

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073025\
 Data File : VN087445.D
 Acq On : 30 Jul 2025 15:12
 Operator : JC\MD
 Sample : Q2730-01DL 4X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Jul 31 01:15:57 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	7.800	128	45845	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	265372	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	233679	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	115591	32.972	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 109.900%			
60) 4-Bromofluorobenzene	12.829	95	106701	27.806	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 92.700%			
63) Toluene-d8	10.547	98	323951	30.187	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.633%			
Target Compounds						
15) Acetone	4.424	58	5183	12.060	ug/l	79
25) Chloroform	7.953	83	21526	4.046	ug/l	93
30) 2-Butanone	7.471	43	19857m	7.275	ug/l	
62) Toluene	10.612	91	724672	54.950	ug/l	99
82) p-Isopropyltoluene	13.711	119	16743	1.430	ug/l	98

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

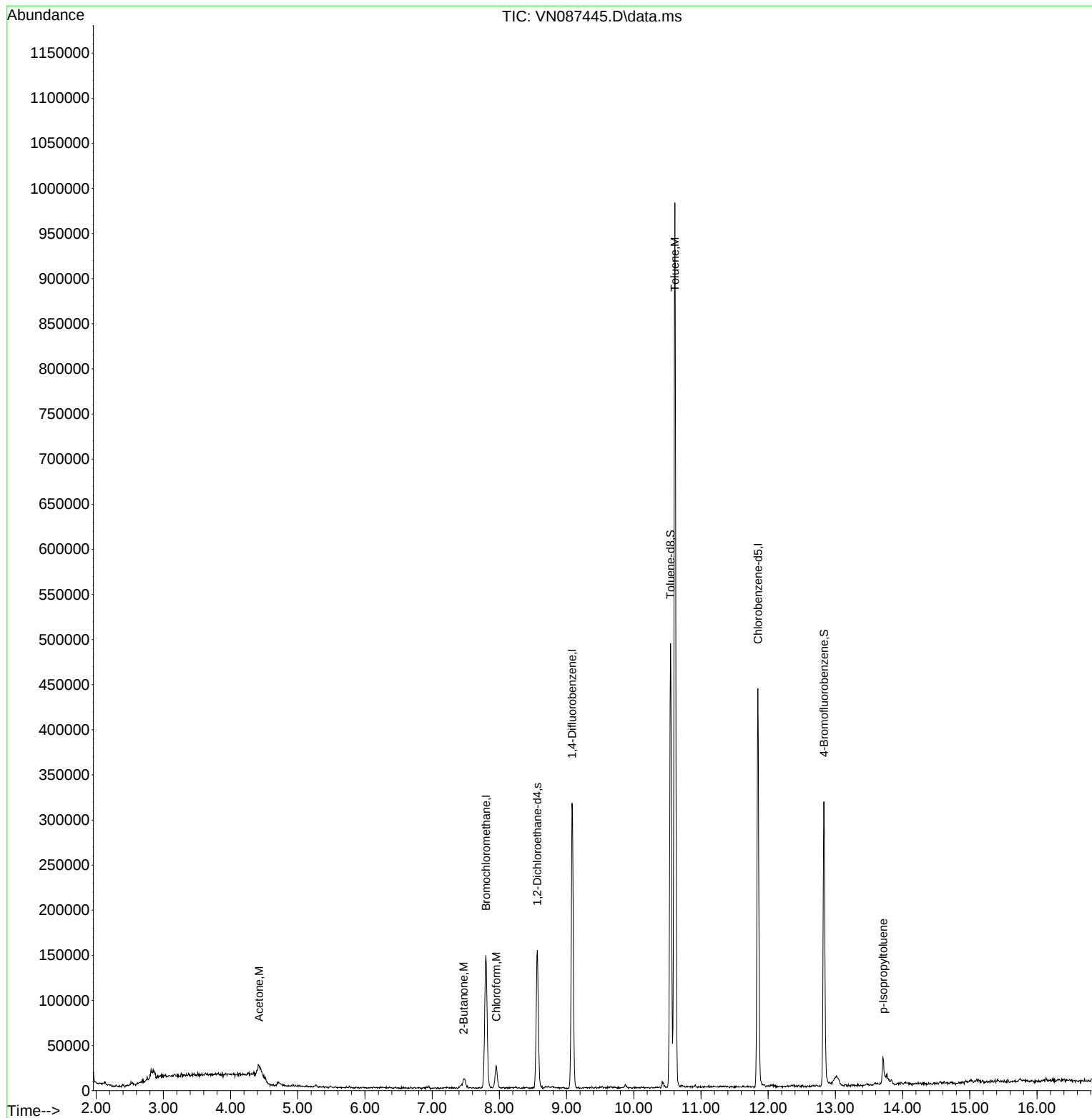
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073025\
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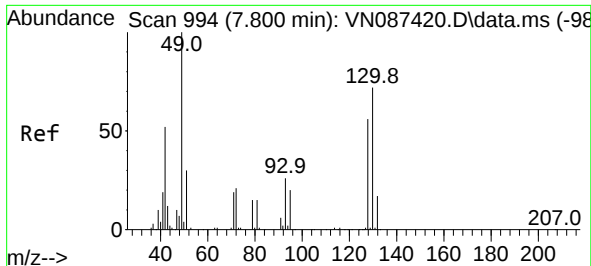
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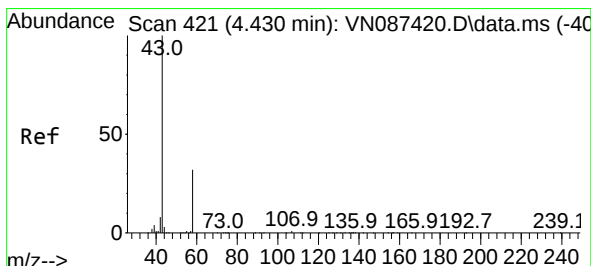
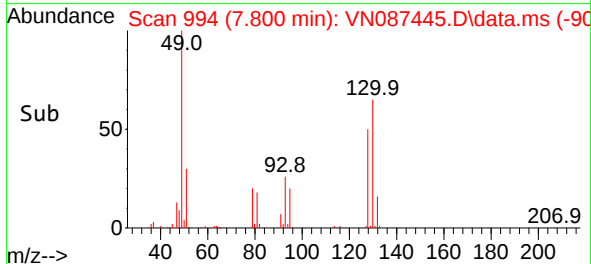
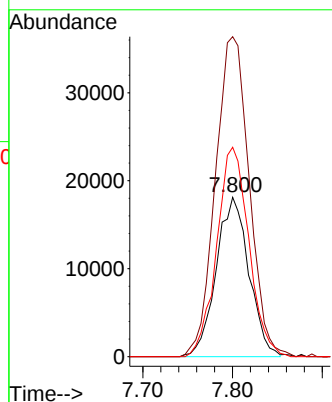
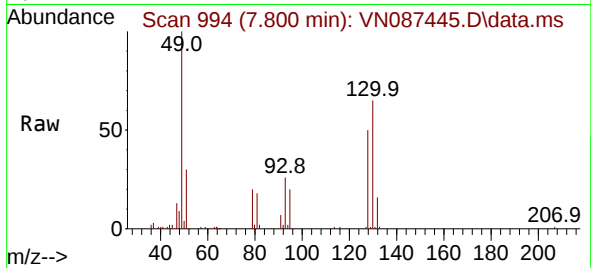
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087445.D
Acq: 30 Jul 2025 15:12

