

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090925\
 Data File : VN087771.D
 Acq On : 09 Sep 2025 12:43
 Operator : JC\MD
 Sample : Q3041-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/10/2025
 Supervised By :Mahesh Dadoda 09/10/2025

Quant Time: Sep 10 02:31:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 05 03:29:53 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.800	128	46039	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	227372	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	210427	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	117728	29.935	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.767%		
60) 4-Bromofluorobenzene	12.829	95	89749	26.525	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	88.433%		
63) Toluene-d8	10.547	98	287598	29.389	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	97.967%		
Target Compounds						
15) Acetone	4.430	58	9541m	16.585	ug/l	Qvalue
25) Chloroform	7.941	83	57689	9.641	ug/l	91
30) 2-Butanone	7.477	43	7376m	2.898	ug/l	
41) Bromodichloromethane	9.876	83	5006	1.076	ug/l #	89
58) 4-Methyl-2-Pentanone	10.429	43	3390	0.681	ug/l #	69
62) Toluene	10.612	91	25860	2.032	ug/l	98
82) p-Isopropyltoluene	13.706	119	4882	0.455	ug/l	85

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

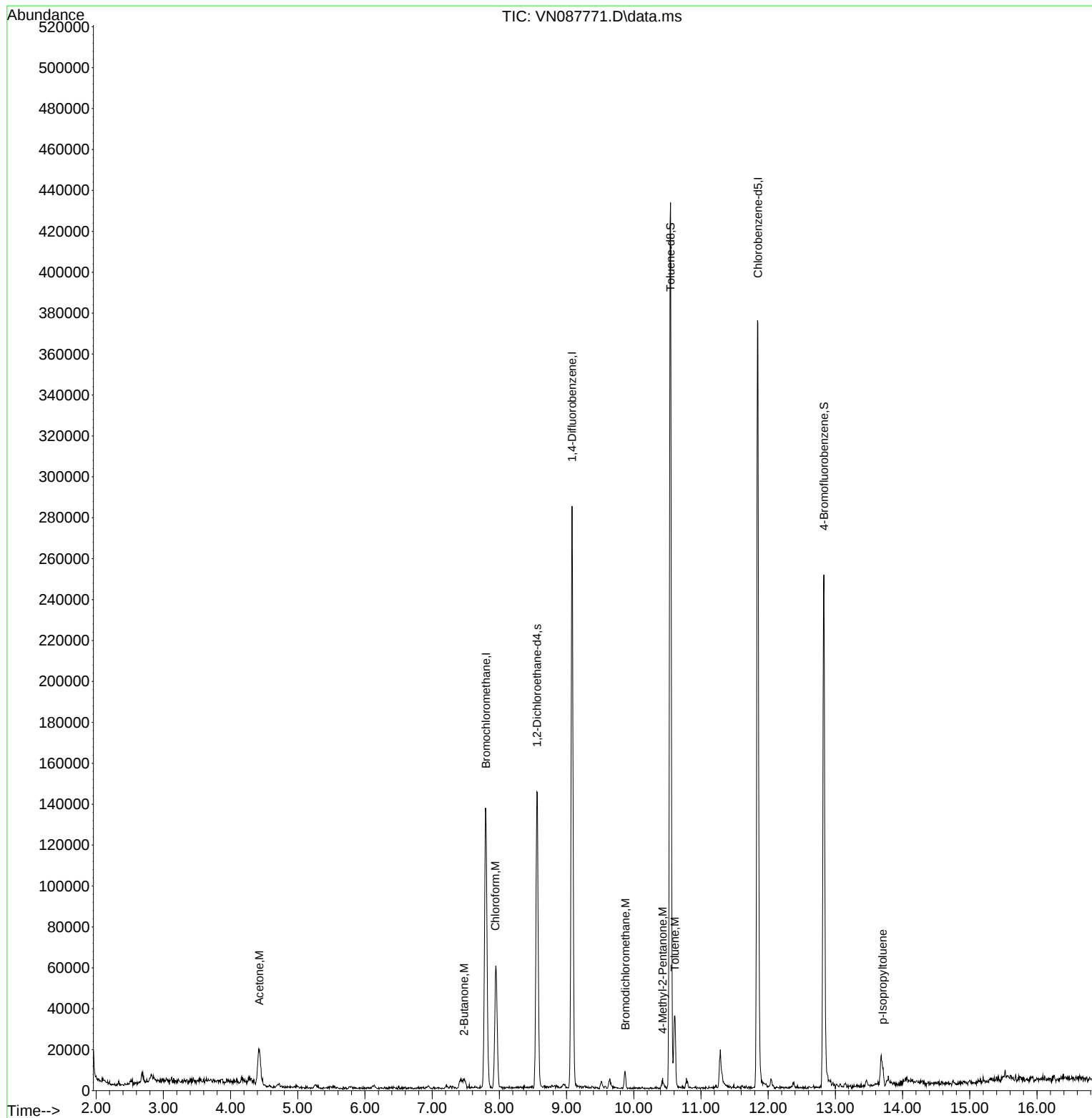
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090925\
Data File : VN087771.D
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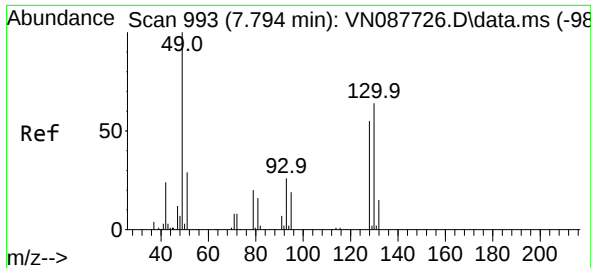
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(sep)

