

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090925\
 Data File : VN087770.D
 Acq On : 09 Sep 2025 12:23
 Operator : JC\MD
 Sample : Q3041-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 001 Willets Pt Blvd (Sep)

Quant Time: Sep 10 02:30:40 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Bromochloromethane	7.789	128	45351	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	240068	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	211456	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	119732	30.906	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.033%			
60) 4-Bromofluorobenzene	12.829	95	89571	26.344	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 87.800%			
63) Toluene-d8	10.541	98	293506	29.846	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.500%			
Target Compounds						
					Qvalue	
15) Acetone	4.430	58	9484	16.736	ug/l	81
25) Chloroform	7.947	83	57421	9.741	ug/l	89
30) 2-Butanone	7.483	43	8508m	3.166	ug/l	
41) Bromodichloromethane	9.871	83	5351	1.089	ug/l #	87
58) 4-Methyl-2-Pentanone	10.430	43	3658	0.732	ug/l #	68
62) Toluene	10.612	91	29427	2.301	ug/l	97
82) p-Isopropyltoluene	13.700	119	6850	0.635	ug/l	95

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

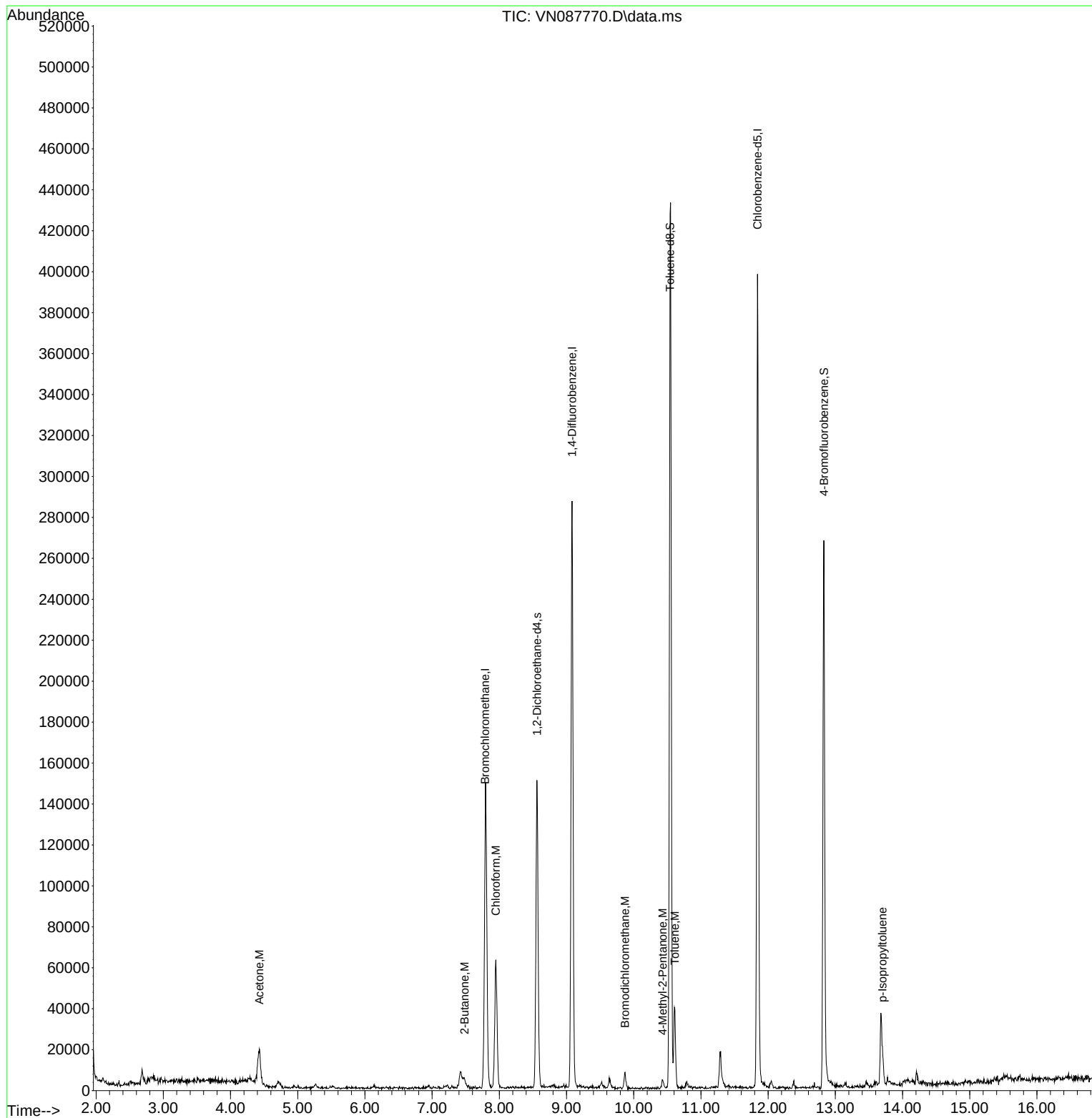
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090925\
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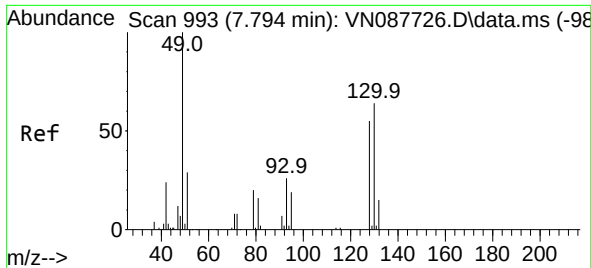
Instrument :
MSVOA_N
ClientSampleId :
001 Willets Pt Blvd (Sep)

