

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090925\
 Data File : VN087769.D
 Acq On : 09 Sep 2025 12:02
 Operator : JC\MD
 Sample : Q3040-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Sep 10 02:30:17 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	7.794	128	46481	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	241360	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	221260	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	122137	30.761	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.533%			
60) 4-Bromofluorobenzene	12.824	95	89789	25.238	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 84.133%			
63) Toluene-d8	10.547	98	296581	28.823	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 96.067%			
Target Compounds						
						Qvalue
15) Acetone	4.424	58	9574m	16.484	ug/l	
25) Chloroform	7.947	83	54706	9.055	ug/l	92
30) 2-Butanone	7.471	43	7983m	2.954	ug/l	
41) Bromodichloromethane	9.859	83	4686	0.949	ug/l	97
62) Toluene	10.612	91	28002	2.092	ug/l	98
82) p-Isopropyltoluene	13.706	119	4936	0.437	ug/l	86

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

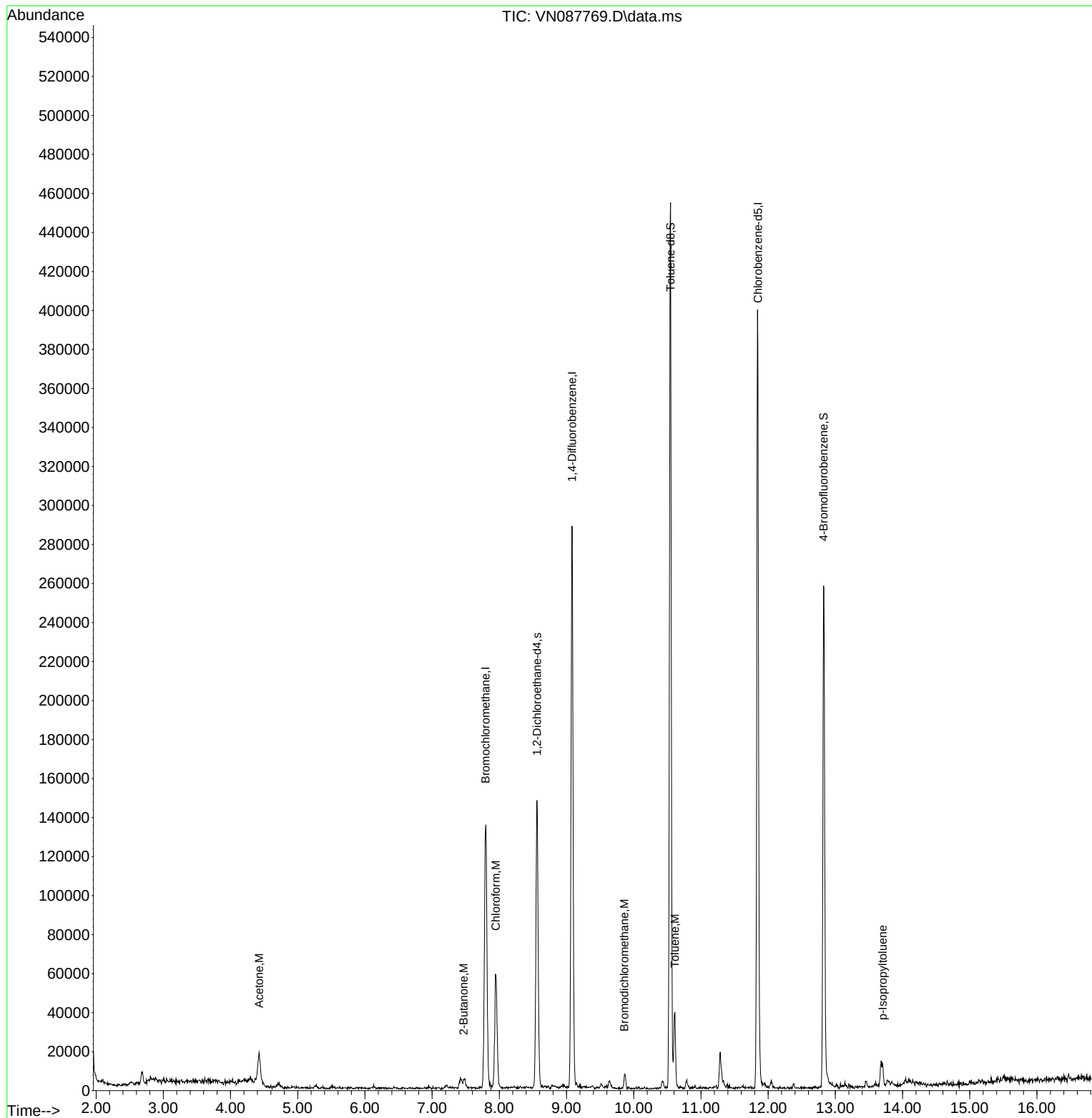
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090925\
Data File : VN087769.D
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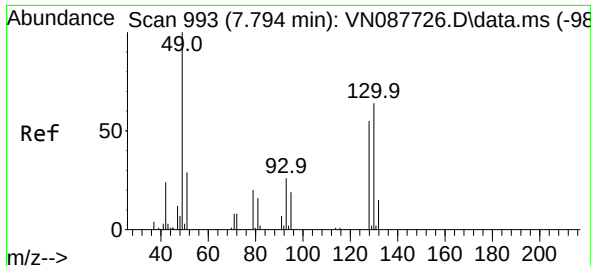
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave (JULY)

