

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073025\
 Data File : VN087442.D
 Acq On : 30 Jul 2025 14:06
 Operator : JC\MD
 Sample : Q2729-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 002 35th Ave(june)

Manual Integrations
 APPROVED

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

Quant Time: Jul 31 01:14:45 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	47253	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	267749	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	235727	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	116776	32.318	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 107.733%			
60) 4-Bromofluorobenzene	12.829	95	107671	27.815	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 92.733%			
63) Toluene-d8	10.547	98	333787	30.833	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.767%			
Target Compounds						
15) Acetone	4.424	58	8579	19.367	ug/l	Qvalue 90
25) Chloroform	7.947	83	148590	27.097	ug/l	94
30) 2-Butanone	7.477	43	27959	10.153	ug/l #	93
41) Bromodichloromethane	9.871	83	14552	3.257	ug/l	90
58) 4-Methyl-2-Pentanone	10.435	43	9450m	1.780	ug/l	
62) Toluene	10.612	91	946991	71.184	ug/l	98
82) p-Isopropyltoluene	13.706	119	20629	1.747	ug/l	96

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

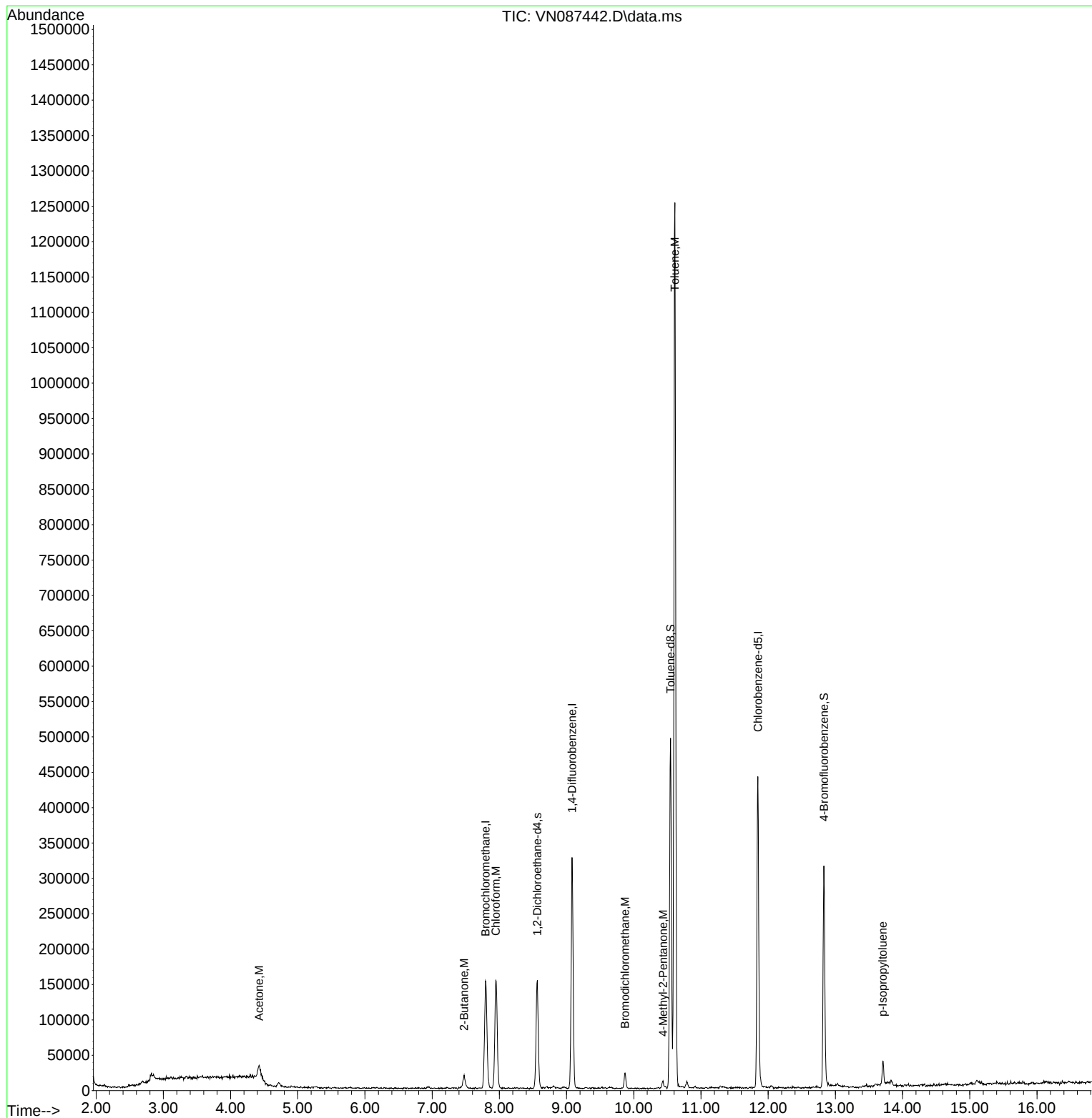
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073025\
Data File : VN087442.D
Acq On : 30 Jul 2025 14:06
Operator : JC\MD
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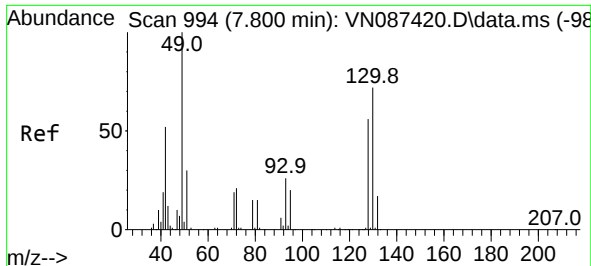
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(june)