Quant Time: Sep 10 02:30:40 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

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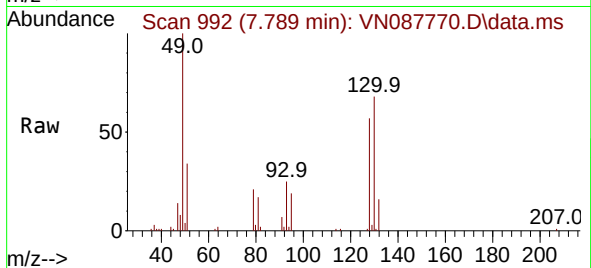
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.789 min Scan# 993
Delta R.T. -0.005 min
Lab File: VN087770.D
Acq: 09 Sep 2025 12:23

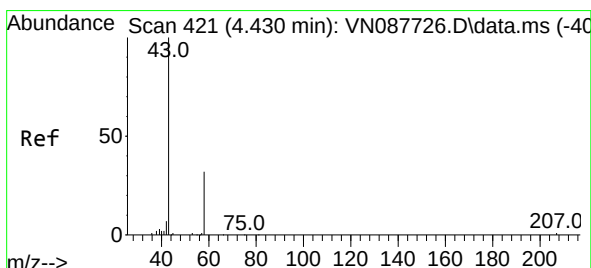
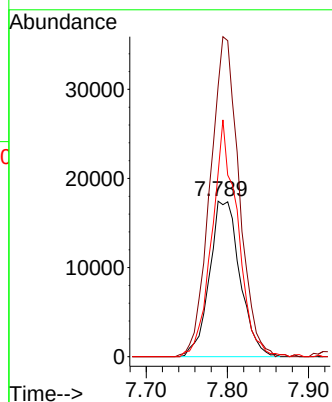
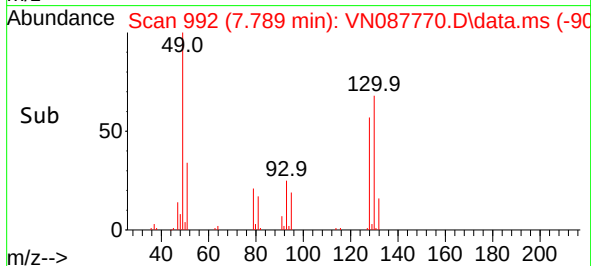
Instrument :
MSVOA_N
ClientSampleId :
001 Willets Pt Blvd (Sep)



Tgt Ion:128 Resp: 4535
Ion Ratio Lower Upper
128 100
49 196.0 0.0 464.3
130 128.5 0.0 300.5