Quant Time: Sep 10 02:30:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
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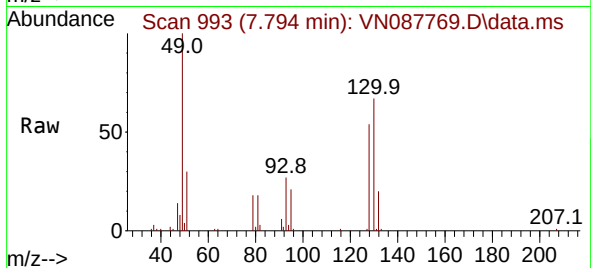
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.000 min
Lab File: VN087769.D
Acq: 09 Sep 2025 12:02

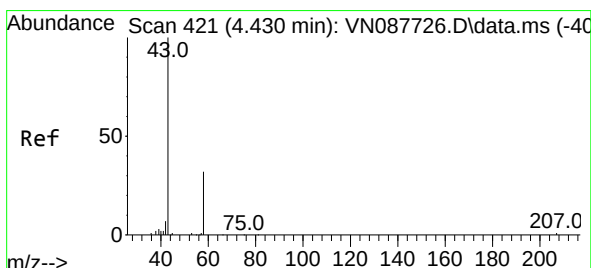
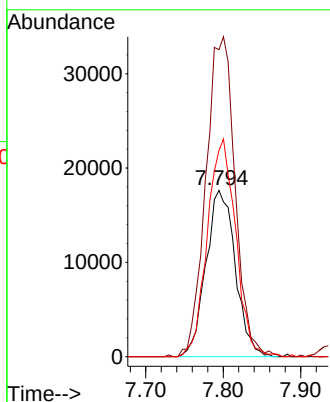
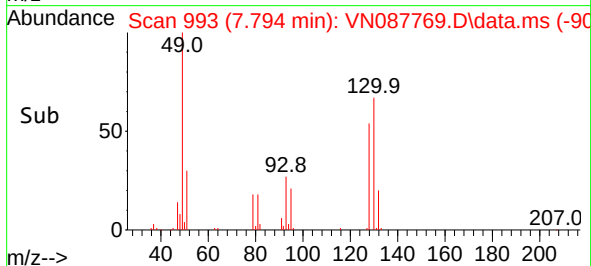
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave (JULY)



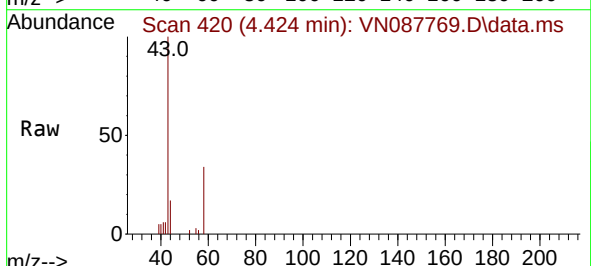
Tgt Ion:128 Resp: 4648
Ion Ratio Lower Upper
128 100
49 191.2 0.0 464.3
130 126.1 0.0 300.5

