

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073025\
 Data File : VN087446.D
 Acq On : 30 Jul 2025 15:34
 Operator : JC\MD
 Sample : Q2730-02DL 4X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 002 35th Ave(july)DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 31 01:16:19 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	44916	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.088	114	244671	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	222532	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	109845	31.981	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 106.600%			
60) 4-Bromofluorobenzene	12.829	95	100910	27.614	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 92.033%			
63) Toluene-d8	10.547	98	311506	30.481	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.600%			
Target Compounds						
					Qvalue	
15) Acetone	4.430	58	5982m	14.207	ug/l	
25) Chloroform	7.953	83	21078	4.044	ug/l	86
30) 2-Butanone	7.482	43	18039	7.168	ug/l #	90
58) 4-Methyl-2-Pentanone	10.435	43	5761m	1.149	ug/l	
62) Toluene	10.612	91	661108	52.641	ug/l	100
82) p-Isopropyltoluene	13.706	119	14983	1.344	ug/l	95

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

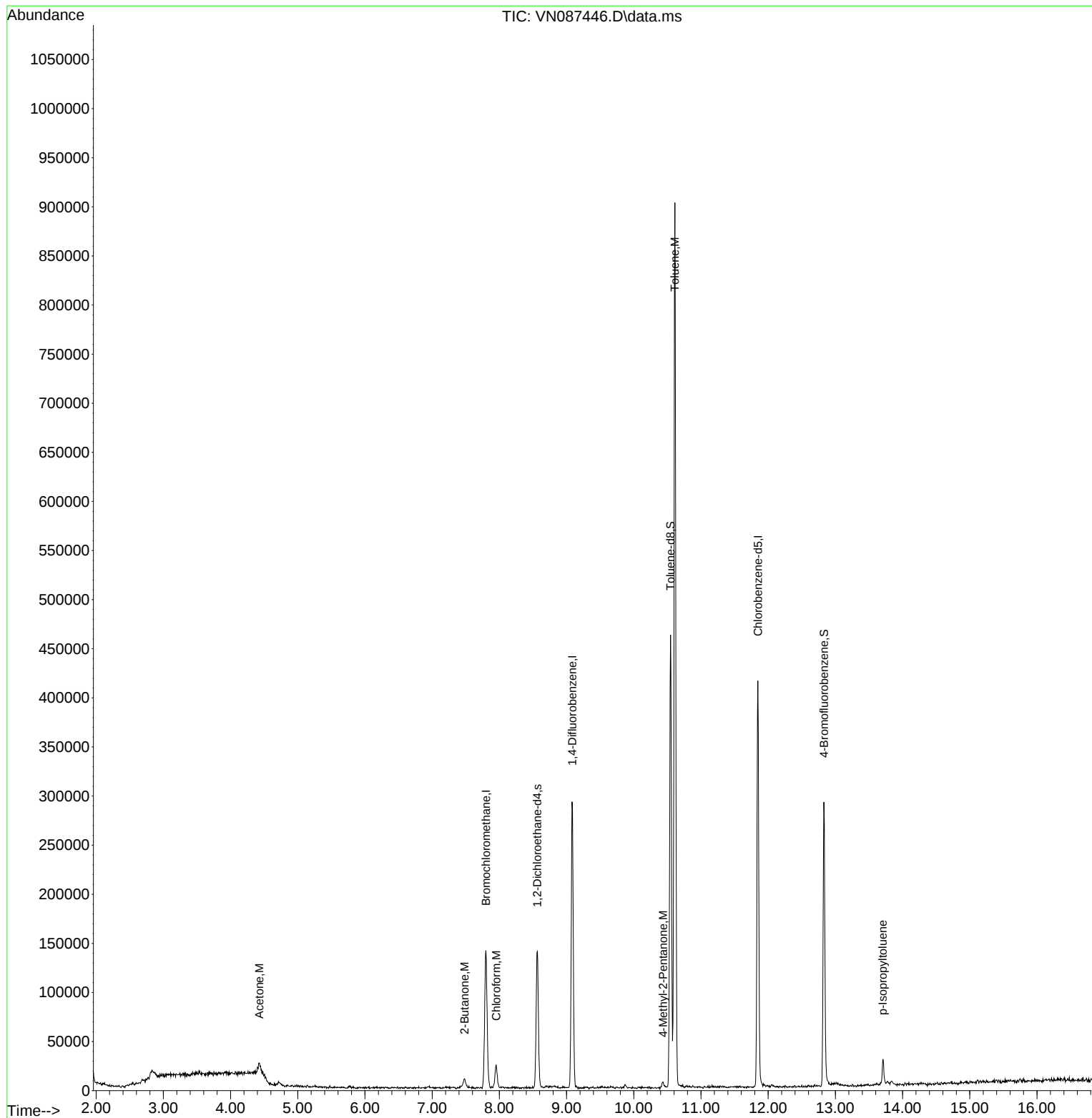
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073025\
Data File : VN087446.D
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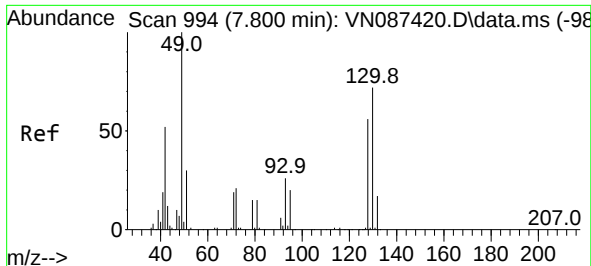
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(july)DL