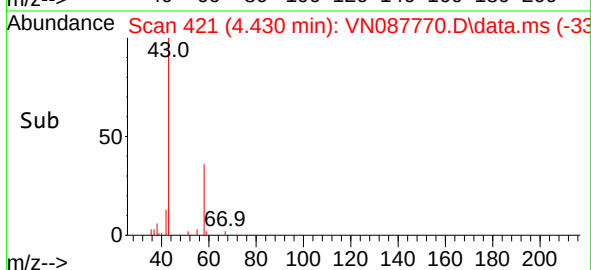
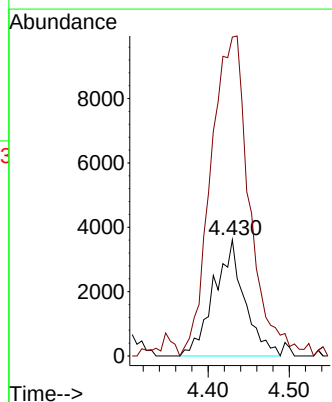
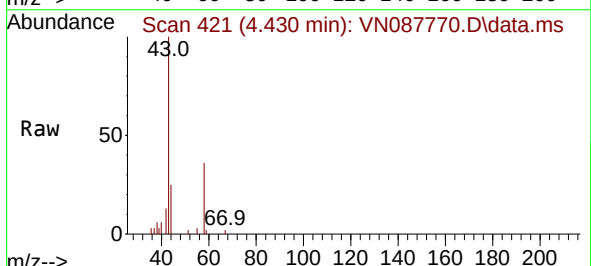
Manual Integrations
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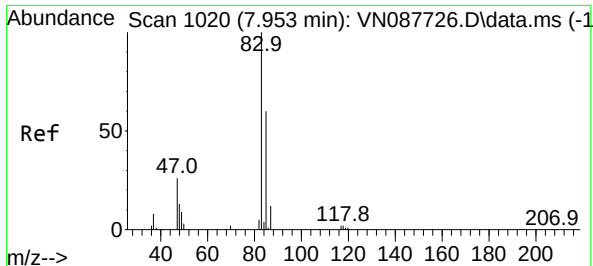
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#15
Acetone
Concen: 16.736 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN087770.D
Acq: 09 Sep 2025 12:23

Tgt Ion: 58 Resp: 9484
Ion Ratio Lower Upper
58 100
43 274.4 250.6 376.0





#25

Chloroform

Concen: 9.741 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VN087770.D

Acq: 09 Sep 2025 12:23

Instrument :

MSVOA_N

ClientSampleId :

001 Willets Pt Blvd (Sep)

Tgt Ion: 83 Resp: 5742

Ion Ratio Lower Upper

83 100

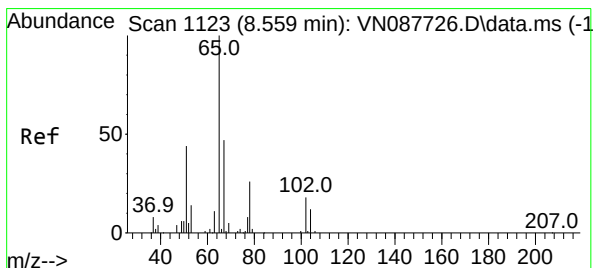
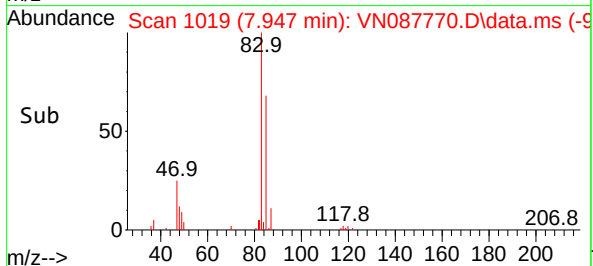
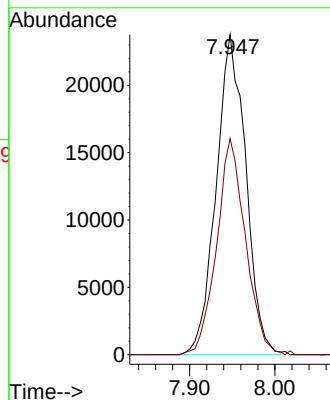
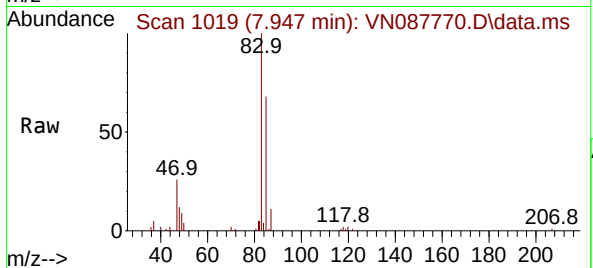
85 67.5 47.7 71.5