Manual Integrations
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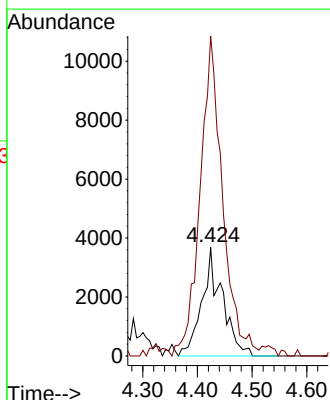
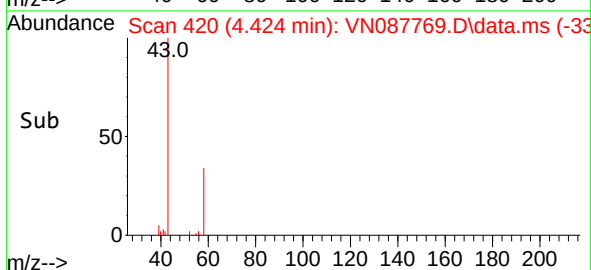
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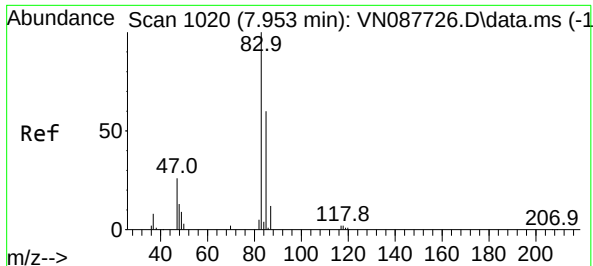


#15
Acetone
Concen: 16.484 ug/l m
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN087769.D
Acq: 09 Sep 2025 12:02



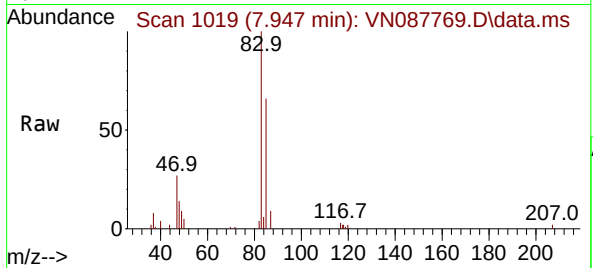
Tgt Ion: 58 Resp: 9574
Ion Ratio Lower Upper
58 100
43 294.5 250.6 376.0





#25
Chloroform
Concen: 9.055 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VN087769.D
Acq: 09 Sep 2025 12:02

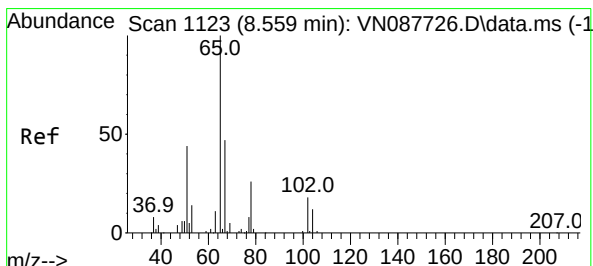
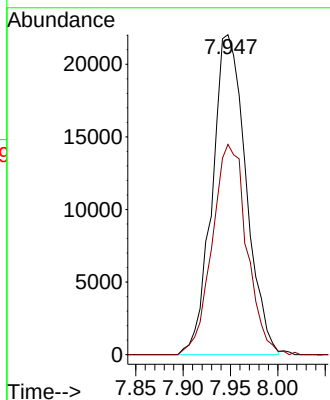
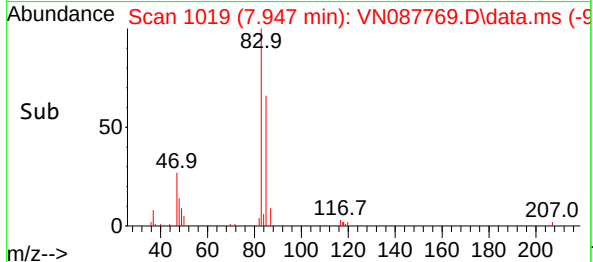
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave (JULY)