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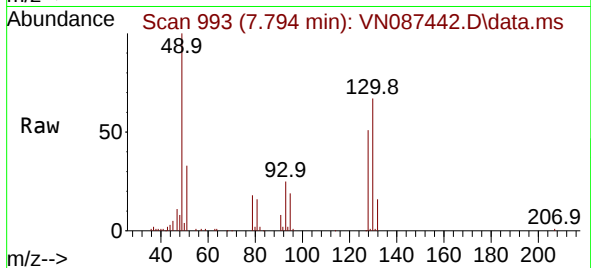
Quant Time: Jul 31 01:14:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:35:47 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 994
Delta R.T. -0.006 min
Lab File: VN087442.D
Acq: 30 Jul 2025 14:06

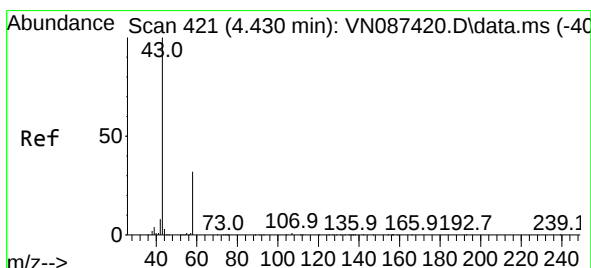
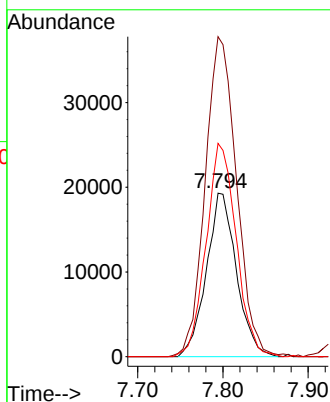
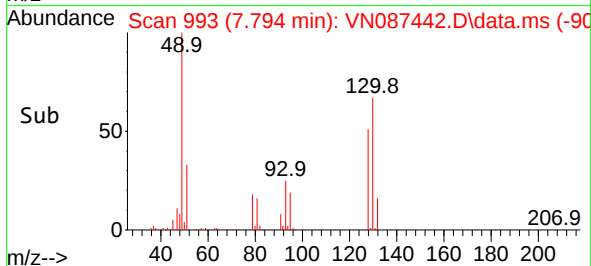
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(june)



Tgt Ion:128 Resp: 4725
Ion Ratio Lower Upper
128 100
49 204.2 0.0 457.3
130 131.2 0.0 316.0