Manual Integrations

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#27

1,2-Dichloroethane-d4

Concen: 30.906 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN087770.D

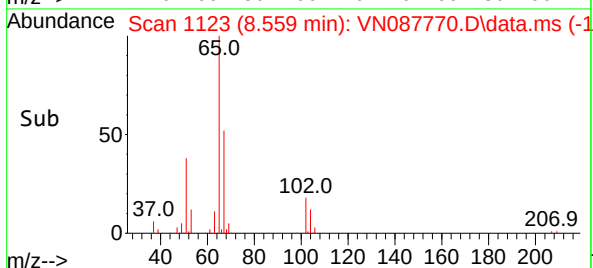
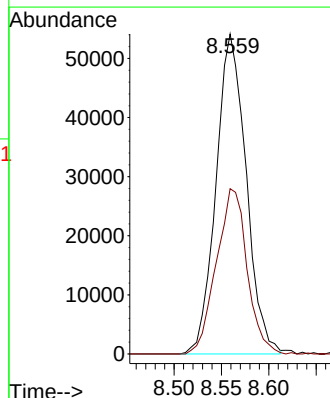
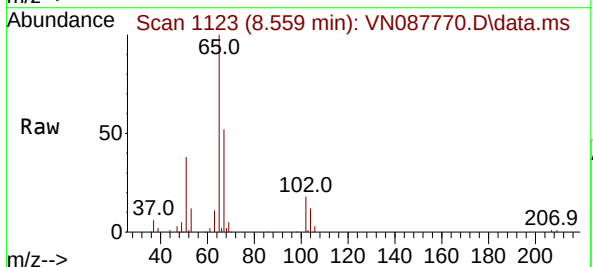
Acq: 09 Sep 2025 12:23

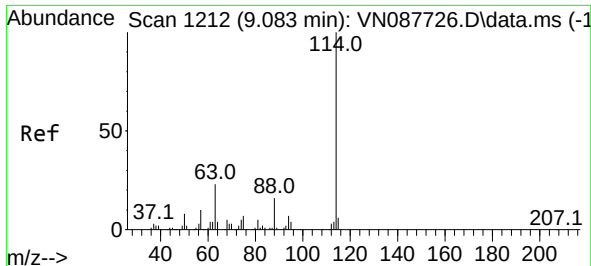
Tgt Ion: 65 Resp: 119732

Ion Ratio Lower Upper

65 100

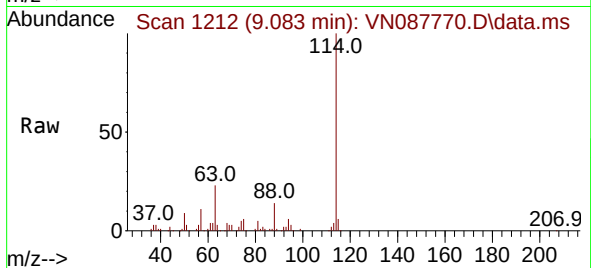
67 52.6 39.6 59.4





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.083 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087770.D
Acq: 09 Sep 2025 12:23

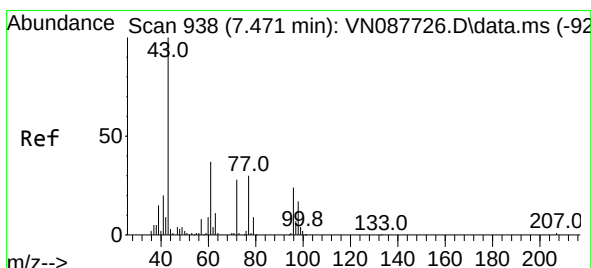
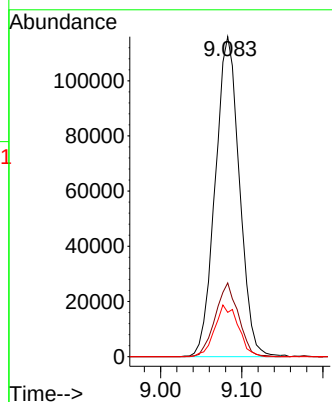
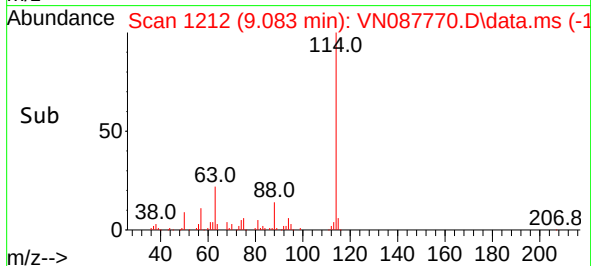
Instrument :
MSVOA_N
ClientSampleId :
001 Willets Pt Blvd (Sep)



Tgt Ion:114 Resp: 240068
Ion Ratio Lower Upper
114 100
63 22.1 18.3 27.5
88 15.8 12.4 18.6