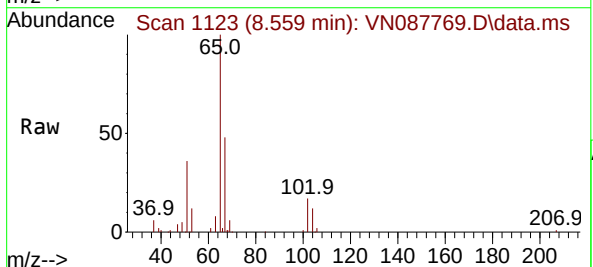
Tgt Ion: 83 Resp: 54700
Ion Ratio Lower Upper
83 100
85 65.7 47.7 71.5

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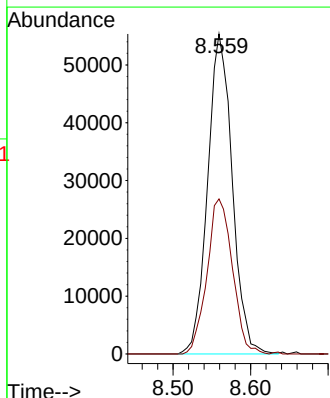
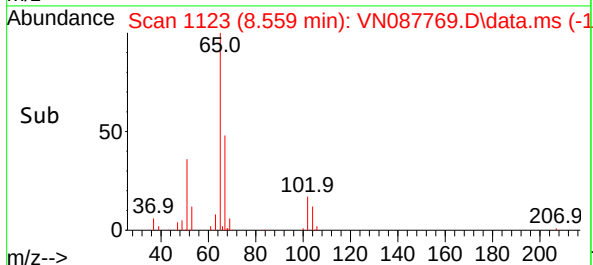
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025

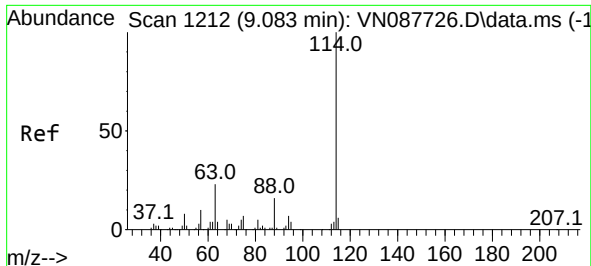


#27
1,2-Dichloroethane-d4
Concen: 30.761 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN087769.D
Acq: 09 Sep 2025 12:02



Tgt Ion: 65 Resp: 122137
Ion Ratio Lower Upper
65 100
67 50.1 39.6 59.4





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.083 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087769.D

Acq: 09 Sep 2025 12:02

Instrument :

MSVOA_N

ClientSampleId :

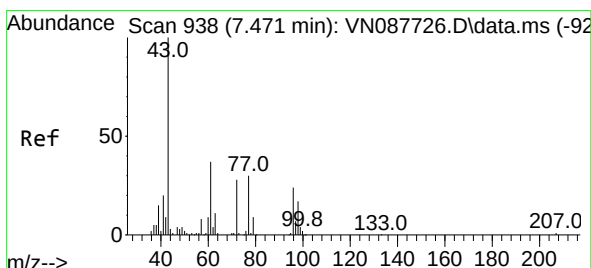
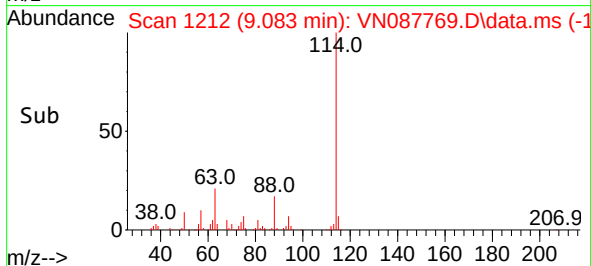
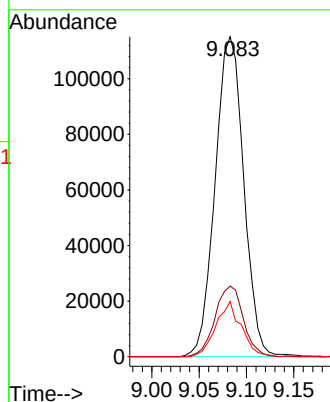
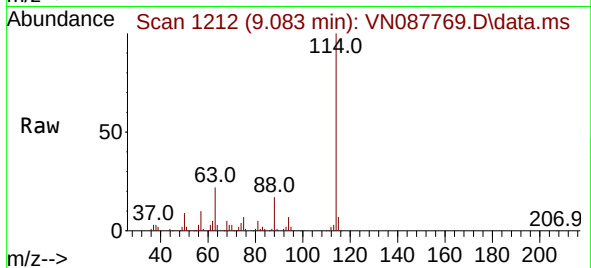
002 35th Ave (JULY)