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

Tgt Ion:128 Resp: 4584
Ion Ratio Lower Upper
128 100
49 207.7 0.0 457.3
130 129.2 0.0 316.0

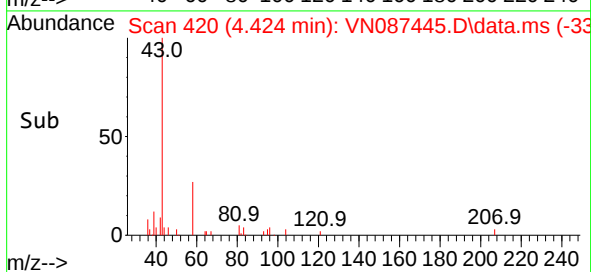
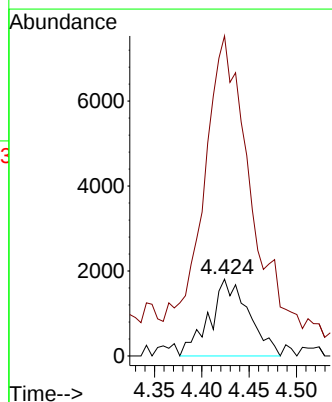
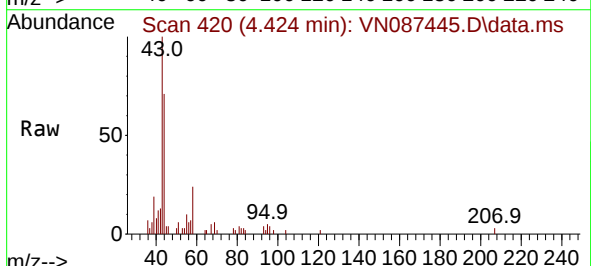
Manual Integrations
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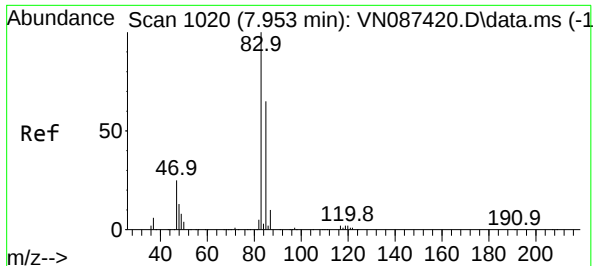
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#15
Acetone
Concen: 12.060 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN087445.D
Acq: 30 Jul 2025 15:12

Tgt Ion: 58 Resp: 5183
Ion Ratio Lower Upper
58 100
43 352.7 248.4 372.6





#25

Chloroform

Concen: 4.046 ug/l

RT: 7.953 min Scan# 1020

Delta R.T. -0.000 min

Lab File: VN087445.D

Acq: 30 Jul 2025 15:12

Instrument :

MSVOA_N

ClientSampleId :

001 willets Pt Blvd(july)DL

Tgt Ion: 83 Resp: 21520

Ion Ratio Lower Upper

83 100

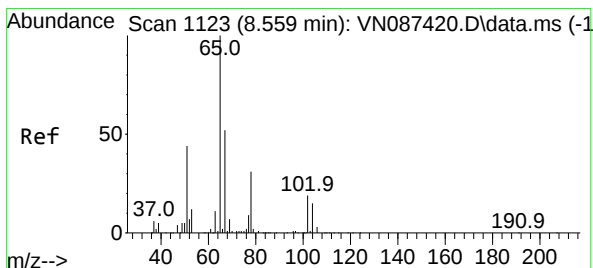
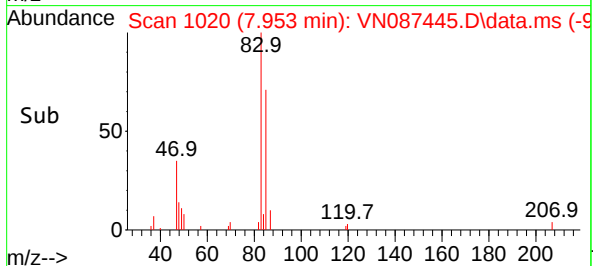
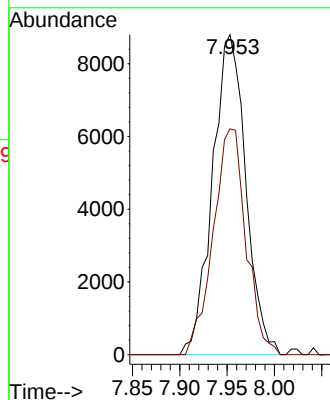
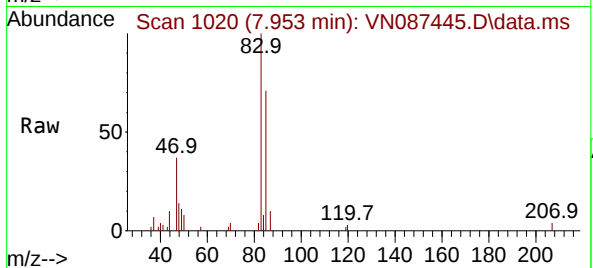
85 70.6 52.0 78.0