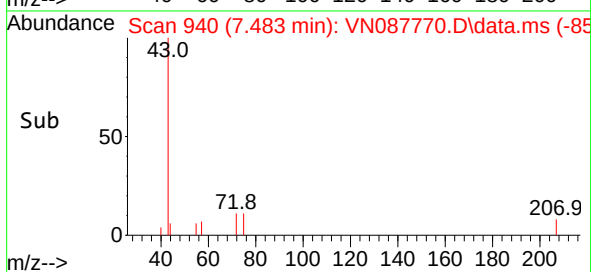
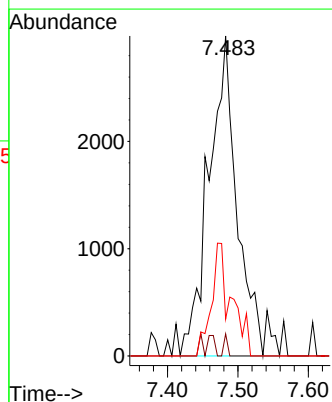
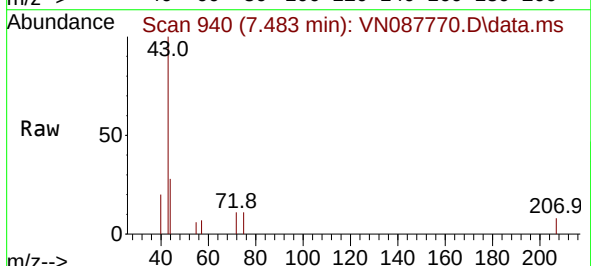
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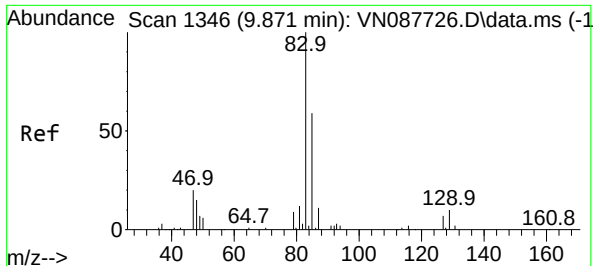
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#30
2-Butanone
Concen: 3.166 ug/l m
RT: 7.483 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN087770.D
Acq: 09 Sep 2025 12:23

Tgt Ion: 43 Resp: 8508
Ion Ratio Lower Upper
43 100
57 1.6 6.3 9.5#
72 15.7 21.4 32.2#





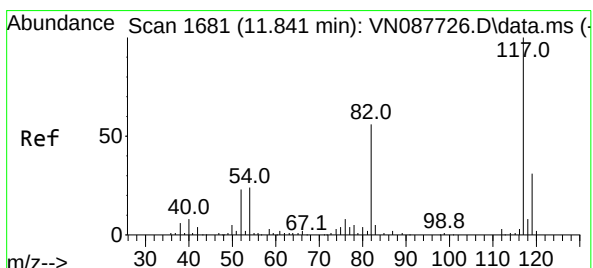
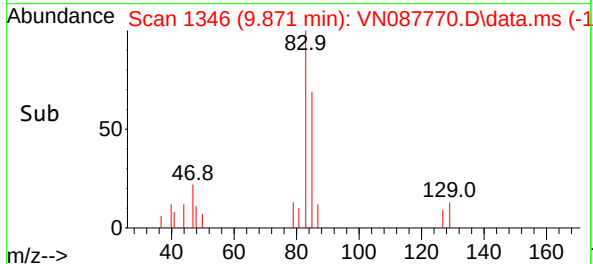
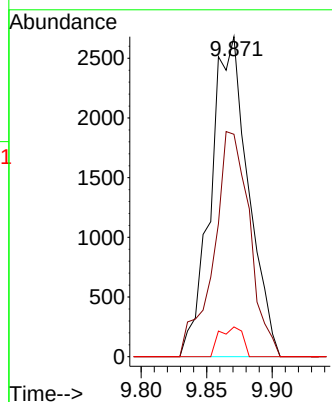
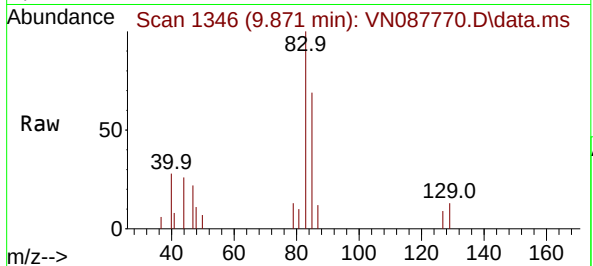
#41
Bromodichloromethane
Concen: 1.089 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VN087770.D
Acq: 09 Sep 2025 12:23