Quant Time: Sep 10 02:31:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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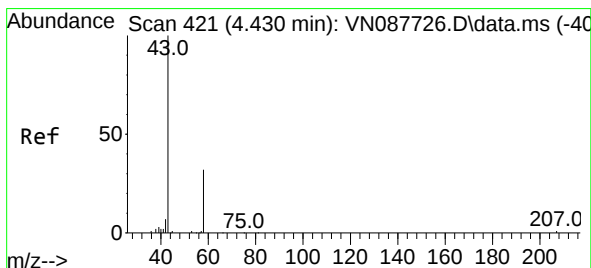
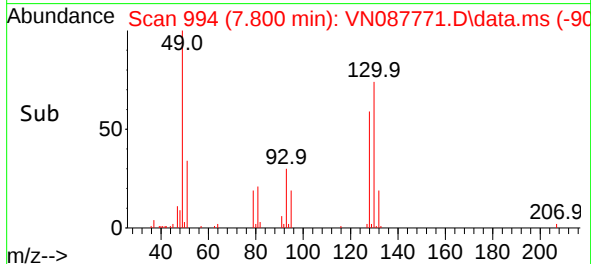
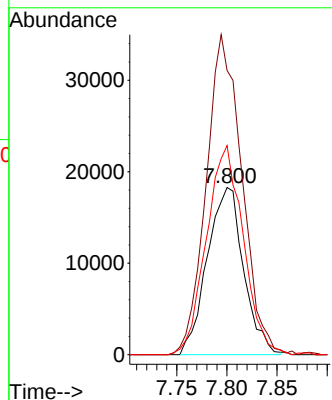
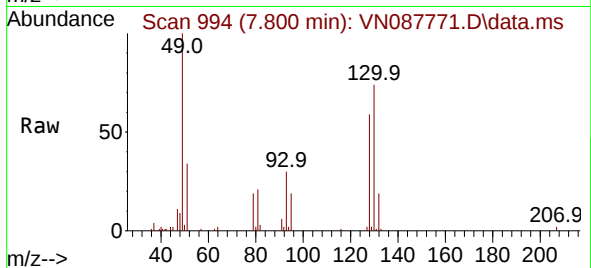
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 993
Delta R.T. 0.006 min
Lab File: VN087771.D
Acq: 09 Sep 2025 12:43

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

Tgt Ion:128 Resp: 46039
Ion Ratio Lower Upper
128 100
49 188.2 0.0 464.3
130 127.0 0.0 300.5