Quant Time: Jul 31 01:16:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
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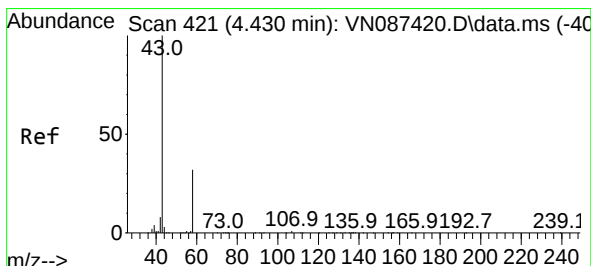
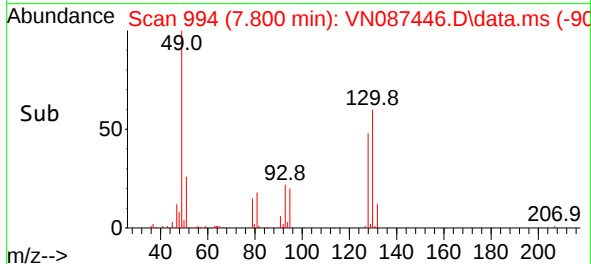
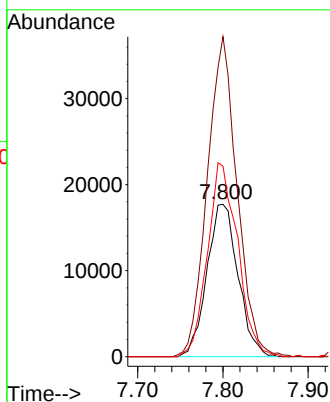
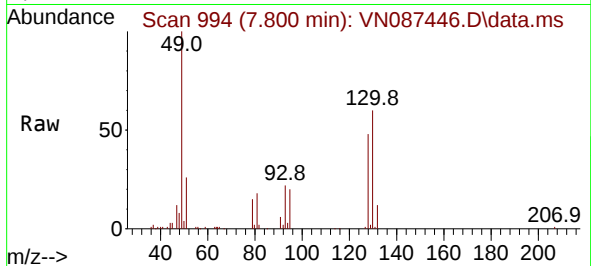
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087446.D
Acq: 30 Jul 2025 15:34

Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(july)DL

Tgt Ion:128 Resp: 44910
Ion Ratio Lower Upper
128 100
49 201.1 0.0 457.3
130 123.8 0.0 316.0