Instrument :
MSVOA_N
ClientSampleId :
001 Willets Pt Blvd (Sep)

Tgt Ion: 83 Resp: 535
Ion Ratio Lower Upper
83 100
85 69.5 47.3 70.9
127 9.3 5.2 7.8

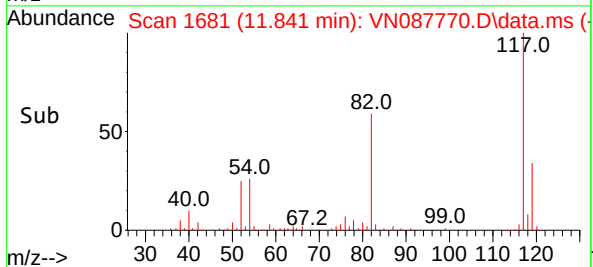
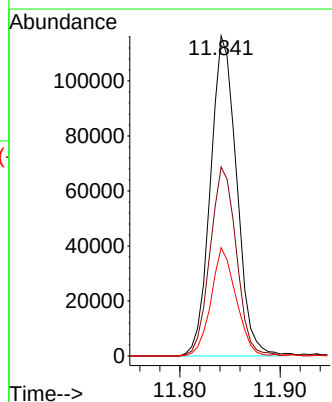
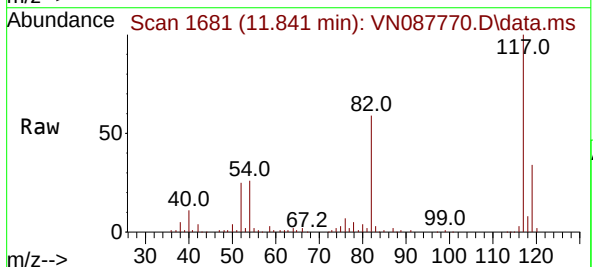
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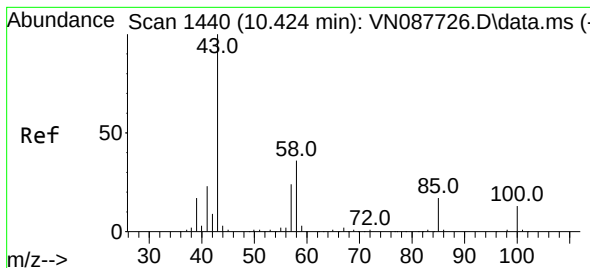
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN087770.D
Acq: 09 Sep 2025 12:23

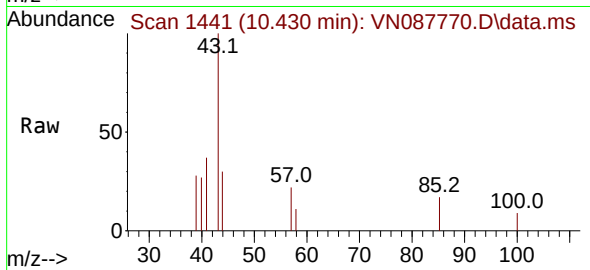
Tgt Ion:117 Resp: 211456
Ion Ratio Lower Upper
117 100
82 59.2 45.9 68.9
119 32.2 25.3 37.9





#58
4-Methyl-2-Pentanone
Concen: 0.732 ug/l
RT: 10.430 min Scan# 1440
Delta R.T. 0.006 min
Lab File: VN087770.D
Acq: 09 Sep 2025 12:23

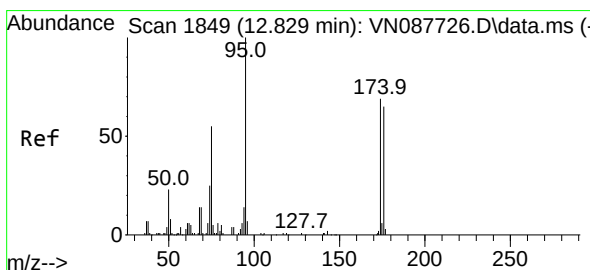
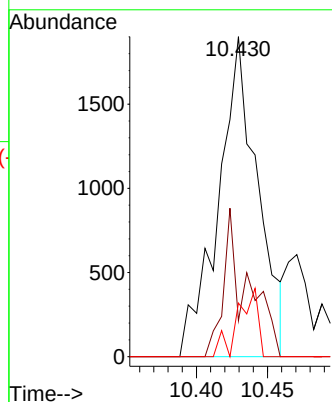
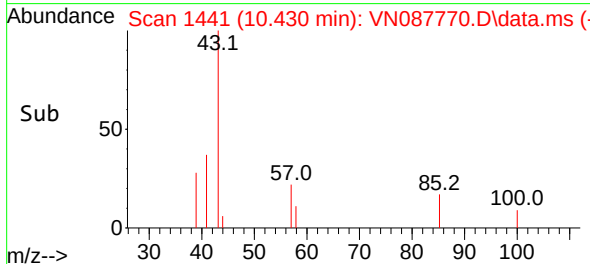
Instrument :
MSVOA_N
Client Sample Id :
001 Willets Pt Blvd (Sep)