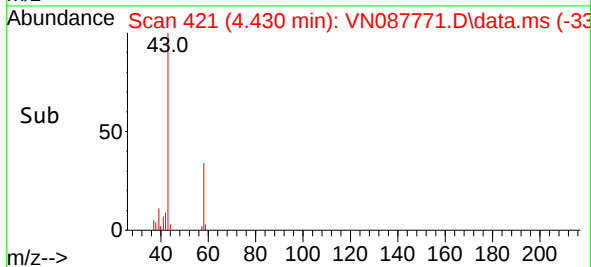
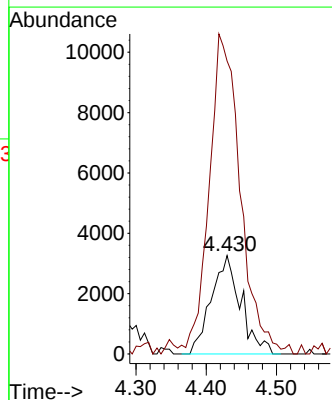
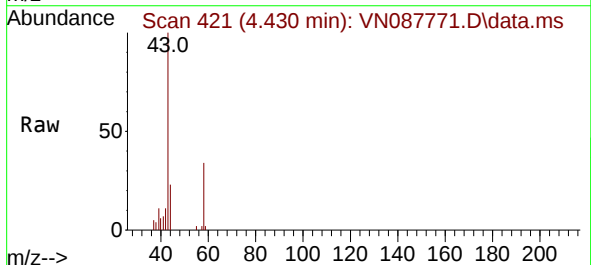
Manual Integrations
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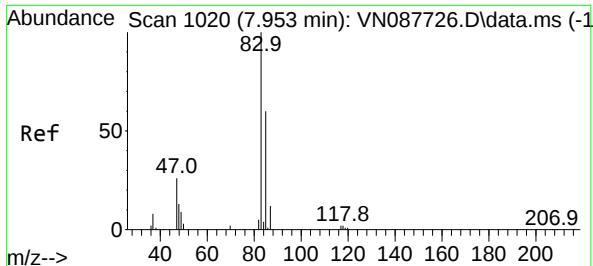
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#15
Acetone
Concen: 16.585 ug/l m
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN087771.D
Acq: 09 Sep 2025 12:43

Tgt Ion: 58 Resp: 9541
Ion Ratio Lower Upper
58 100
43 297.8 250.6 376.0





#25

Chloroform

Concen: 9.641 ug/l

RT: 7.941 min Scan# 1018

Delta R.T. -0.012 min

Lab File: VN087771.D

Acq: 09 Sep 2025 12:43

Instrument :

MSVOA_N

ClientSampleId :

002 35th Ave(sep)

Tgt Ion: 83 Resp: 57689

Ion Ratio Lower Upper

83 100

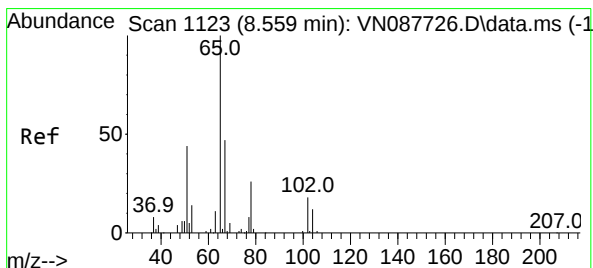
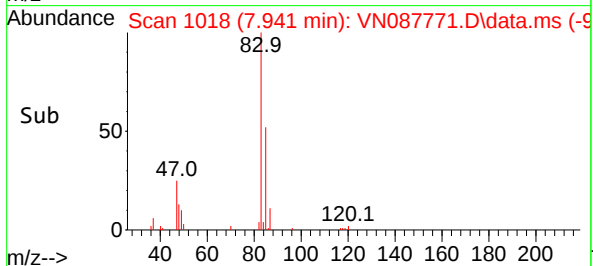
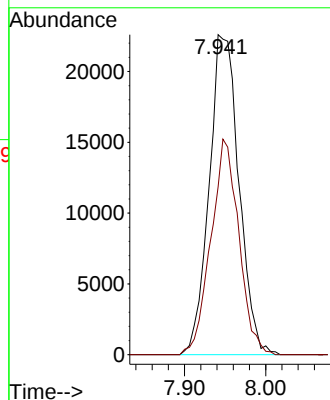
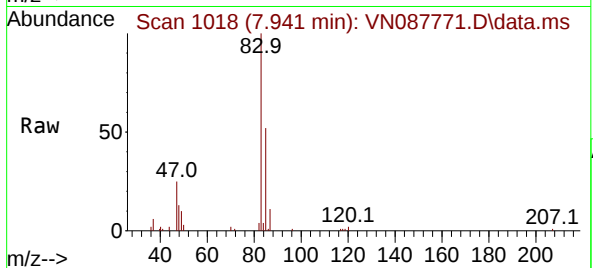
85 52.5 47.7 71.5