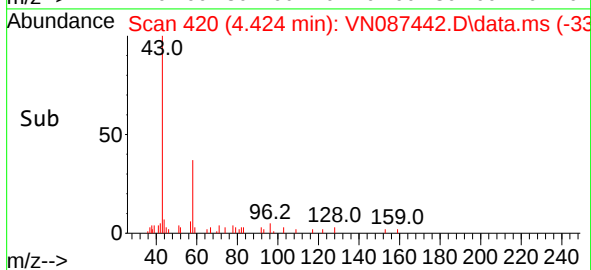
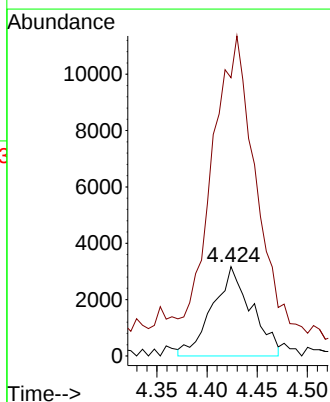
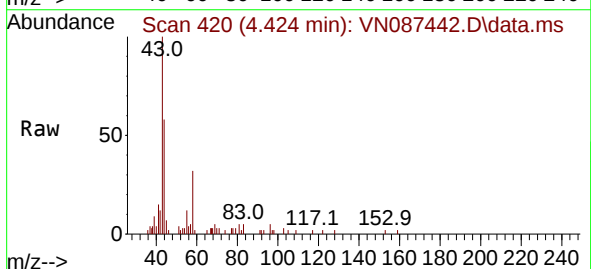
Manual Integrations
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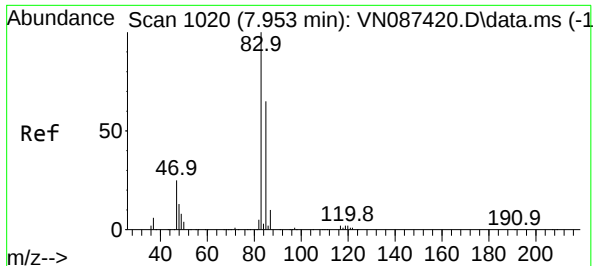
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#15
Acetone
Concen: 19.367 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN087442.D
Acq: 30 Jul 2025 14:06

Tgt Ion: 58 Resp: 8579
Ion Ratio Lower Upper
58 100
43 291.0 248.4 372.6





#25

Chloroform

Concen: 27.097 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VN087442.D

Acq: 30 Jul 2025 14:06

Instrument :

MSVOA_N

ClientSampleId :

002 35th Ave(june)

Tgt Ion: 83 Resp: 148590

Ion Ratio Lower Upper

83 100

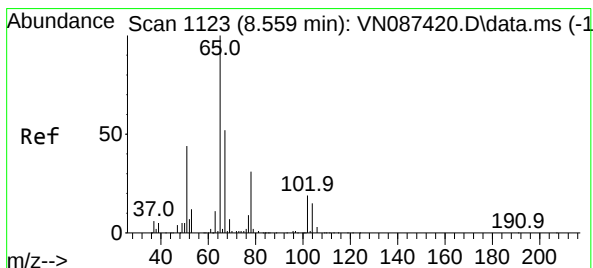
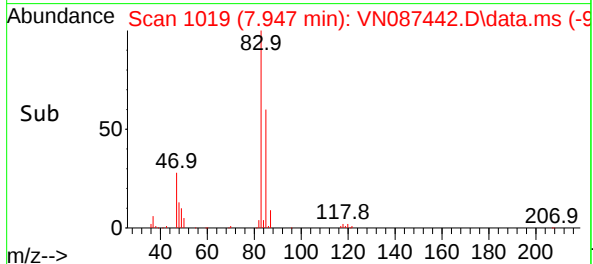
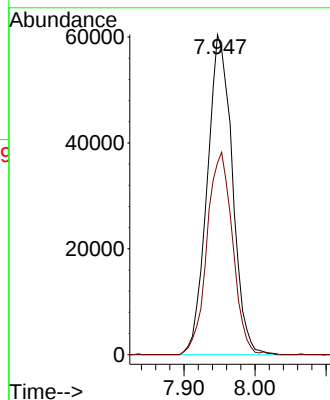
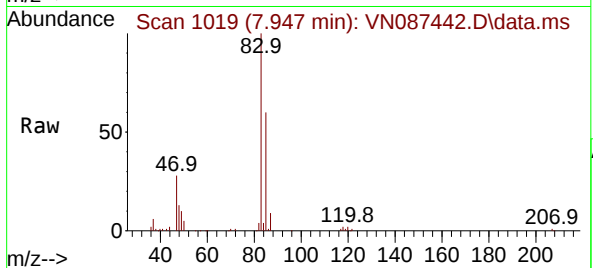
85 60.0 52.0 78.0