Tgt Ion: 43 Resp: 3658
Ion Ratio Lower Upper
43 100
58 13.9 29.6 44.4
85 9.4 13.0 19.4

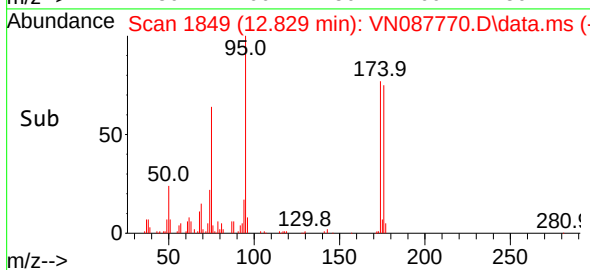
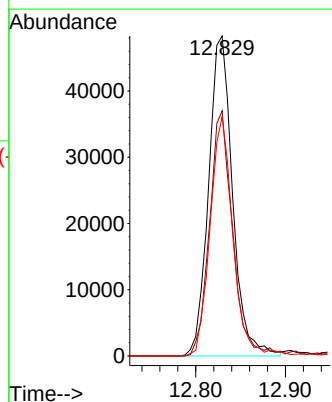
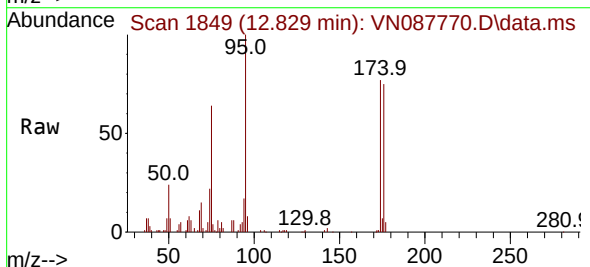
Manual Integrations
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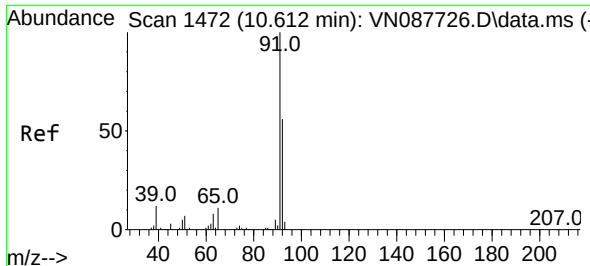
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#60
4-Bromofluorobenzene
Concen: 26.344 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087770.D
Acq: 09 Sep 2025 12:23

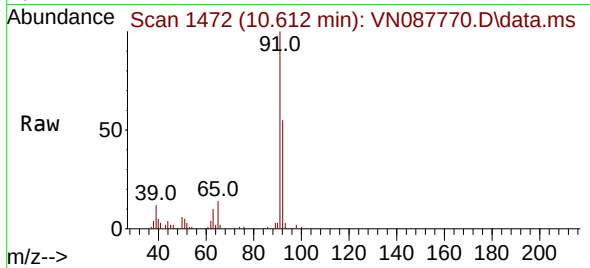
Tgt Ion: 95 Resp: 89571
Ion Ratio Lower Upper
95 100
174 72.7 55.4 83.0
176 69.9 51.5 77.3





#62
Toluene
Concen: 2.301 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087770.D
Acq: 09 Sep 2025 12:23