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#27

1,2-Dichloroethane-d4

Concen: 32.972 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.006 min

Lab File: VN087445.D

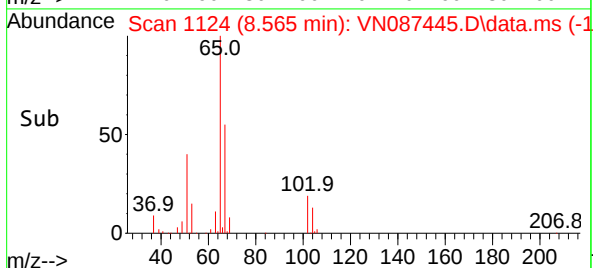
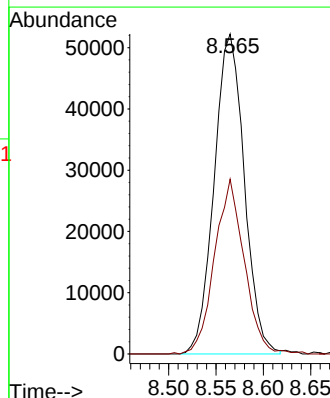
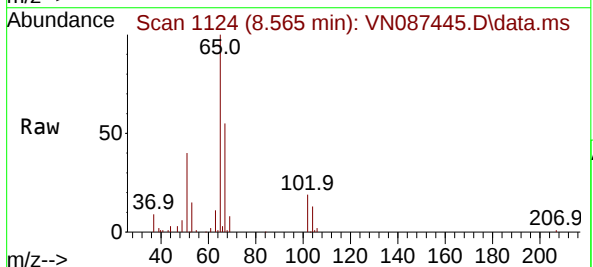
Acq: 30 Jul 2025 15:12

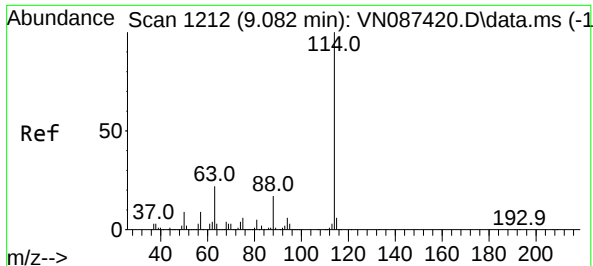
Tgt Ion: 65 Resp: 115591

Ion Ratio Lower Upper

65 100

67 53.2 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: VN087445.D

Acq: 30 Jul 2025 15:12

Instrument :

MSVOA_N

ClientSampleId :

001 willets Pt Blvd(july)DL

Tgt Ion: 114 Resp: 26537

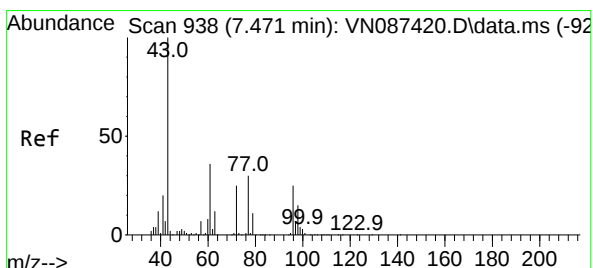
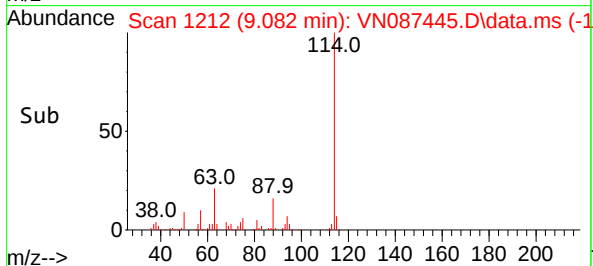
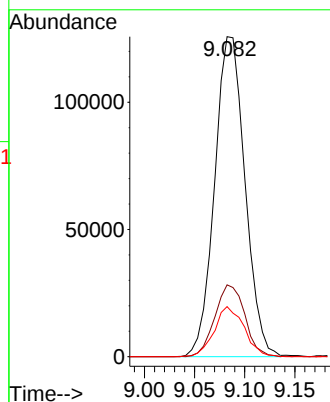
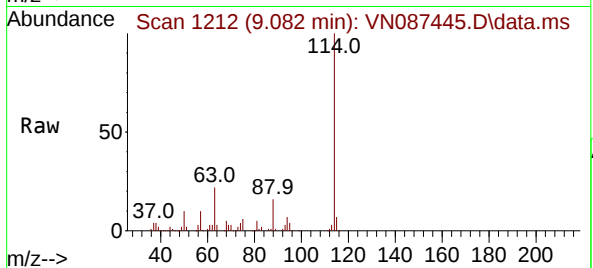
Ion	Ratio	Lower	Upper
114	100		
63	22.1	17.8	26.6
88	15.4	13.0	19.4