Tgt Ion:	114	Resp:	241360
Ion	Ratio	Lower	Upper
114	100		
63	21.9	18.3	27.5
88	15.3	12.4	18.6

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#30

2-Butanone

Concen: 2.954 ug/l m

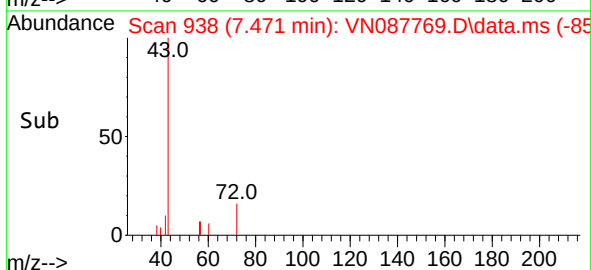
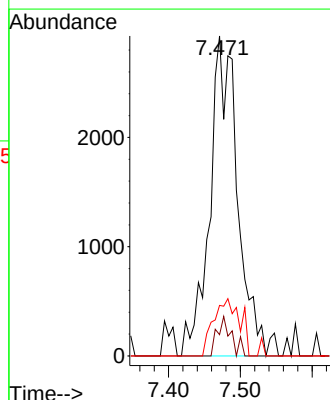
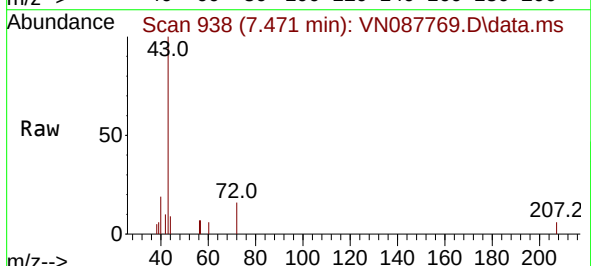
RT: 7.471 min Scan# 938

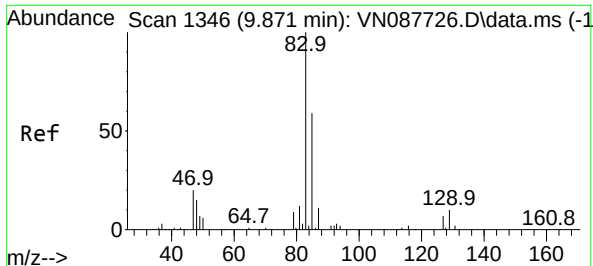
Delta R.T. 0.000 min

Lab File: VN087769.D

Acq: 09 Sep 2025 12:02

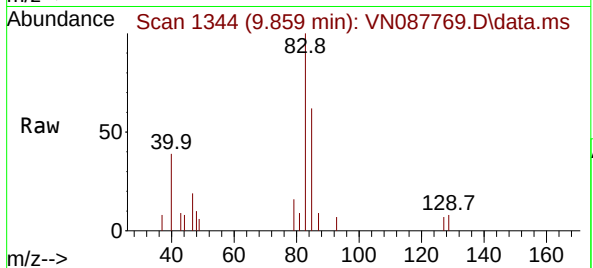
Tgt Ion:	43	Resp:	7983
Ion	Ratio	Lower	Upper
43	100		
57	0.0	6.3	9.5#
72	0.0	21.4	32.2#