Manual Integrations

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#27

1,2-Dichloroethane-d4

Concen: 29.935 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN087771.D

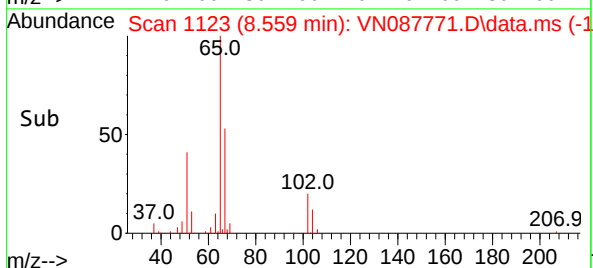
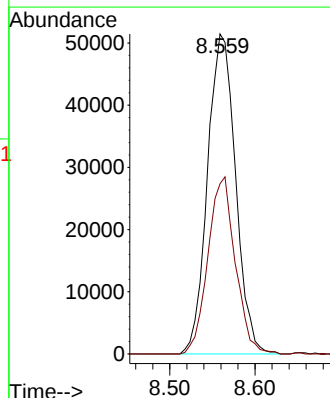
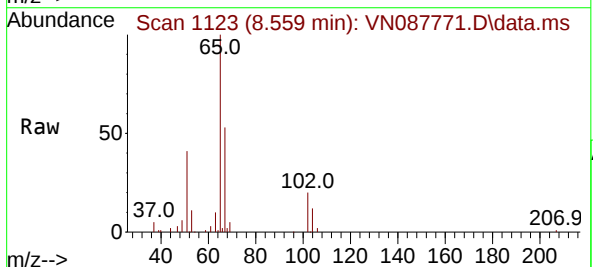
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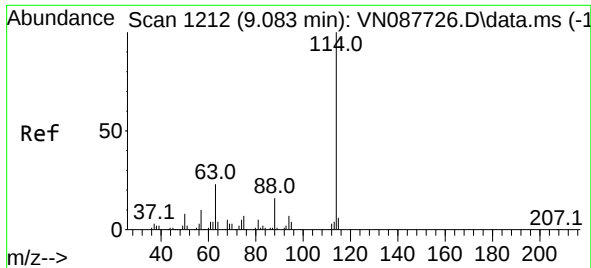
Tgt Ion: 65 Resp: 117728

Ion Ratio Lower Upper

65 100

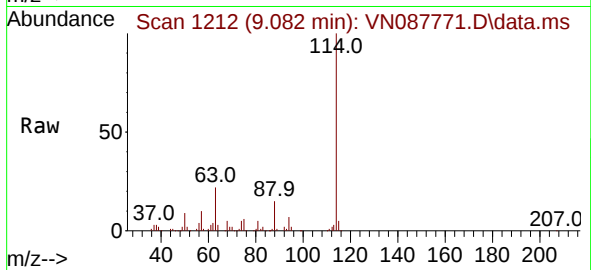
67 54.0 39.6 59.4





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087771.D
Acq: 09 Sep 2025 12:43

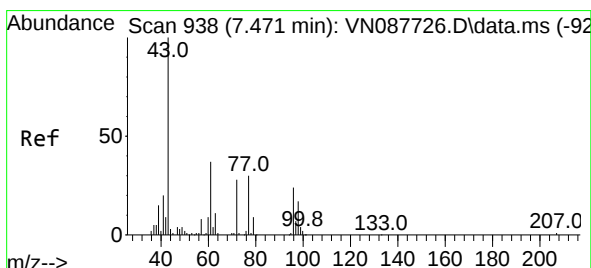
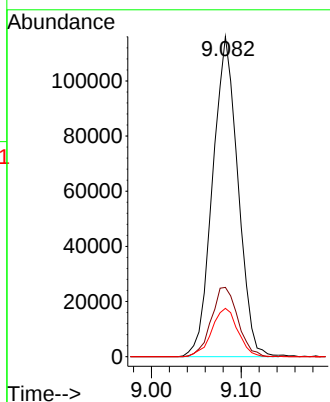
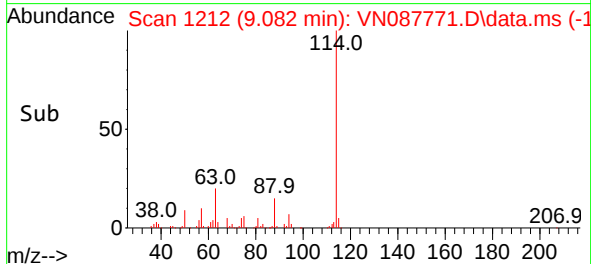
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(sep)