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#30

2-Butanone

Concen: 7.275 ug/l m

RT: 7.471 min Scan# 938

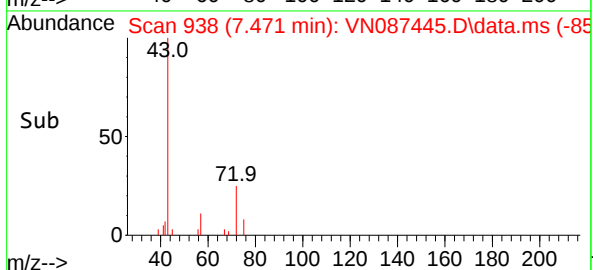
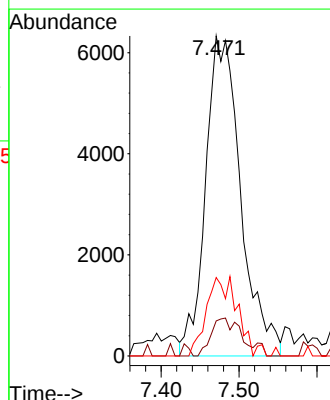
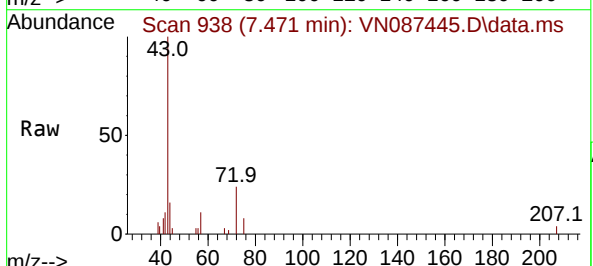
Delta R.T. -0.000 min

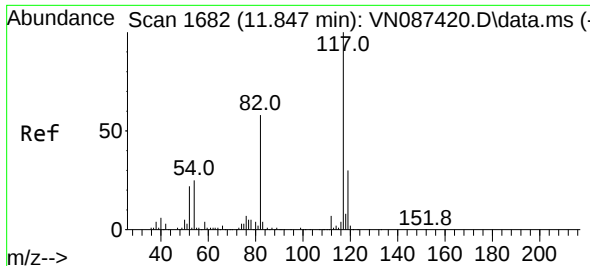
Lab File: VN087445.D

Acq: 30 Jul 2025 15:12

Tgt Ion: 43 Resp: 19857

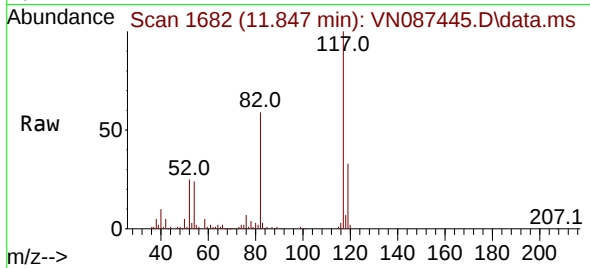
Ion	Ratio	Lower	Upper
43	100		
57	6.3	6.0	9.0
72	13.3	20.3	30.5





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087445.D
Acq: 30 Jul 2025 15:12

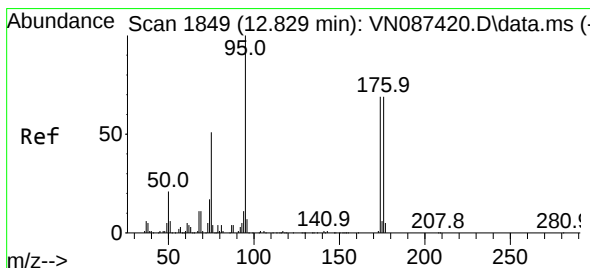
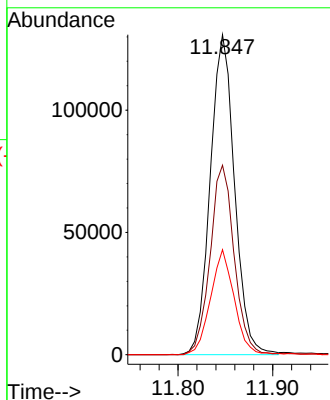
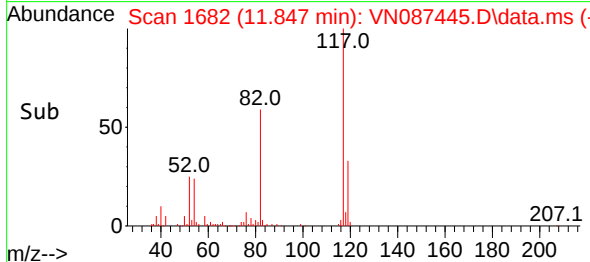
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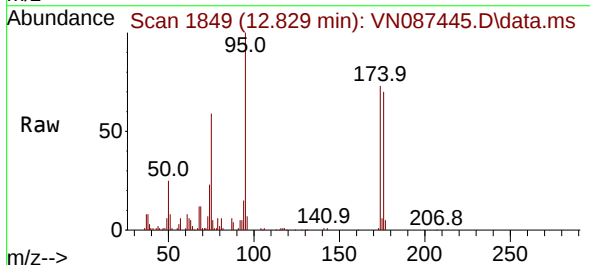
Tgt Ion:117 Resp: 233679
Ion Ratio Lower Upper
117 100
82 58.6 46.2 69.4
119 32.0 25.7 38.5

