

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072225\
 Data File : VN087395.D
 Acq On : 22 Jul 2025 17:28
 Operator : JC\MD
 Sample : Q2669-01DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 001 WILLETS PT BLVD (JUNE)DL

Quant Time: Jul 23 05:58:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 25 10:49:56 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/23/2025
 Supervised By :Semsettin Yesilyurt 07/23/2025

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

Internal Standards						
1) Bromochloromethane	7.800	128	14462	30.000	ug/l	-0.02
28) 1,4-Difluorobenzene	9.083	114	67398	30.000	ug/l	-0.02
57) Chlorobenzene-d5	11.847	117	62271	30.000	ug/l	-0.02
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	38786	35.595	ug/l	-0.02
Spiked Amount	30.000	Range	91 - 110	Recovery	=	118.667%#
60) 4-Bromofluorobenzene	12.829	95	25397	26.430	ug/l	-0.02
Spiked Amount	30.000	Range	63 - 112	Recovery	=	88.100%
63) Toluene-d8	10.547	98	78400	28.040	ug/l	-0.02
Spiked Amount	30.000	Range	91 - 112	Recovery	=	93.467%
Target Compounds						
						Qvalue
15) Acetone	4.430	58	5821m	31.134	ug/l	
62) Toluene	10.612	91	216530	61.567	ug/l	97
82) p-Isopropyltoluene	13.712	119	2669	0.920	ug/l	90