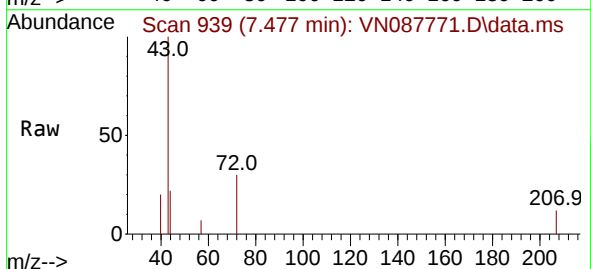
Tgt Ion:114 Resp: 227372
Ion Ratio Lower Upper
114 100
63 22.7 18.3 27.5
88 15.6 12.4 18.6

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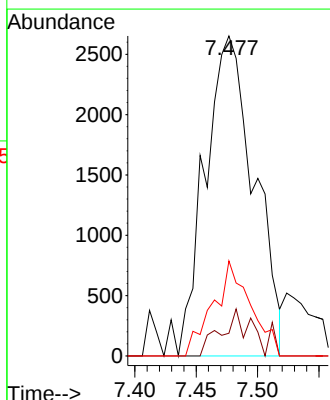
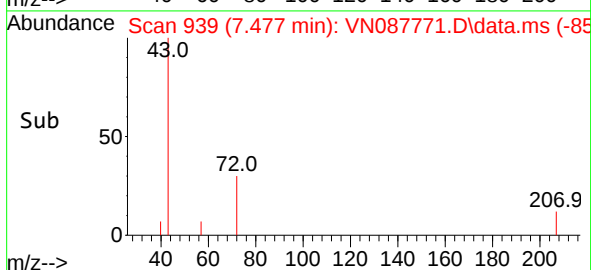
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025

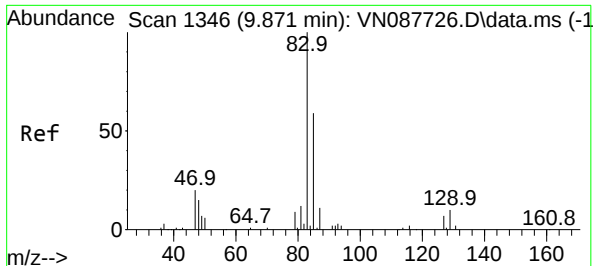


#30
2-Butanone
Concen: 2.898 ug/l m
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN087771.D
Acq: 09 Sep 2025 12:43



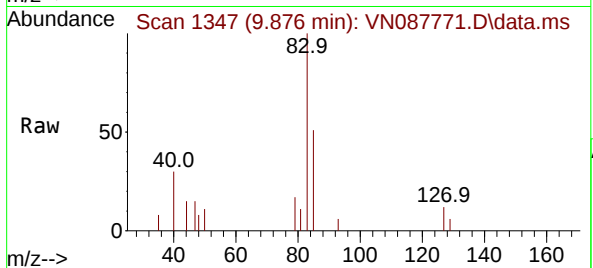
Tgt Ion: 43 Resp: 7376
Ion Ratio Lower Upper
43 100
57 3.5 6.3 9.5#
72 14.8 21.4 32.2#





#41
Bromodichloromethane
Concen: 1.076 ug/l
RT: 9.876 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087771.D
Acq: 09 Sep 2025 12:43

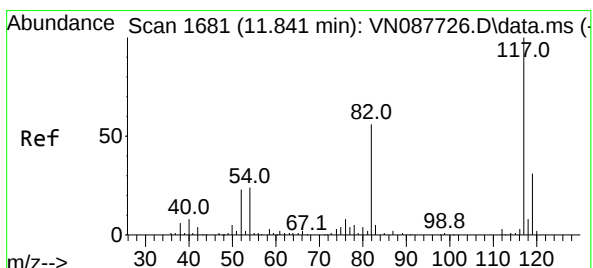
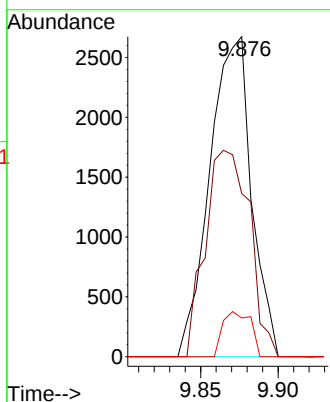
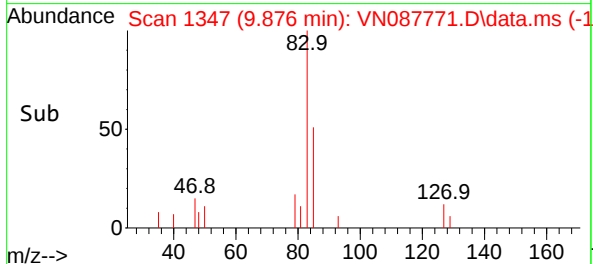
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(sep)