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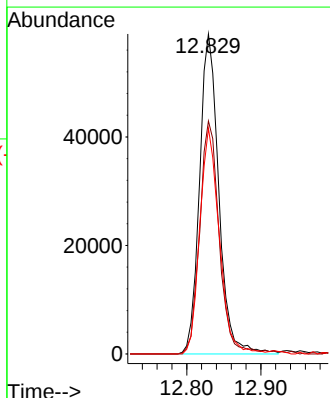
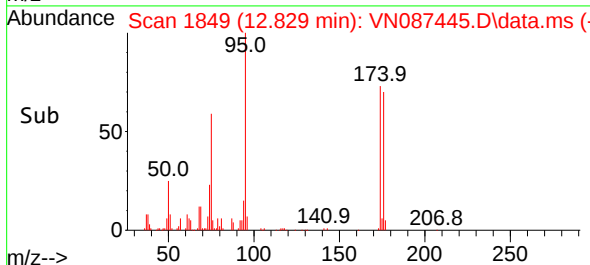
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

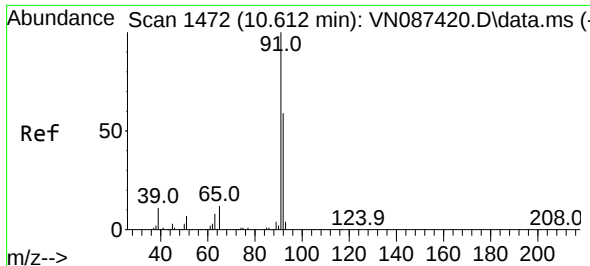


#60
4-Bromofluorobenzene
Concen: 27.806 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087445.D
Acq: 30 Jul 2025 15:12



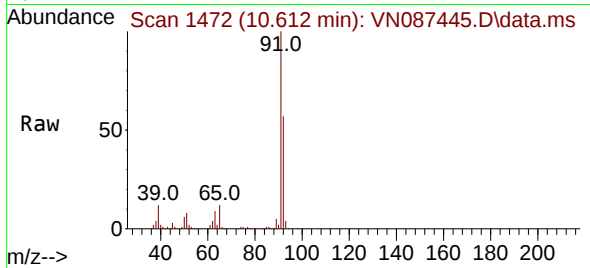
Tgt Ion: 95 Resp: 106701
Ion Ratio Lower Upper
95 100
174 73.2 57.8 86.8
176 71.0 54.9 82.3





#62
Toluene
Concen: 54.950 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087445.D
Acq: 30 Jul 2025 15:12

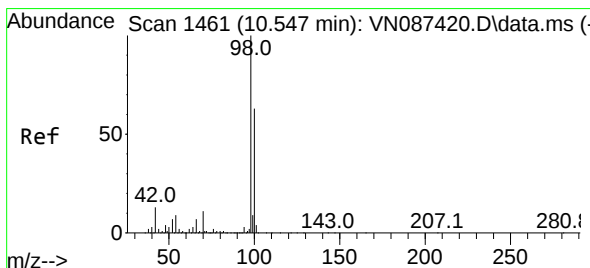
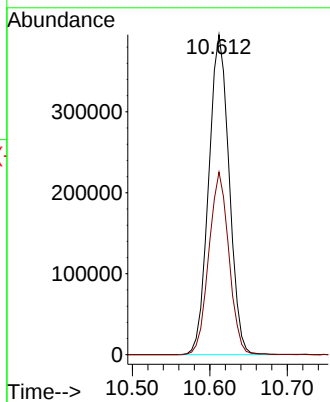
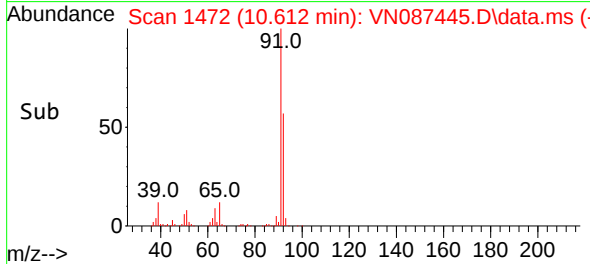
Instrument :
MSVOA_N
ClientSampleId :
001 willets Pt Blvd(july)DL