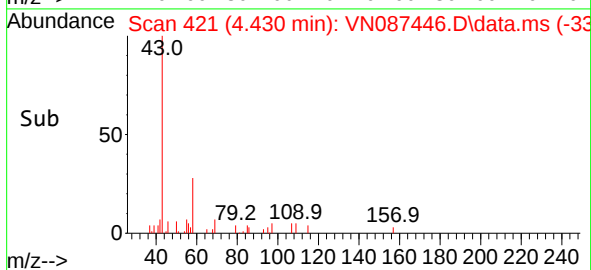
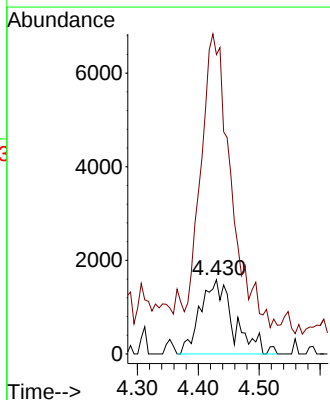
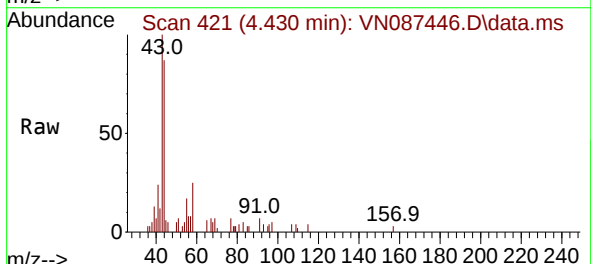
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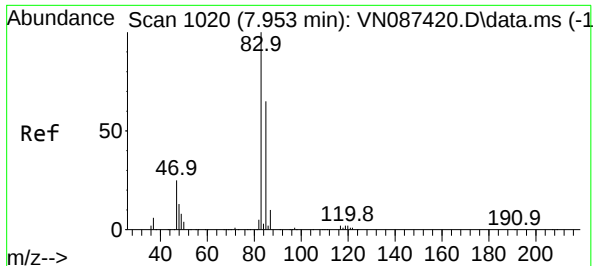
Reviewed By :John Carlone 07/31/2025
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#15
Acetone
Concen: 14.207 ug/l m
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN087446.D
Acq: 30 Jul 2025 15:34

Tgt Ion: 58 Resp: 5982
Ion Ratio Lower Upper
58 100
43 402.8 248.4 372.6#





#25

Chloroform

Concen: 4.044 ug/l

RT: 7.953 min Scan# 1020

Delta R.T. -0.000 min

Lab File: VN087446.D

Acq: 30 Jul 2025 15:34

Instrument :

MSVOA_N

ClientSampleId :

002 35th Ave(july)DL

Tgt Ion: 83 Resp: 21078

Ion Ratio Lower Upper

83 100

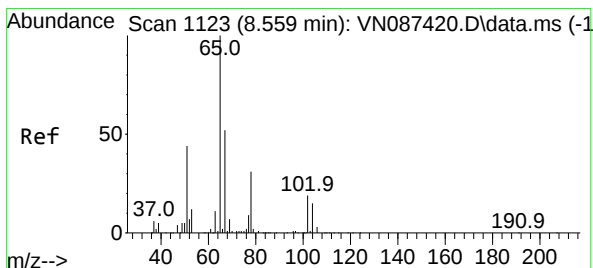
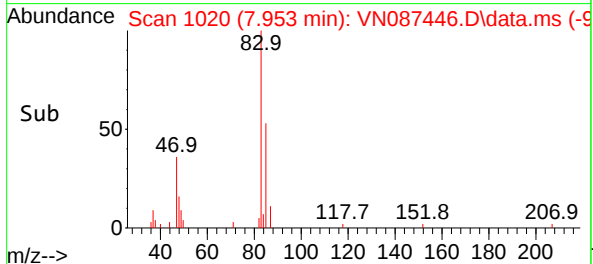
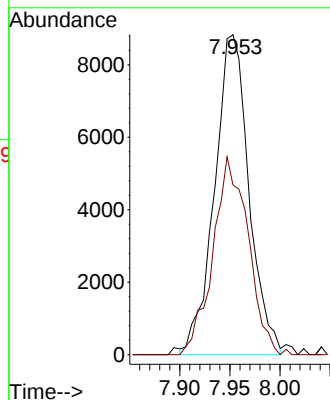
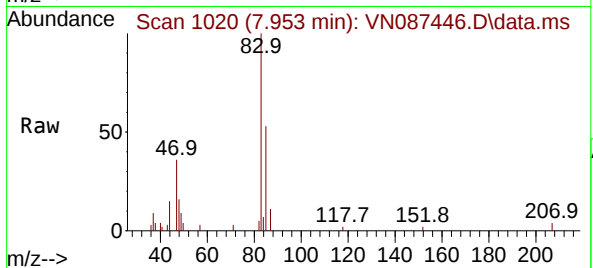
85 54.0 52.0 78.0