Tgt Ion: 83 Resp: 5000
Ion Ratio Lower Upper
83 100
85 51.0 47.3 70.9
127 12.1 5.2 7.8

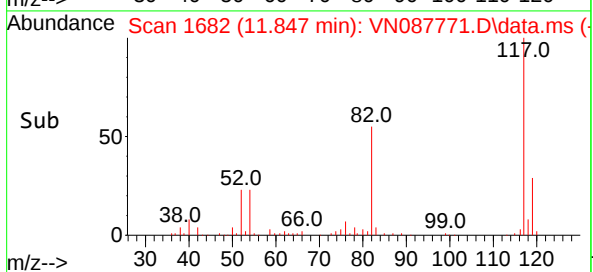
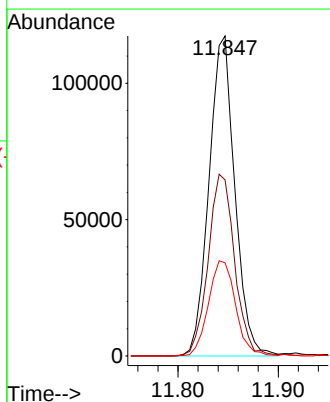
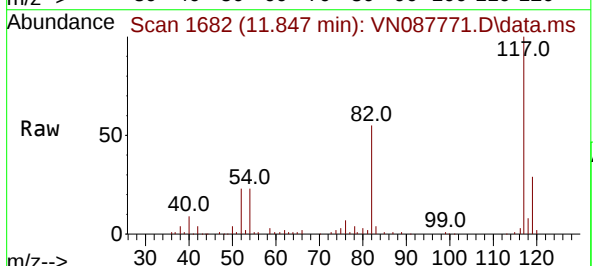
Manual Integrations
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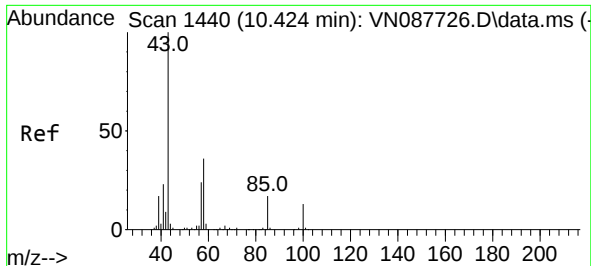
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN087771.D
Acq: 09 Sep 2025 12:43

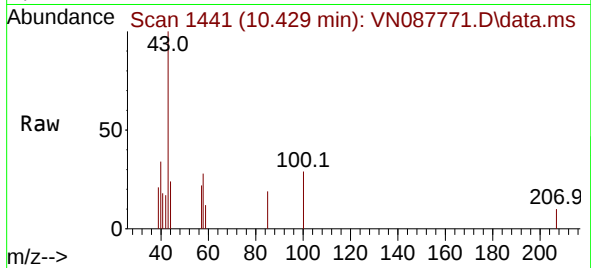
Tgt Ion:117 Resp: 210427
Ion Ratio Lower Upper
117 100
82 57.4 45.9 68.9
119 31.1 25.3 37.9





#58
4-Methyl-2-Pentanone
Concen: 0.681 ug/l
RT: 10.429 min Scan# 1440
Delta R.T. 0.006 min
Lab File: VN087771.D
Acq: 09 Sep 2025 12:43

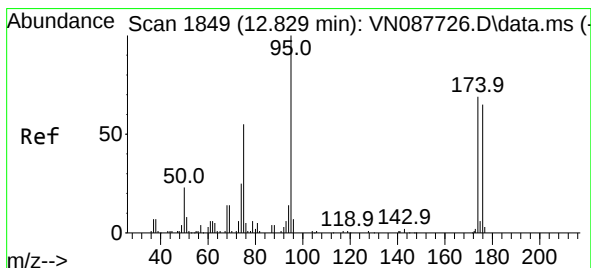
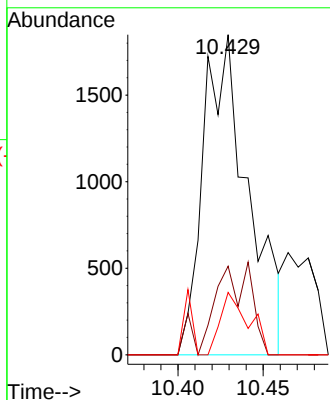
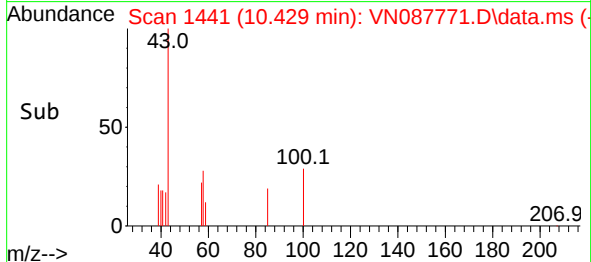
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(sep)