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

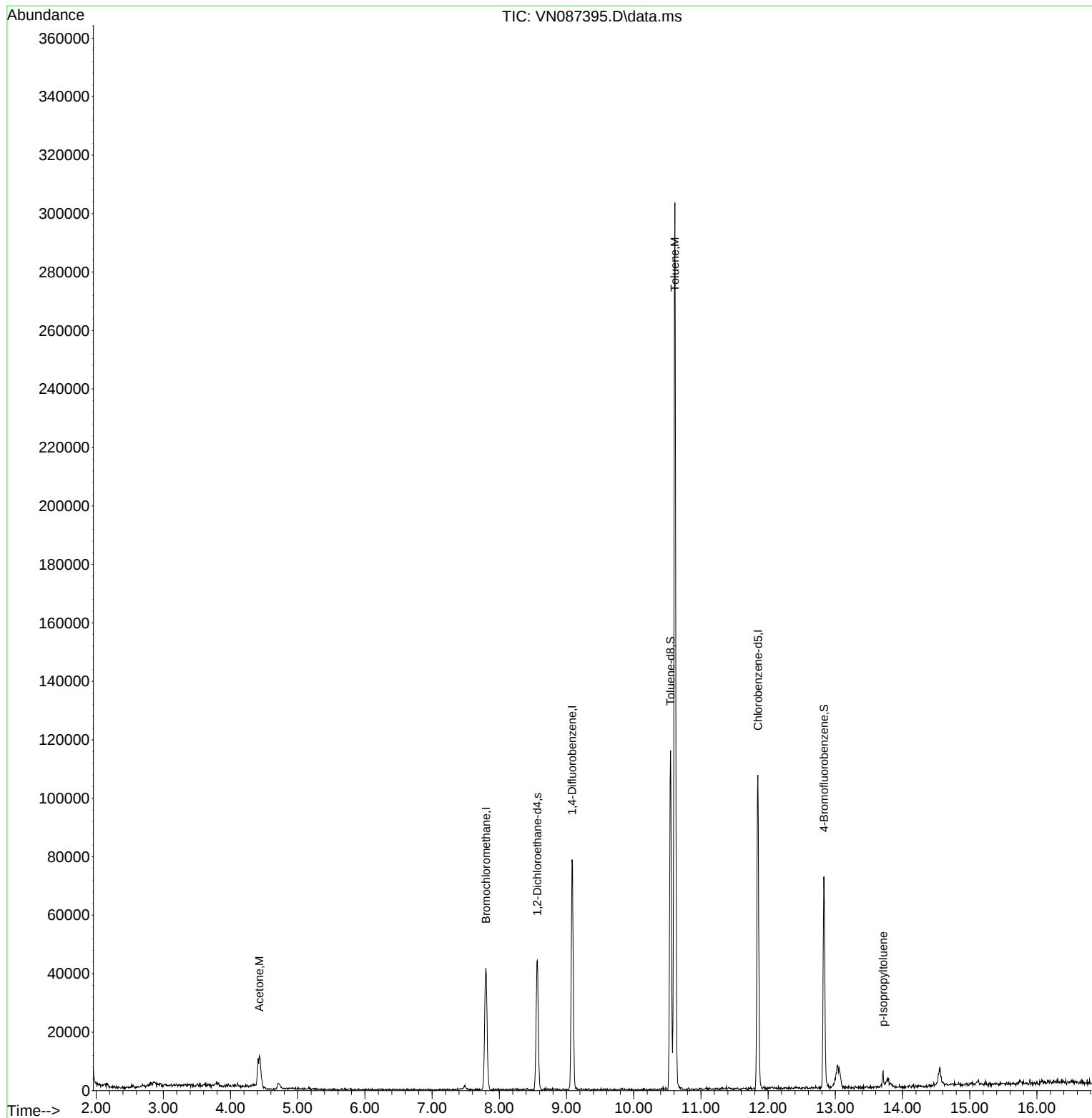
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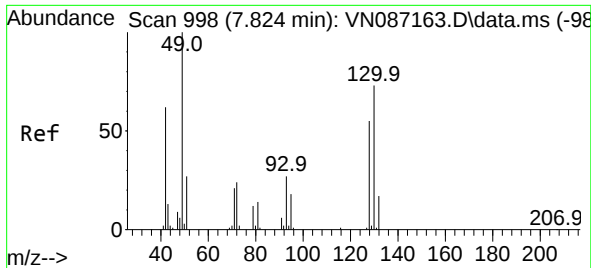
Instrument :
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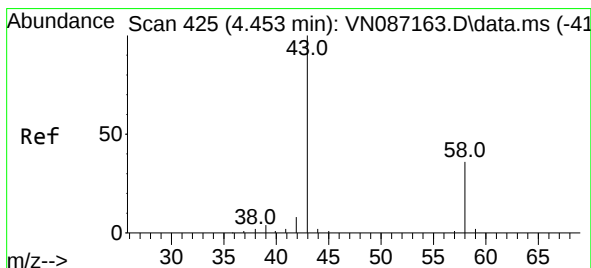
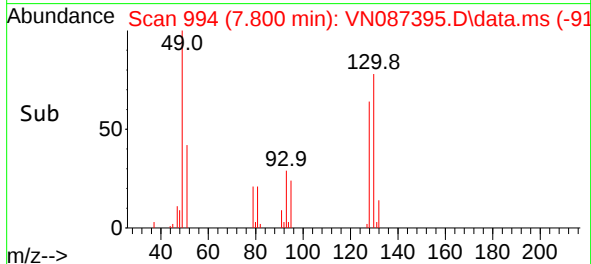
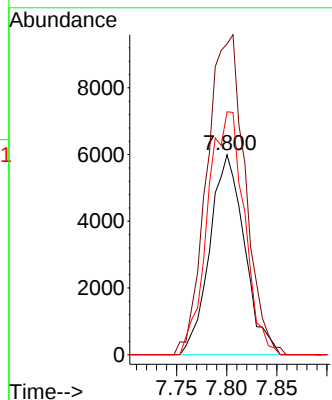
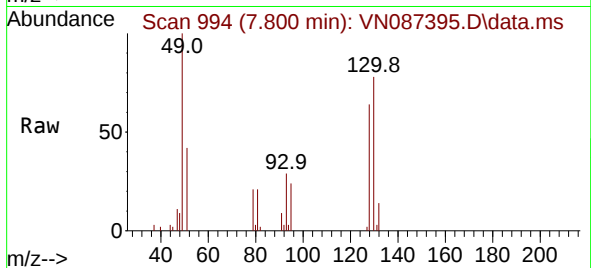
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 998
Delta R.T. -0.024 min
Lab File: VN087395.D
Acq: 22 Jul 2025 17:28