#41
Bromodichloromethane
Concen: 0.949 ug/l
RT: 9.859 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN087769.D
Acq: 09 Sep 2025 12:02

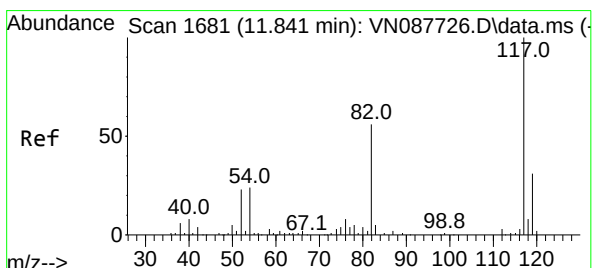
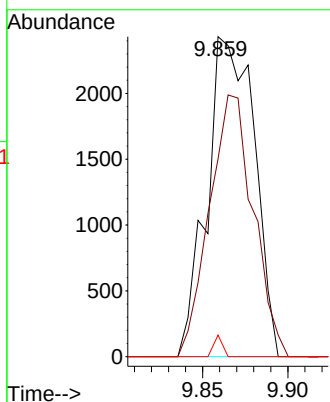
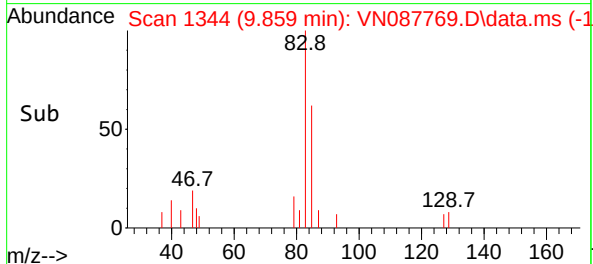
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave (JULY)



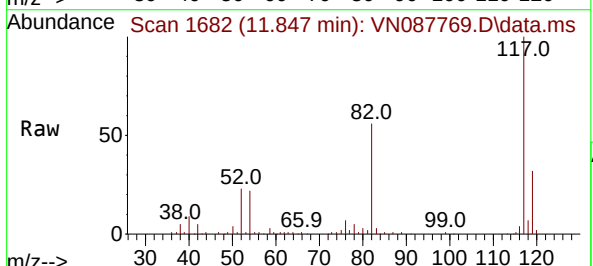
Tgt Ion: 83 Resp: 4680
Ion Ratio Lower Upper
83 100
85 61.8 47.3 70.9
127 6.7 5.2 7.8

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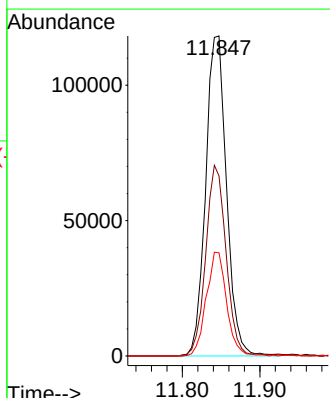
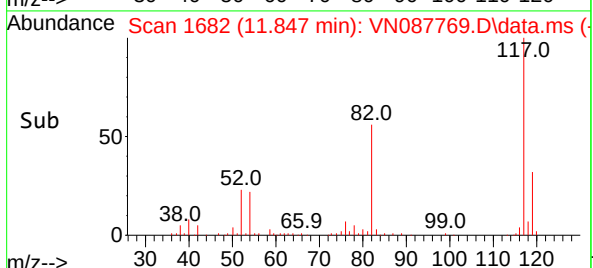
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025

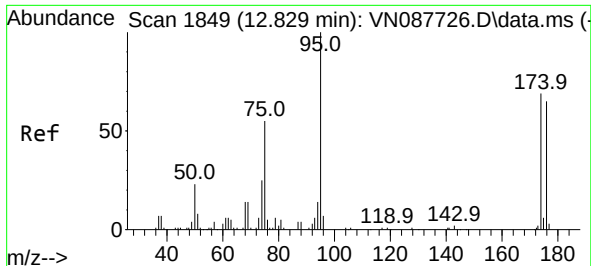


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN087769.D
Acq: 09 Sep 2025 12:02