Manual Integrations

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#27

1,2-Dichloroethane-d4

Concen: 32.318 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.006 min

Lab File: VN087442.D

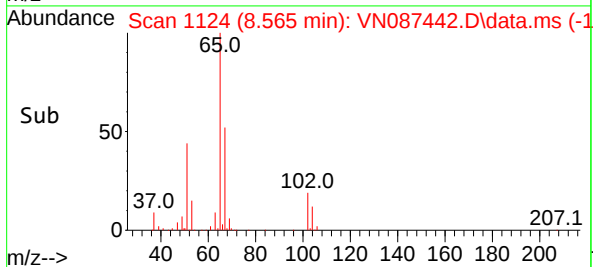
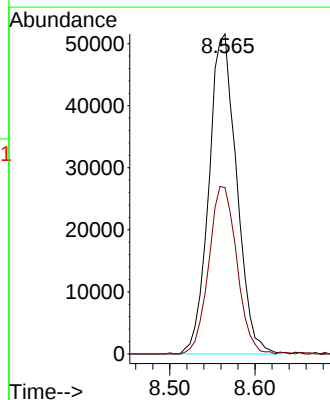
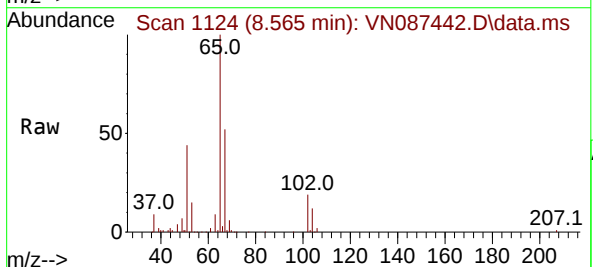
Acq: 30 Jul 2025 14:06

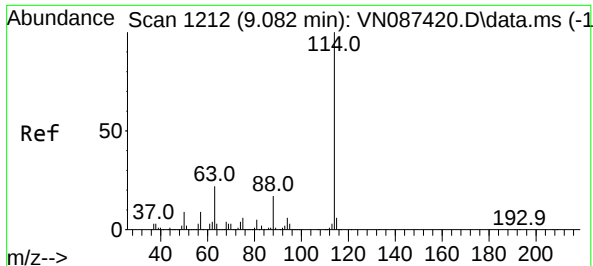
Tgt Ion: 65 Resp: 116776

Ion Ratio Lower Upper

65 100

67 52.6 42.3 63.5





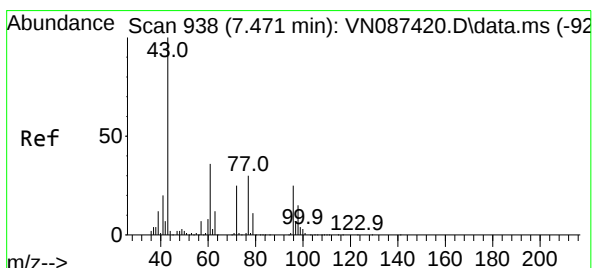
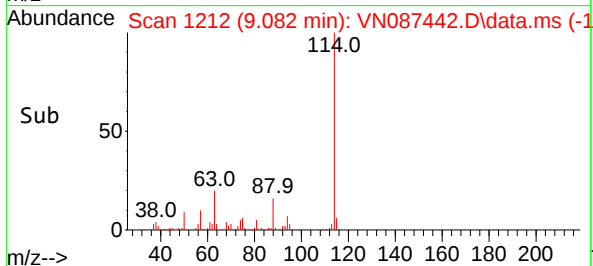
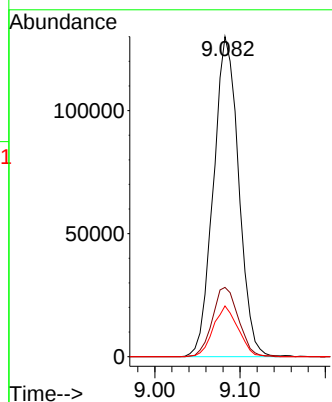
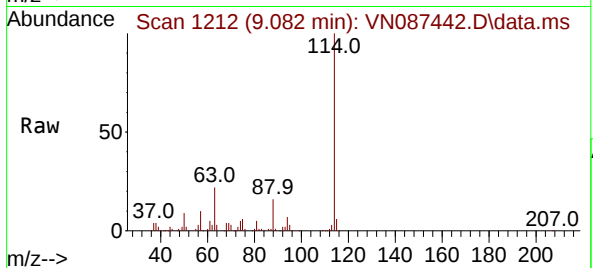
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 114
Delta R.T. -0.000 min
Lab File: VN087442.D
Acq: 30 Jul 2025 14:06

Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(june)

Tgt Ion:114 Resp: 267749
Ion Ratio Lower Upper
114 100
63 22.3 17.8 26.6
88 15.6 13.0 19.4