Instrument :
MSVOA_N
ClientSampleId :
001 WILLETS PT BLVD (JUNE)DL

Tgt Ion:128 Resp: 1446
Ion Ratio Lower Upper
128 100
49 176.3 0.0 450.5
130 127.9 0.0 320.7

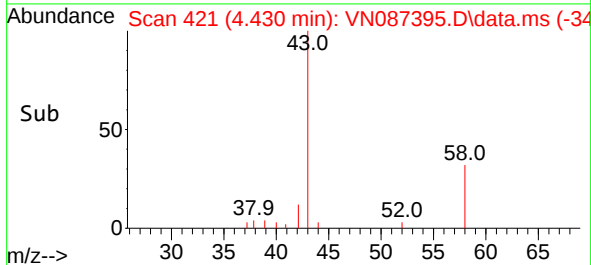
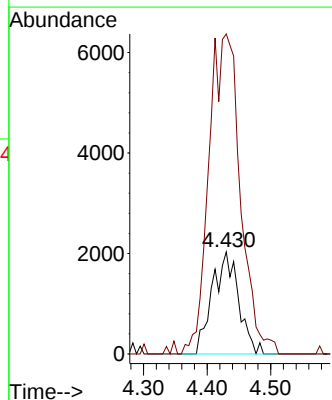
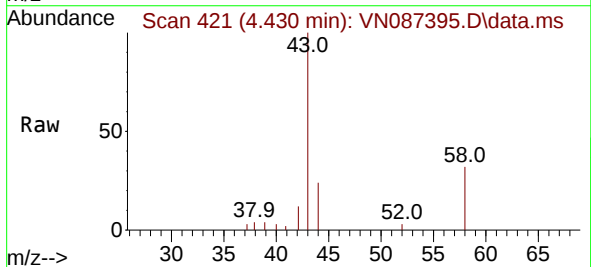
Manual Integrations
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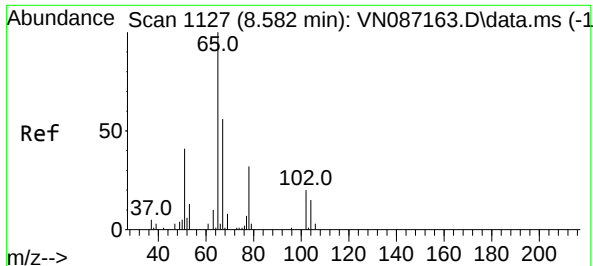
Reviewed By :Mahesh Dadoda 07/23/2025
Supervised By :Semsettin Yesilyurt 07/23/2025



#15
Acetone
Concen: 31.134 ug/l m
RT: 4.430 min Scan# 421
Delta R.T. -0.023 min
Lab File: VN087395.D
Acq: 22 Jul 2025 17:28

Tgt Ion: 58 Resp: 5821
Ion Ratio Lower Upper
58 100
43 313.7 224.3 336.5





#27

1,2-Dichloroethane-d4

Concen: 35.595 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. -0.017 min

Lab File: VN087395.D

Acq: 22 Jul 2025 17:28

Instrument :

MSVOA_N

ClientSampleId :