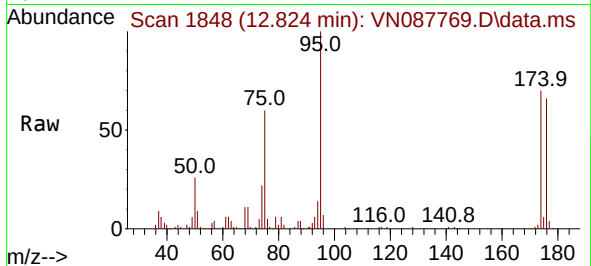
Tgt Ion:117 Resp: 221260
Ion Ratio Lower Upper
117 100
82 58.1 45.9 68.9
119 31.5 25.3 37.9





#60
4-Bromofluorobenzene
Concen: 25.238 ug/l
RT: 12.824 min Scan# 1848
Delta R.T. -0.006 min
Lab File: VN087769.D
Acq: 09 Sep 2025 12:02

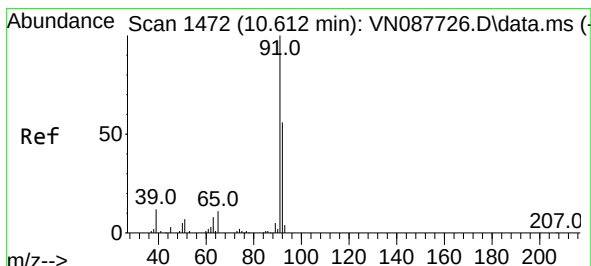
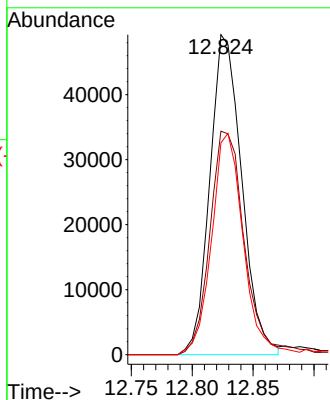
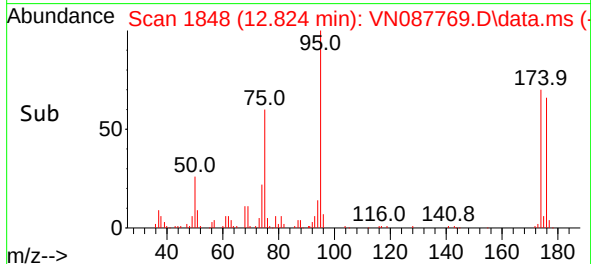
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave (JULY)



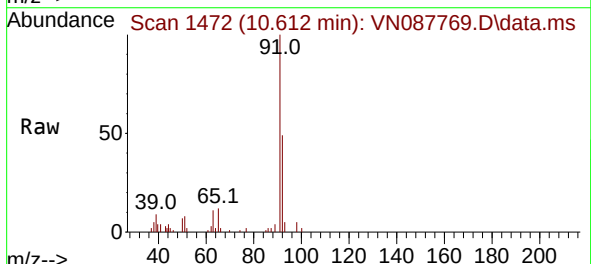
Tgt Ion: 95 Resp: 89789
Ion Ratio Lower Upper
95 100
174 76.1 55.4 83.0
176 68.6 51.5 77.3

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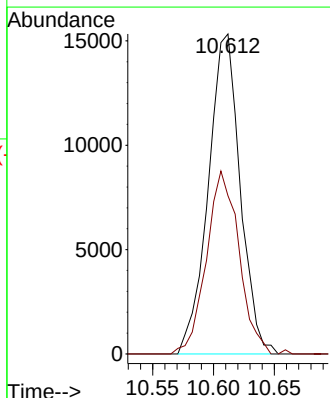
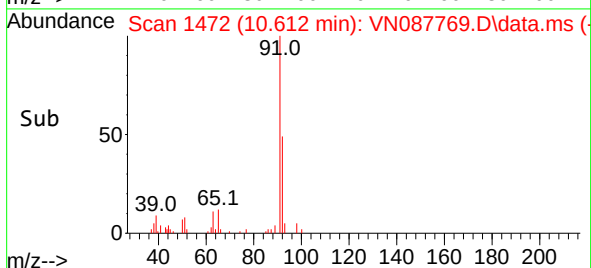
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025