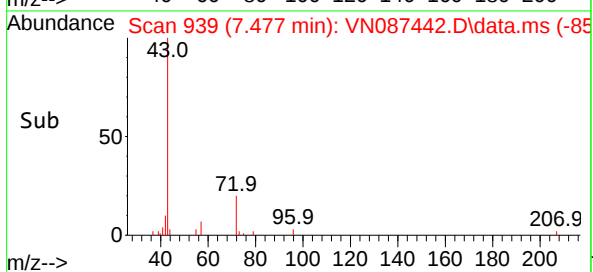
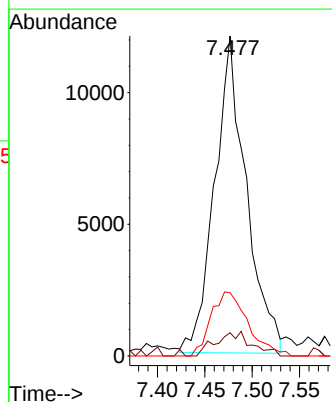
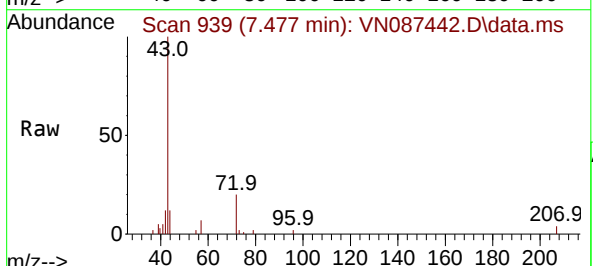
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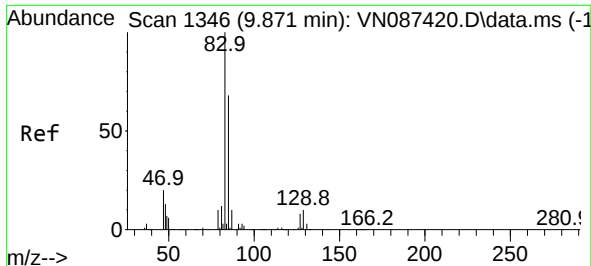
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#30
2-Butanone
Concen: 10.153 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN087442.D
Acq: 30 Jul 2025 14:06

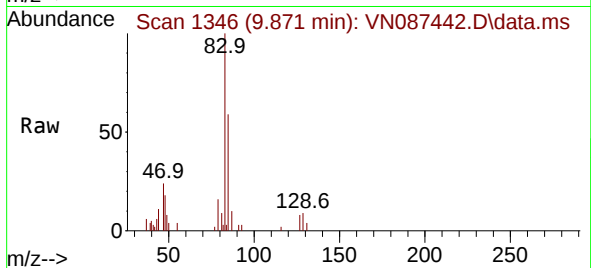
Tgt Ion: 43 Resp: 27959
Ion Ratio Lower Upper
43 100
57 1.7 6.0 9.0#
72 23.6 20.3 30.5





#41
Bromodichloromethane
Concen: 3.257 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VN087442.D
Acq: 30 Jul 2025 14:06

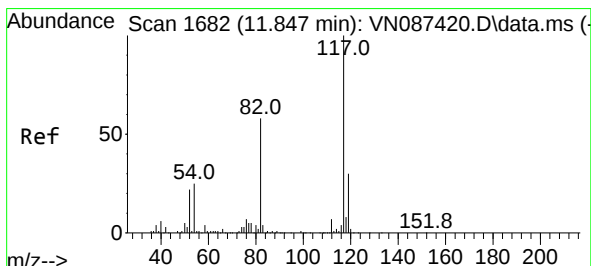
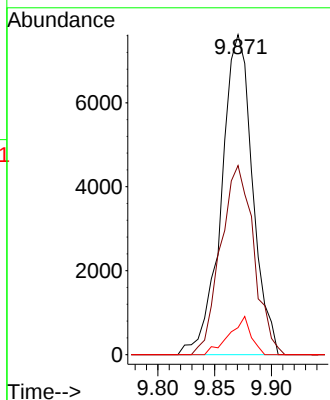
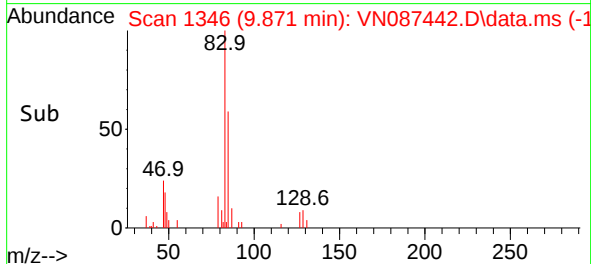
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(june)