Manual Integrations

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#27

1,2-Dichloroethane-d4

Concen: 31.981 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.006 min

Lab File: VN087446.D

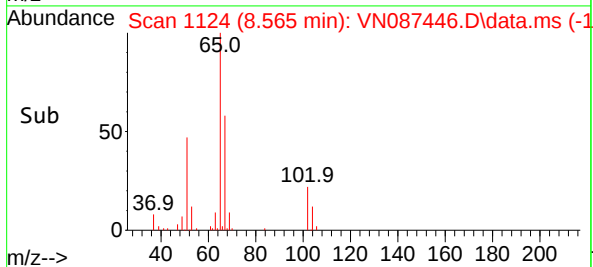
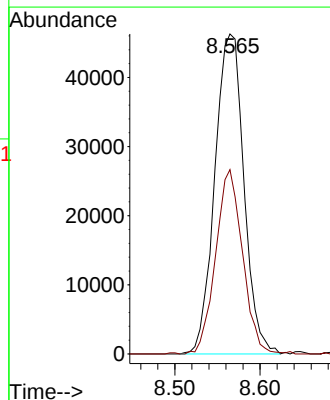
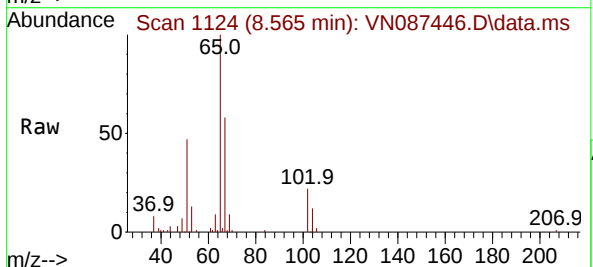
Acq: 30 Jul 2025 15:34

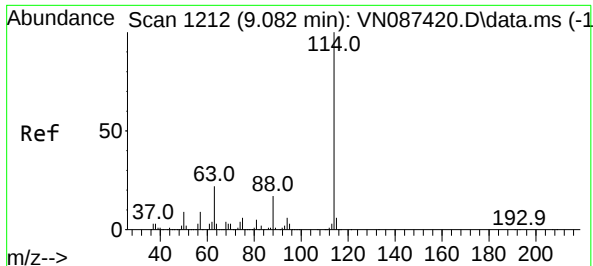
Tgt Ion: 65 Resp: 109845

Ion Ratio Lower Upper

65 100

67 53.2 42.3 63.5





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.088 min Scan# 114

Delta R.T. 0.006 min

Lab File: VN087446.D

Acq: 30 Jul 2025 15:34

Instrument :

MSVOA_N

ClientSampleId :