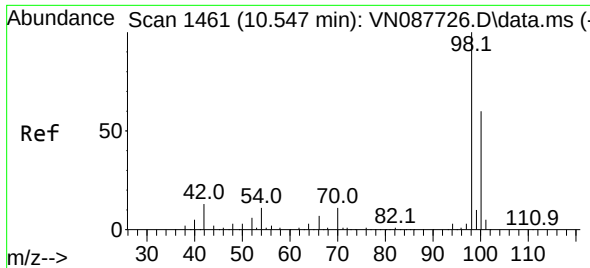


#62
Toluene
Concen: 2.092 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VN087769.D
Acq: 09 Sep 2025 12:02



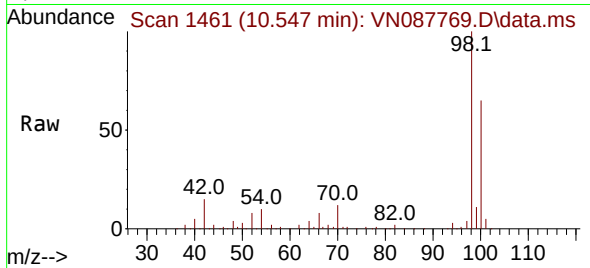
Tgt Ion: 91 Resp: 28002
Ion Ratio Lower Upper
91 100
92 58.2 45.4 68.0





#63
Toluene-d8
Concen: 28.823 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087769.D
Acq: 09 Sep 2025 12:02

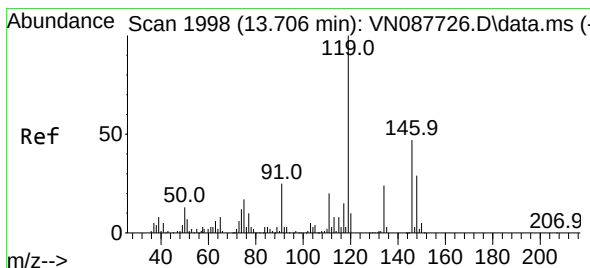
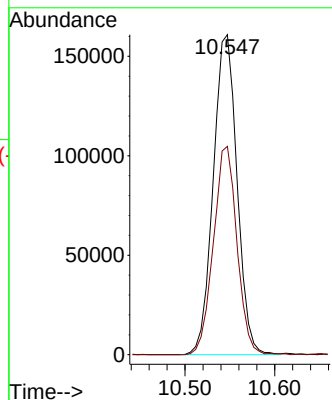
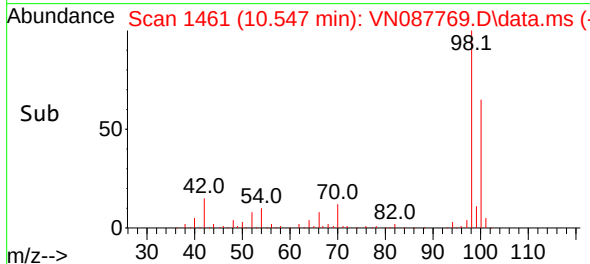
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave (JULY)



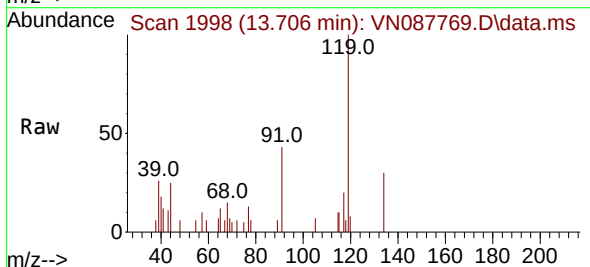
Tgt Ion: 98 Resp: 29658
Ion Ratio Lower Upper
98 100
100 64.1 50.6 76.0

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



#82
p-Isopropyltoluene
Concen: 0.437 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. 0.000 min
Lab File: VN087769.D
Acq: 09 Sep 2025 12:02



Tgt Ion:119 Resp: 4936
Ion Ratio Lower Upper
119 100
134 25.4 0.0 49.4
91 39.7 0.0 52.2