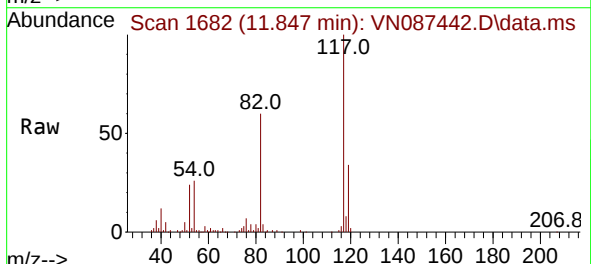
Tgt Ion: 83 Resp: 14552
Ion Ratio Lower Upper
83 100
85 59.1 54.5 81.7
127 8.4 6.6 10.0

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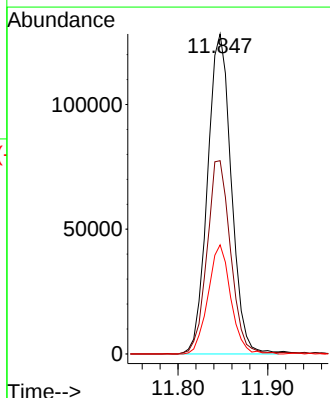
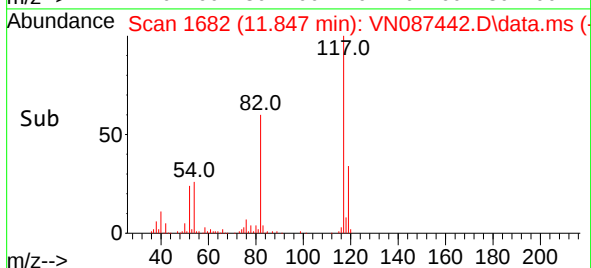
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

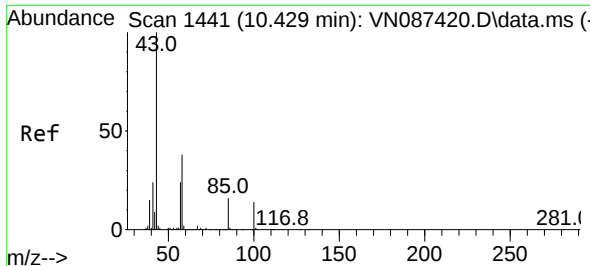


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN087442.D
Acq: 30 Jul 2025 14:06



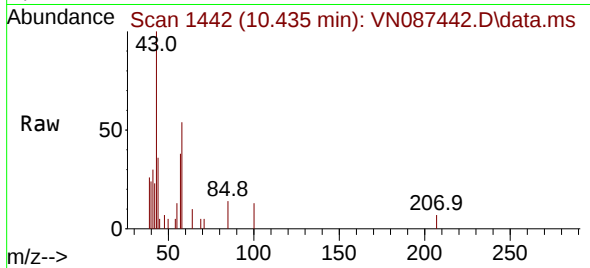
Tgt Ion:117 Resp: 235727
Ion Ratio Lower Upper
117 100
82 60.0 46.2 69.4
119 32.6 25.7 38.5





#58
4-Methyl-2-Pentanone
Concen: 1.780 ug/l m
RT: 10.435 min Scan# 1441
Delta R.T. 0.006 min
Lab File: VN087442.D
Acq: 30 Jul 2025 14:06

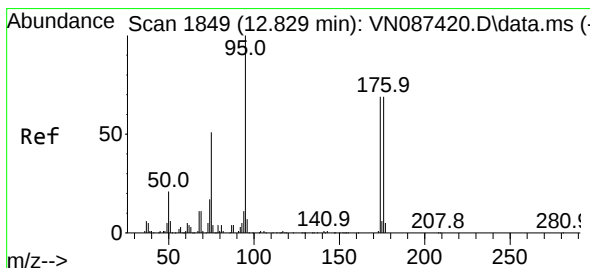
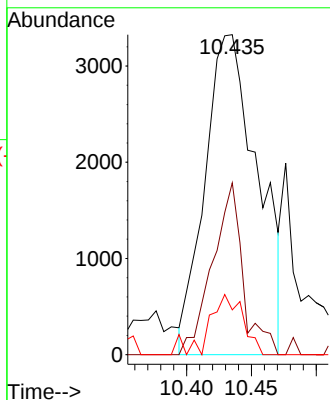
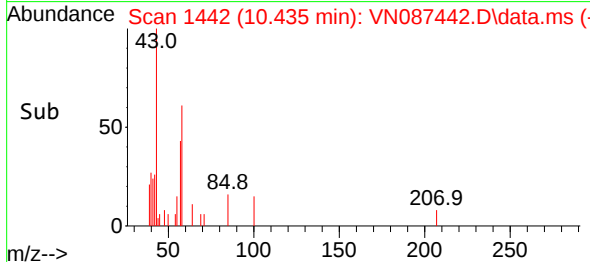
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(june)