002 35th Ave(july)DL

Tgt Ion: 114 Resp: 24467

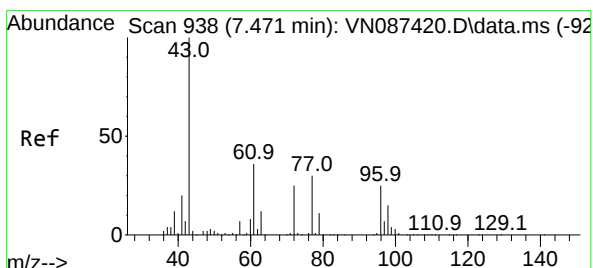
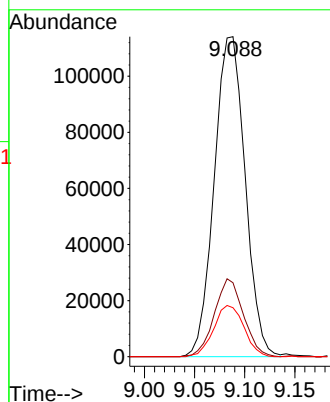
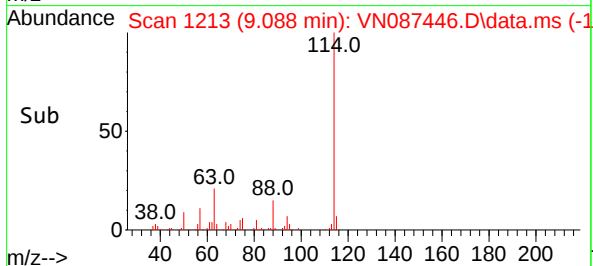
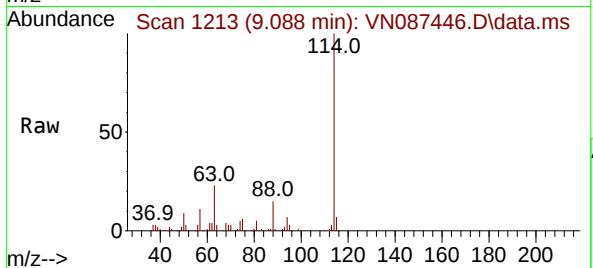
Ion	Ratio	Lower	Upper
114	100		
63	22.9	17.8	26.6
88	15.7	13.0	19.4

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#30

2-Butanone

Concen: 7.168 ug/l

RT: 7.482 min Scan# 940

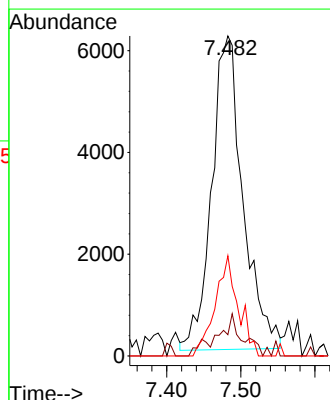
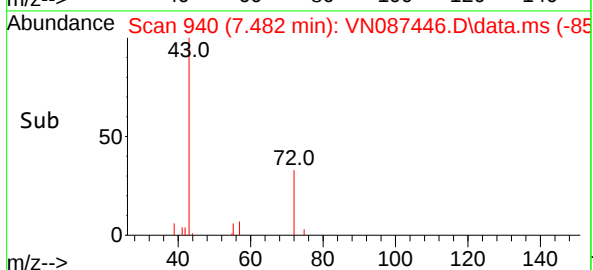
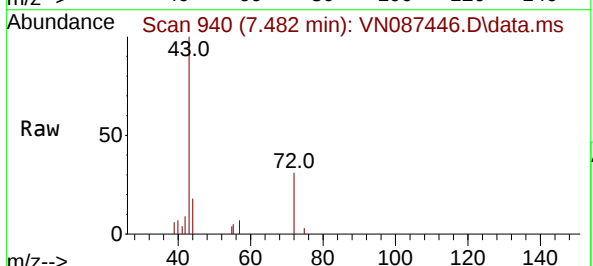
Delta R.T. 0.012 min

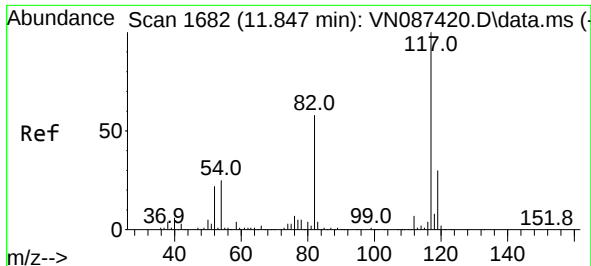
Lab File: VN087446.D

Acq: 30 Jul 2025 15:34

Tgt Ion: 43 Resp: 18039

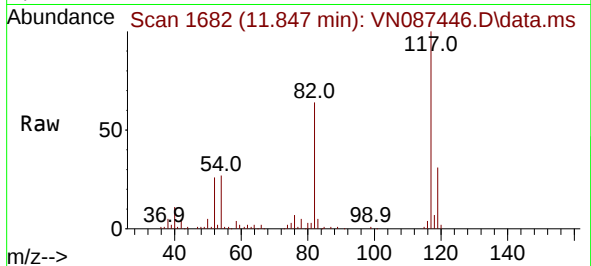
Ion	Ratio	Lower	Upper
43	100		
57	3.6	6.0	9.0#
72	20.7	20.3	30.5