Tgt Ion: 43 Resp: 3390
Ion Ratio Lower Upper
43 100
58 14.1 29.6 44.4
85 9.8 13.0 19.4

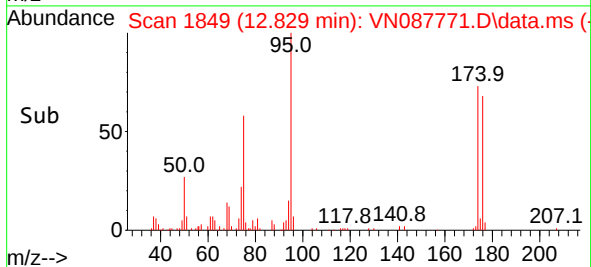
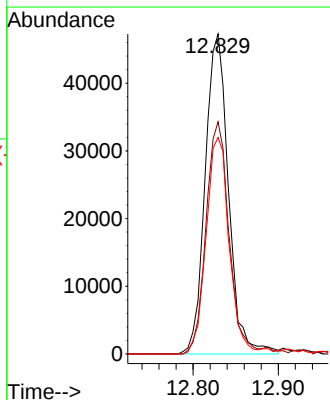
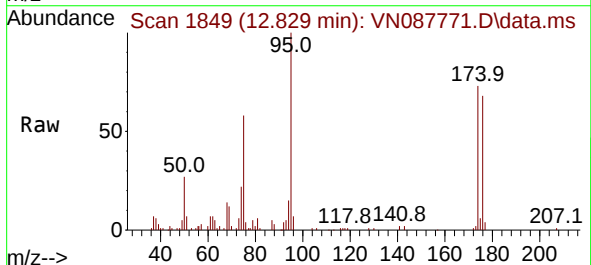
Manual Integrations
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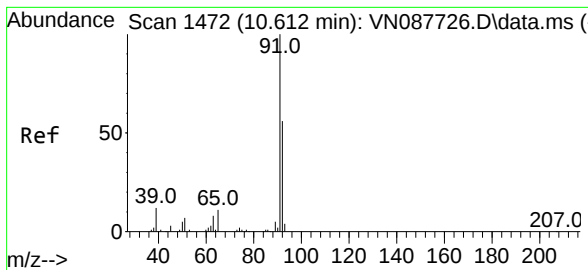
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#60
4-Bromofluorobenzene
Concen: 26.525 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087771.D
Acq: 09 Sep 2025 12:43

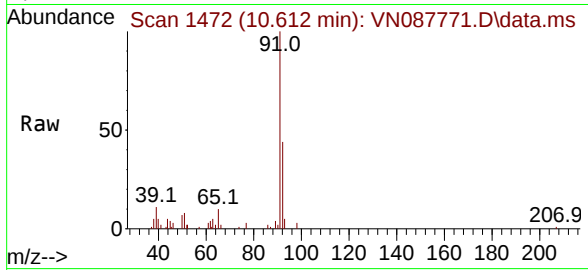
Tgt Ion: 95 Resp: 89749
Ion Ratio Lower Upper
95 100
174 71.1 55.4 83.0
176 66.6 51.5 77.3





#62
Toluene
Concen: 2.032 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087771.D
Acq: 09 Sep 2025 12:43