Tgt Ion: 43 Resp: 9450
Ion Ratio Lower Upper
43 100
58 28.0 29.9 44.9
85 10.7 12.8 19.2

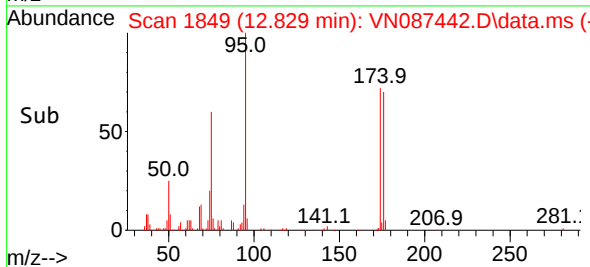
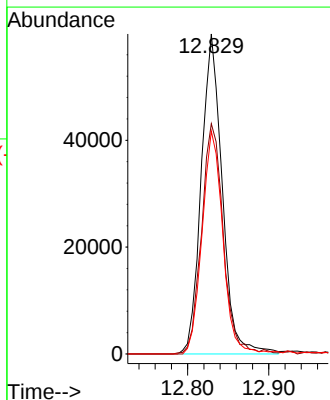
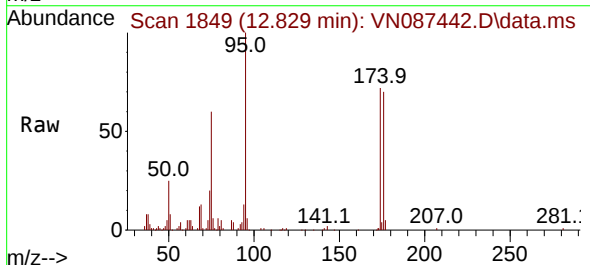
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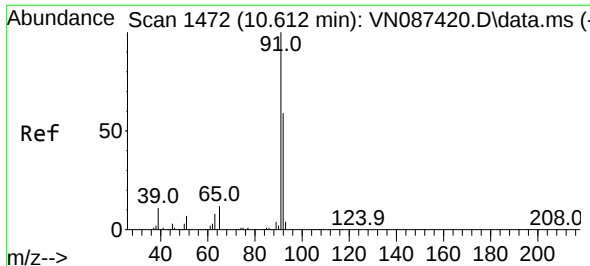
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#60
4-Bromofluorobenzene
Concen: 27.815 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087442.D
Acq: 30 Jul 2025 14:06

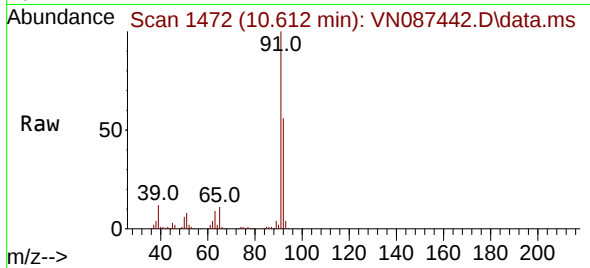
Tgt Ion: 95 Resp: 107671
Ion Ratio Lower Upper
95 100
174 73.9 57.8 86.8
176 68.8 54.9 82.3





#62
Toluene
Concen: 71.184 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087442.D
Acq: 30 Jul 2025 14:06