001 WILLETS PT BLVD (JUNE)DL

Tgt Ion: 65 Resp: 3878

Ion Ratio Lower Upper

65 100

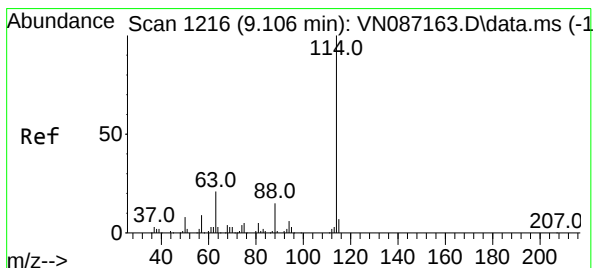
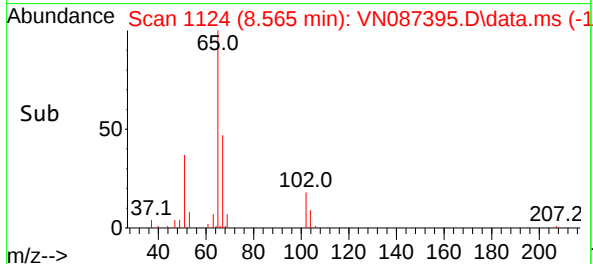
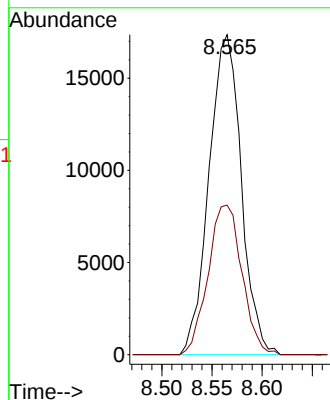
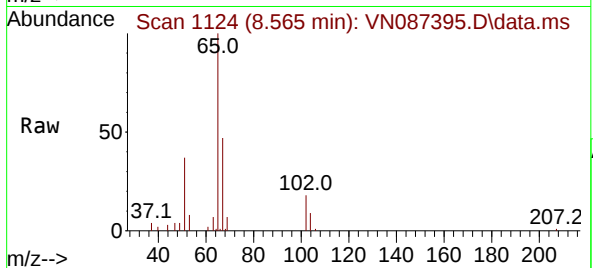
67 49.1 41.9 62.9

Manual Integrations

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. -0.023 min

Lab File: VN087395.D

Acq: 22 Jul 2025 17:28

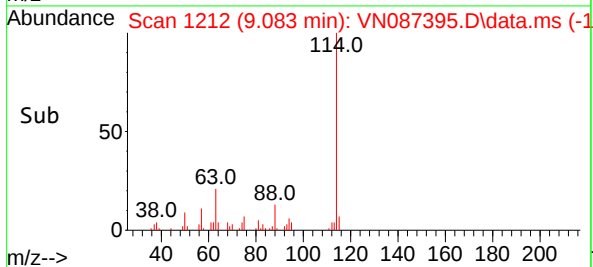
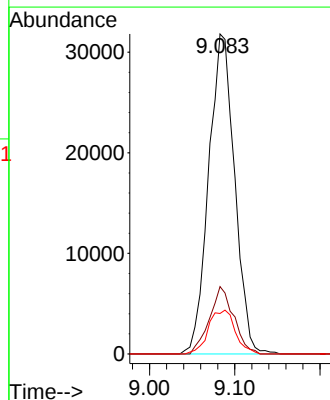
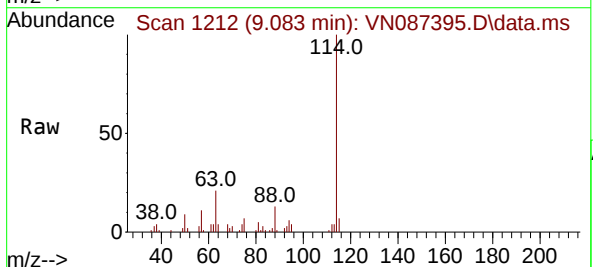
Tgt Ion:114 Resp: 67398