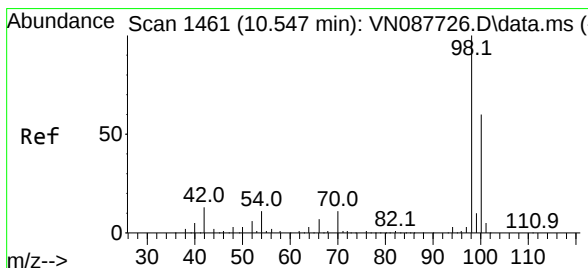
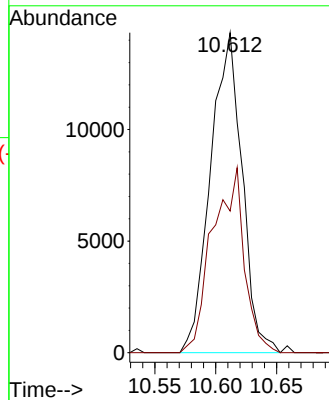
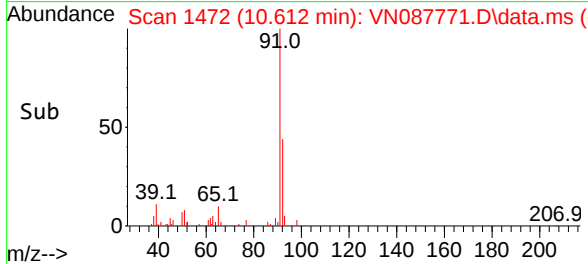
Instrument : MSVOA_N
ClientSampleId : 002 35th Ave(sep)



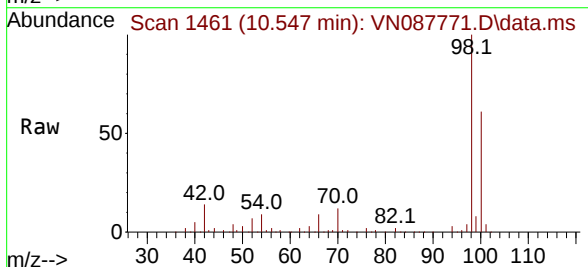
Tgt Ion: 91 Resp: 25860
Ion Ratio Lower Upper
91 100
92 58.2 45.4 68.0

Manual Integrations
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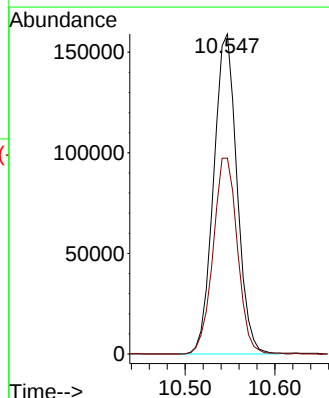
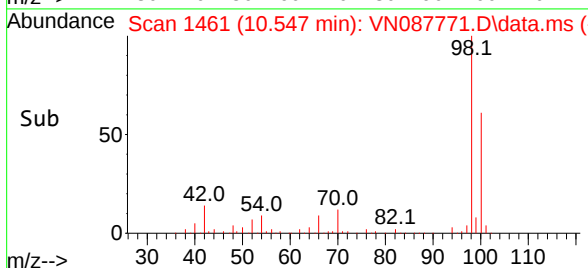
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Supervised By :Mahesh Dadoda 09/10/2025

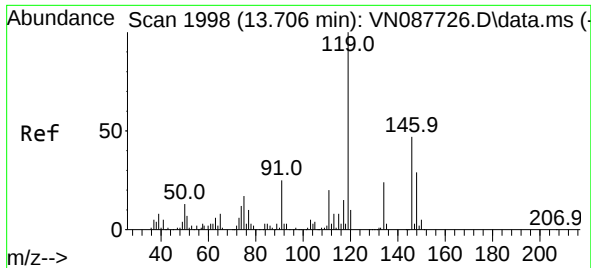


#63
Toluene-d8
Concen: 29.389 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087771.D
Acq: 09 Sep 2025 12:43



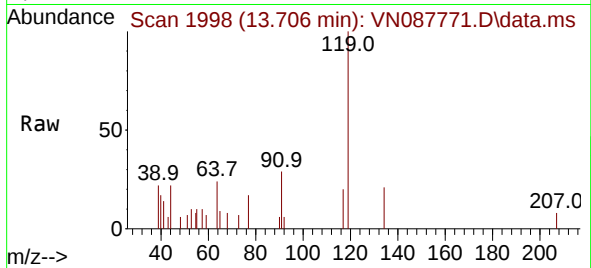
Tgt Ion: 98 Resp: 287598
Ion Ratio Lower Upper
98 100
100 63.7 50.6 76.0





#82
 p-Isopropyltoluene
 Concen: 0.455 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087771.D
 Acq: 09 Sep 2025 12:43

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



Tgt Ion:	119	Resp:	488
Ion Ratio	Lower	Upper	
119	100		
134	20.3	0.0	49.4
91	15.0	0.0	52.2

Manual Integrations
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