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087446.D
Acq: 30 Jul 2025 15:34

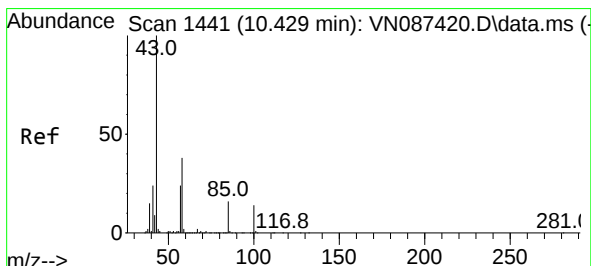
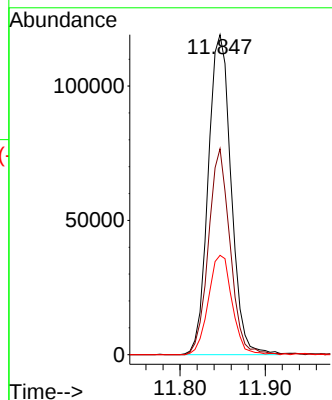
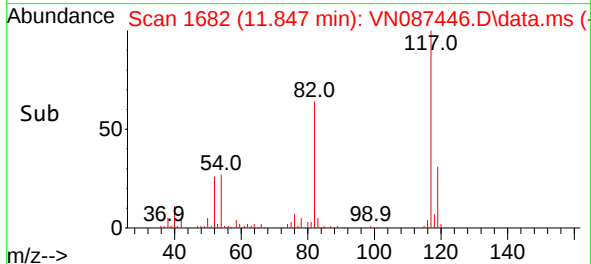
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(july)DL



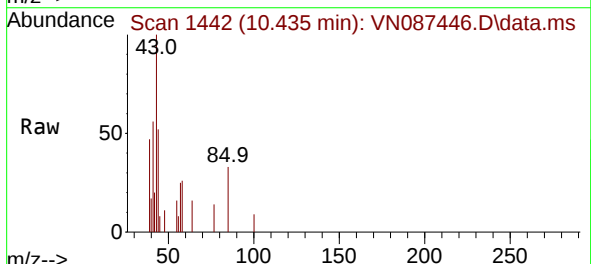
Tgt Ion:117 Resp: 22253
Ion Ratio Lower Upper
117 100
82 60.9 46.2 69.4
119 32.1 25.7 38.5

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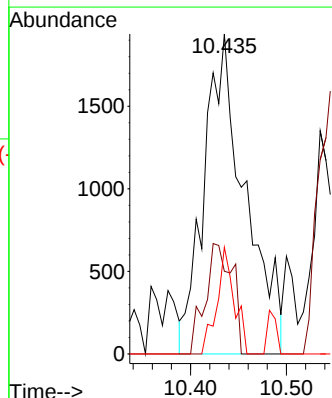
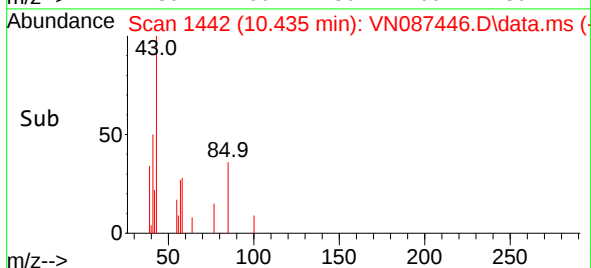
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

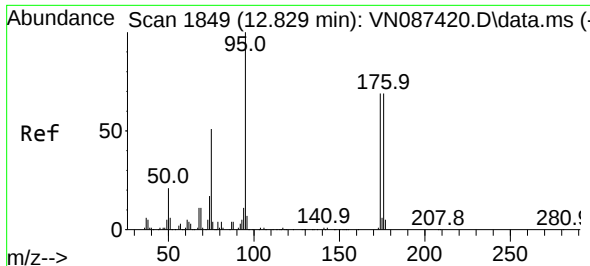


#58
4-Methyl-2-Pentanone
Concen: 1.149 ug/l m
RT: 10.435 min Scan# 1442
Delta R.T. 0.006 min
Lab File: VN087446.D
Acq: 30 Jul 2025 15:34