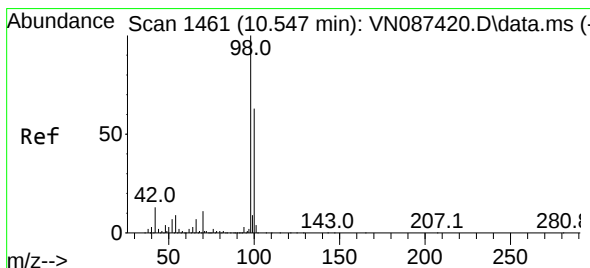
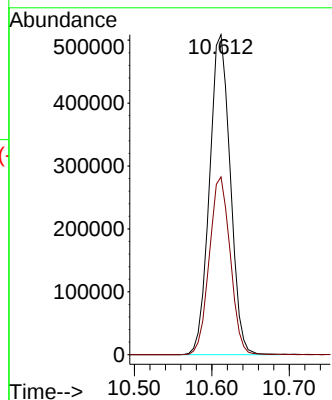
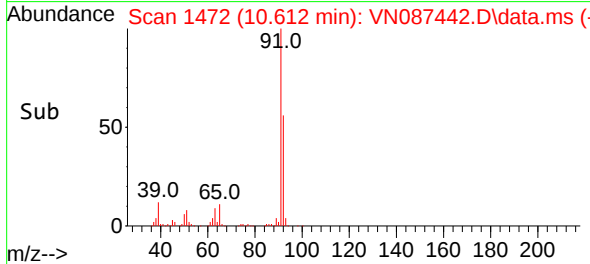
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(june)



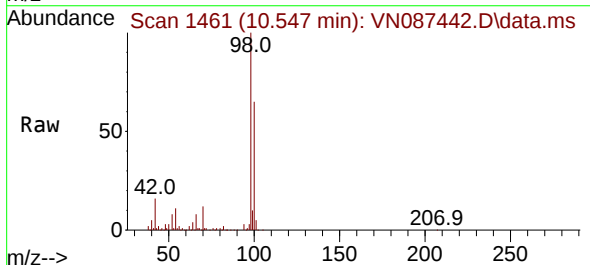
Tgt Ion: 91 Resp: 94699
Ion Ratio Lower Upper
91 100
92 55.8 45.6 68.4

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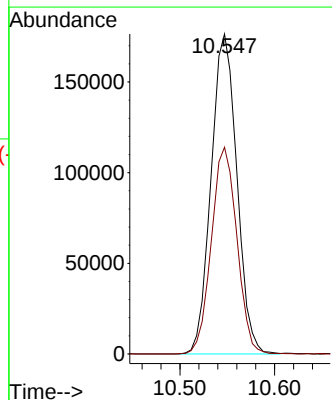
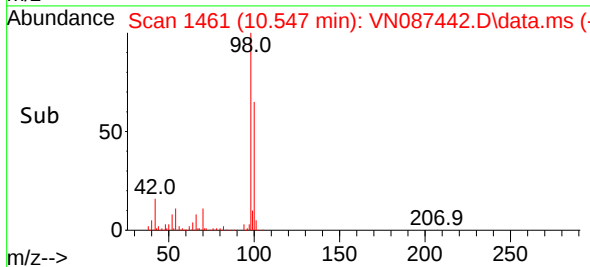
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

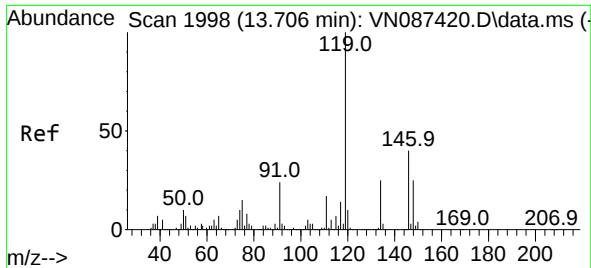


#63
Toluene-d8
Concen: 30.833 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087442.D
Acq: 30 Jul 2025 14:06



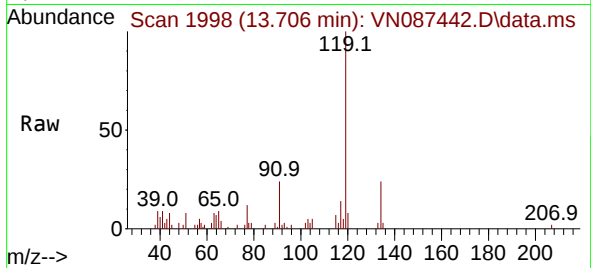
Tgt Ion: 98 Resp: 333787
Ion Ratio Lower Upper
98 100
100 64.0 50.7 76.1





#82
 p-Isopropyltoluene
 Concen: 1.747 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087442.D
 Acq: 30 Jul 2025 14:06

Instrument :
 MSVOA_N
 ClientSampleId :
 002 35th Ave(june)



Tgt Ion	Ratio	Lower	Upper
119	100		
134	24.7	0.0	50.8
91	27.0	0.0	47.6

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