toluene-d8
Concen: 29.638 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087476.D
Acq: 06 Aug 2025 12:56



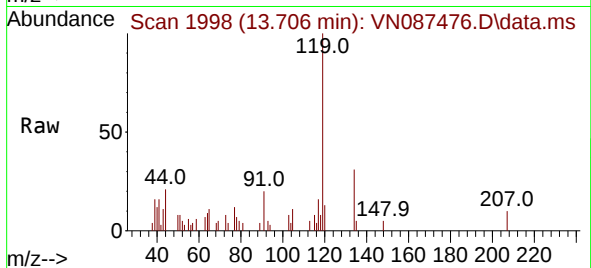
Tgt Ion: 98 Resp: 381038
Ion Ratio Lower Upper
98 100
100 64.6 50.5 75.7





#82
 p-Isopropyltoluene
 Concen: 0.496 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087476.D
 Acq: 06 Aug 2025 12:56

Instrument : MSVOA_N
 ClientSampleId : 001-WILLETS-PT-BLVD(AUG)



Tgt Ion:	119	Resp:	7634
Ion Ratio	Lower	Upper	
119	100		
134	24.1	0.0	51.4
91	25.6	0.0	52.0

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