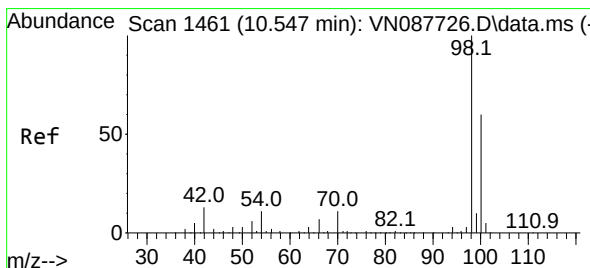
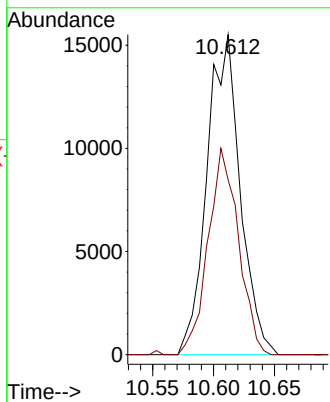
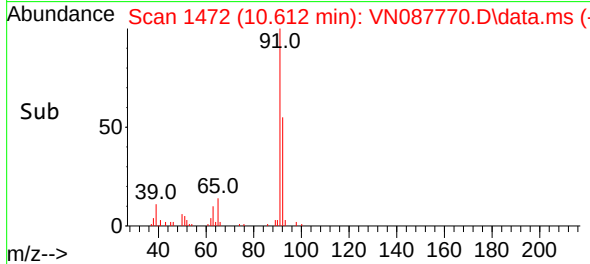
Instrument : MSVOA_N
ClientSampleId : 001 Willets Pt Blvd (Sep)



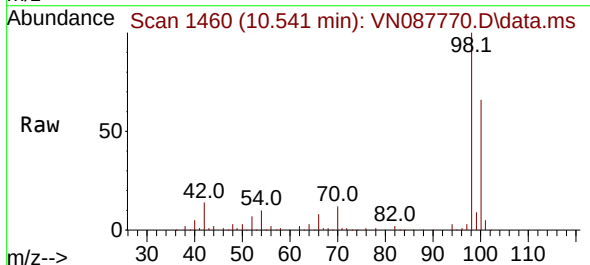
Tgt Ion: 91 Resp: 2942
Ion Ratio Lower Upper
91 100
92 59.1 45.4 68.0

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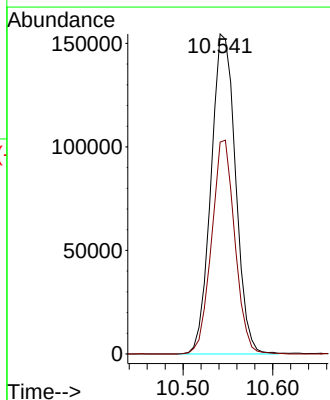
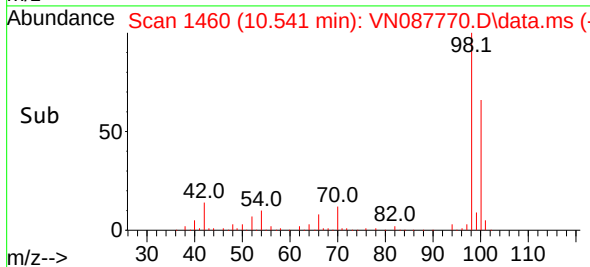
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Supervised By :Mahesh Dadoda 09/10/2025

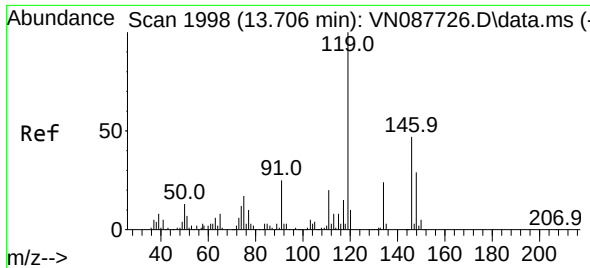


#63
Toluene-d8
Concen: 29.846 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN087770.D
Acq: 09 Sep 2025 12:23



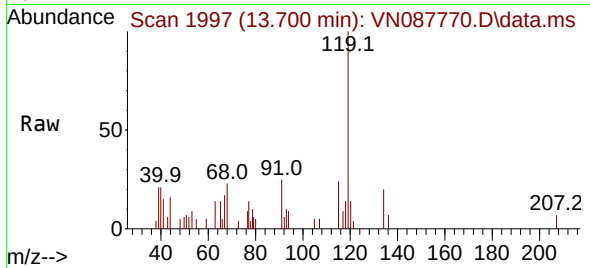
Tgt Ion: 98 Resp: 293506
Ion Ratio Lower Upper
98 100
100 63.4 50.6 76.0





#82
 p-Isopropyltoluene
 Concen: 0.635 ug/l
 RT: 13.700 min Scan# 1998
 Delta R.T. -0.006 min
 Lab File: VN087770.D
 Acq: 09 Sep 2025 12:23

Instrument :
 MSVOA_N
 ClientSampleId :
 001 Willets Pt Blvd (Sep)



Tgt Ion:119 Resp: 6850
 Ion Ratio Lower Upper
 119 100
 134 20.3 0.0 49.4
 91 25.4 0.0 52.2

Manual Integrations
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