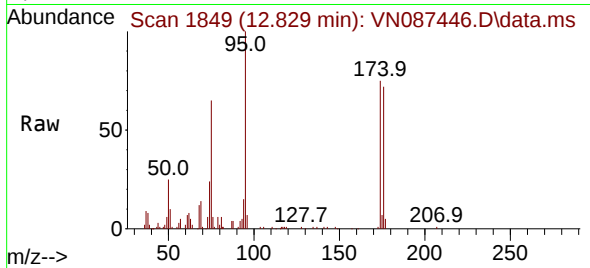
Tgt Ion: 43 Resp: 5761
Ion Ratio Lower Upper
43 100
58 16.2 29.9 44.9#
85 0.0 12.8 19.2#





#60
4-Bromofluorobenzene
Concen: 27.614 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087446.D
Acq: 30 Jul 2025 15:34

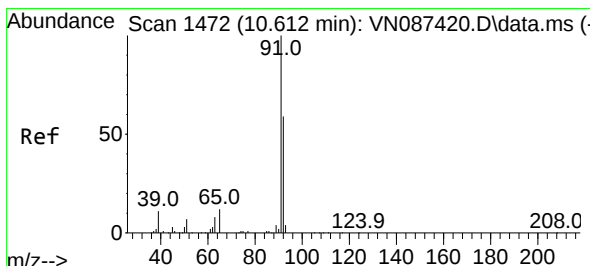
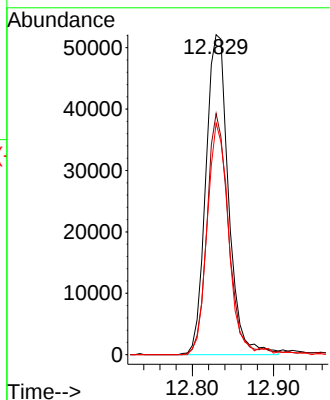
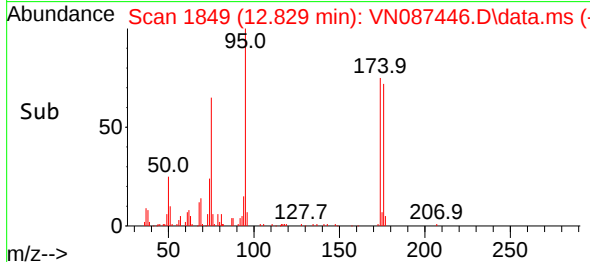
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(july)DL



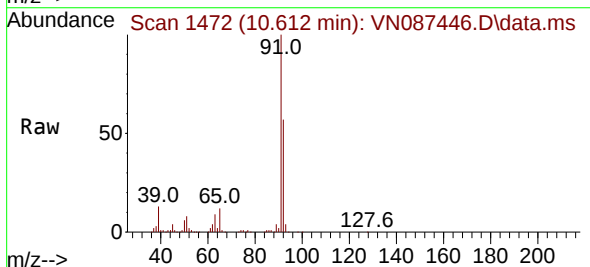
Tgt Ion: 95 Resp: 100910
Ion Ratio Lower Upper
95 100
174 70.6 57.8 86.8
176 67.8 54.9 82.3

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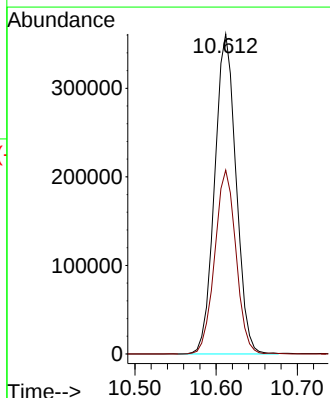
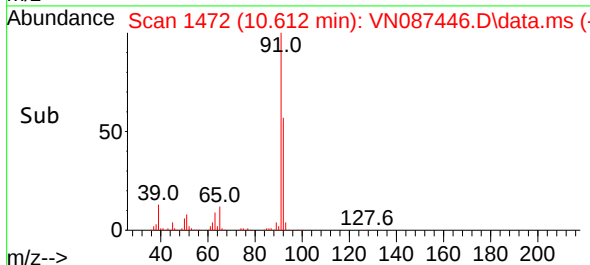
Reviewed By :John Carlone 07/31/2025
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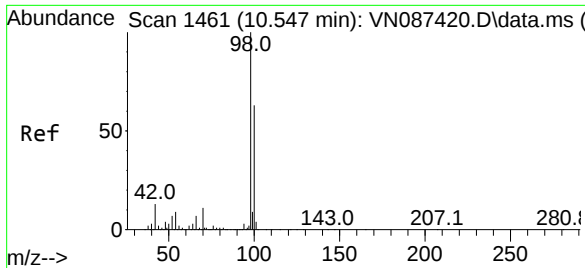