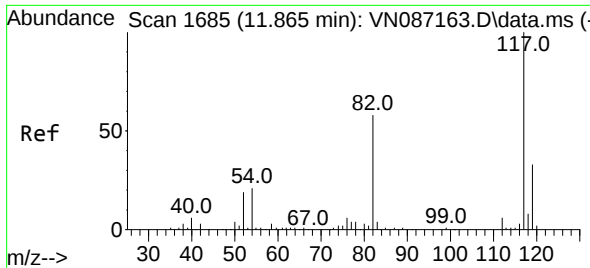
Ion Ratio Lower Upper

114 100

63 19.7 17.0 25.4

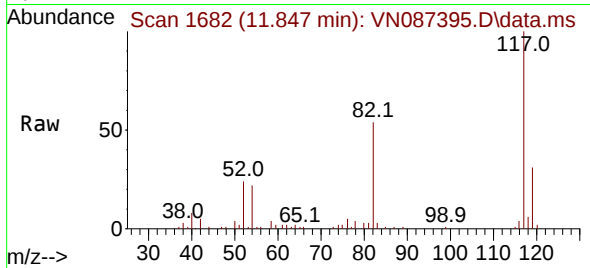
88 14.1 12.6 19.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1184
Delta R.T. -0.018 min
Lab File: VN087395.D
Acq: 22 Jul 2025 17:28

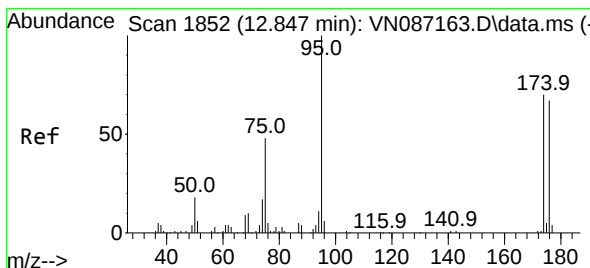
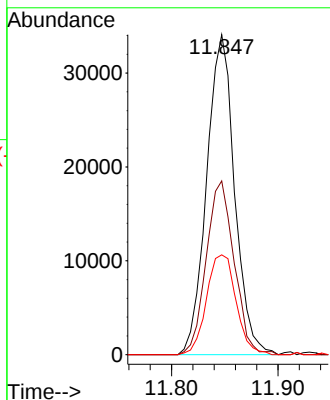
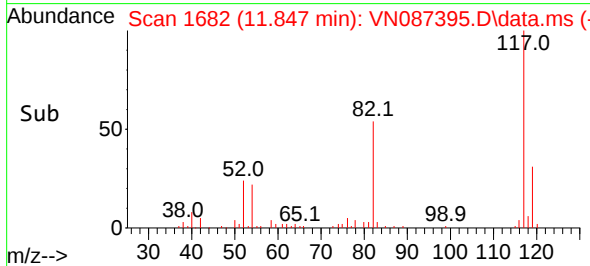
Instrument : MSVOA_N
ClientSampleId : 001 WILLETS PT BLVD (JUNE)DL



Tgt Ion:117 Resp: 6227
Ion Ratio Lower Upper
117 100
82 53.7 45.4 68.2
119 32.9 26.2 39.4

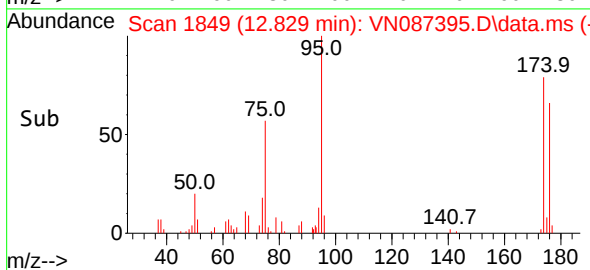
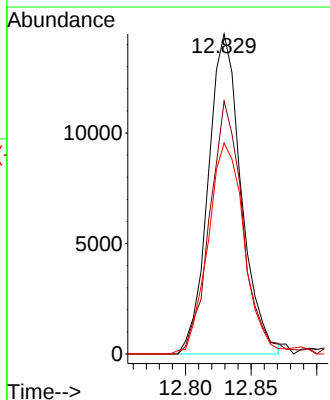
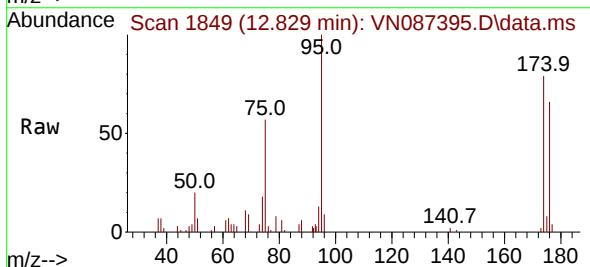
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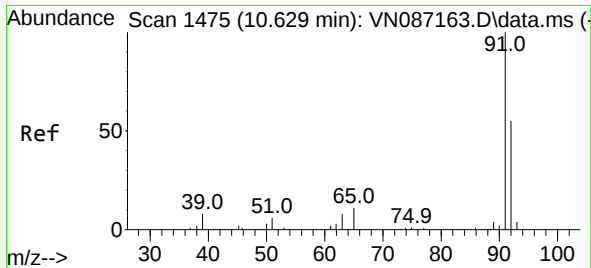
Reviewed By :Mahesh Dadoda 07/23/2025
Supervised By :Semsettin Yesilyurt 07/23/2025