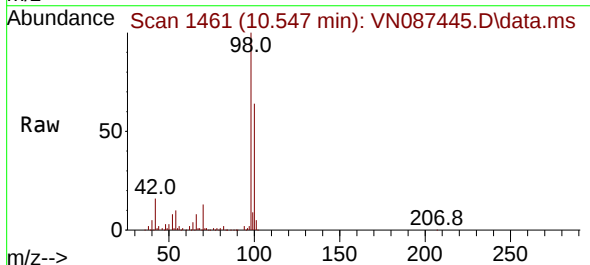
Tgt Ion: 91 Resp: 724672
Ion Ratio Lower Upper
91 100
92 56.0 45.6 68.4

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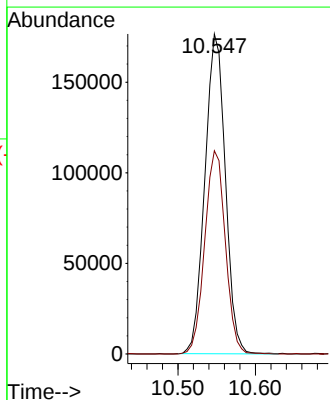
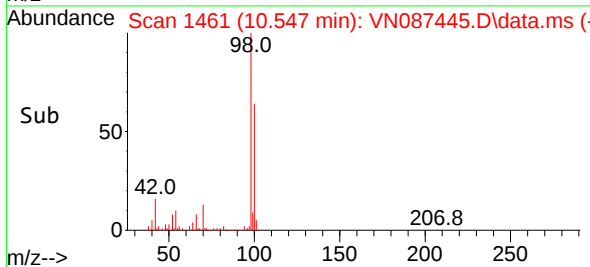
Reviewed By :John Carlone 07/31/2025
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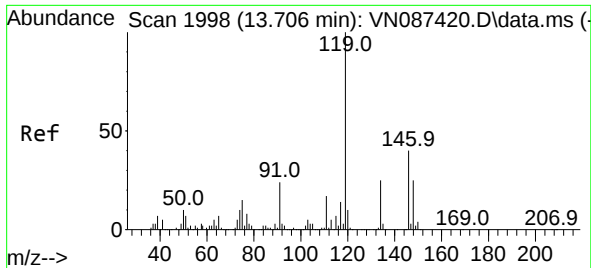


#63
Toluene-d8
Concen: 30.187 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087445.D
Acq: 30 Jul 2025 15:12



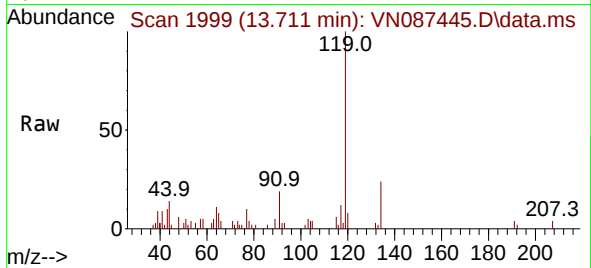
Tgt Ion: 98 Resp: 323951
Ion Ratio Lower Upper
98 100
100 64.0 50.7 76.1





#82
 p-Isopropyltoluene
 Concen: 1.430 ug/l
 RT: 13.711 min Scan# 1999
 Delta R.T. 0.006 min
 Lab File: VN087445.D
 Acq: 30 Jul 2025 15:12

Instrument :
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Tgt Ion:	119	Resp:	1674
Ion Ratio	Lower	Upper	
119	100		
134	25.1	0.0	50.8
91	25.6	0.0	47.6

Manual Integrations
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