#62
Toluene
Concen: 52.641 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087446.D
Acq: 30 Jul 2025 15:34



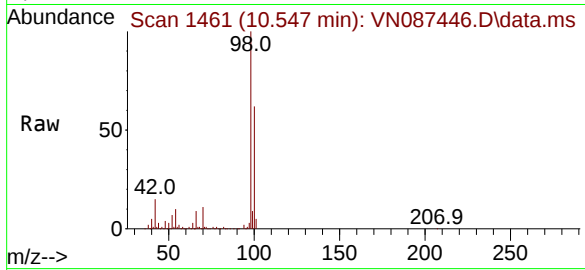
Tgt Ion: 91 Resp: 661108
Ion Ratio Lower Upper
91 100
92 57.0 45.6 68.4





#63
Toluene-d8
Concen: 30.481 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087446.D
Acq: 30 Jul 2025 15:34

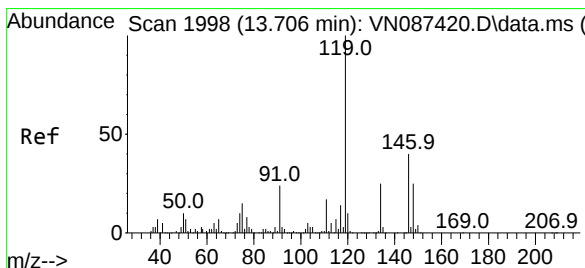
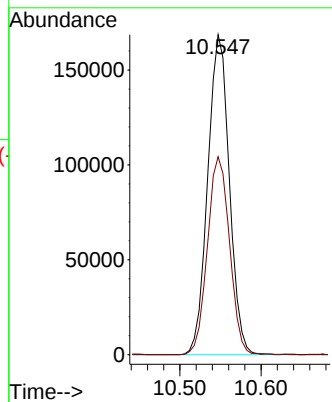
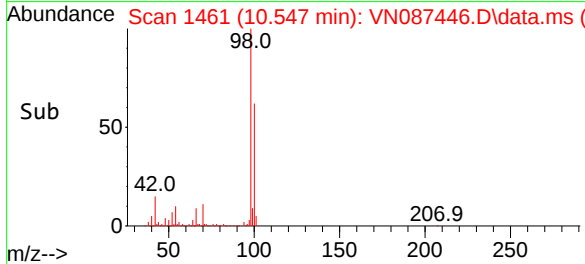
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(july)DL



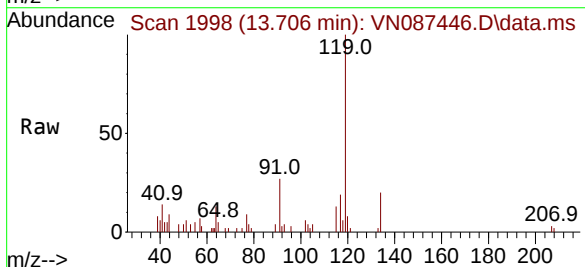
Tgt Ion: 98 Resp: 311500
Ion Ratio Lower Upper
98 100
100 63.1 50.7 76.1

Manual Integrations
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#82
p-Isopropyltoluene
Concen: 1.344 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. -0.000 min
Lab File: VN087446.D
Acq: 30 Jul 2025 15:34



Tgt Ion:119 Resp: 14983
Ion Ratio Lower Upper
119 100
134 24.1 0.0 50.8
91 28.1 0.0 47.6