#60
4-Bromofluorobenzene
Concen: 26.430 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.017 min
Lab File: VN087395.D
Acq: 22 Jul 2025 17:28

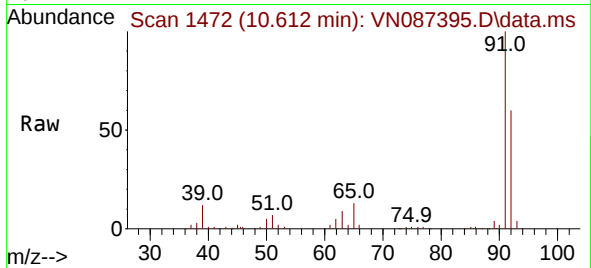
Tgt Ion: 95 Resp: 25397
Ion Ratio Lower Upper
95 100
174 79.2 54.5 81.7
176 71.9 51.9 77.9





#62
Toluene
Concen: 61.567 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.017 min
Lab File: VN087395.D
Acq: 22 Jul 2025 17:28

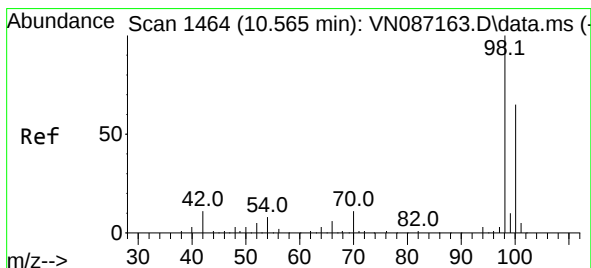
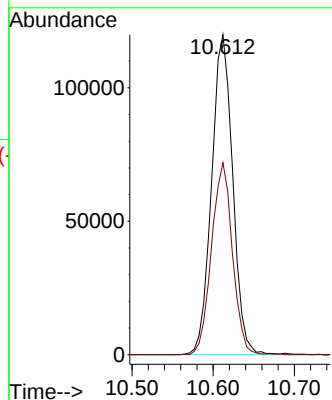
Instrument : MSVOA_N
ClientSampleId : 001 WILLETS PT BLVD (JUNE)DL



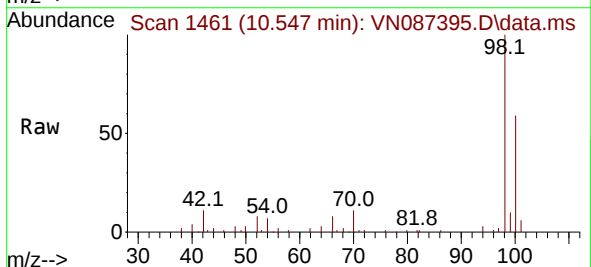
Tgt Ion: 91 Resp: 216530
Ion Ratio Lower Upper
91 100
92 59.3 45.8 68.8

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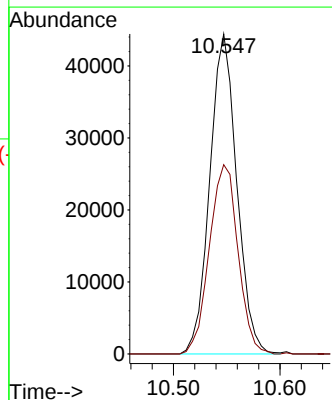
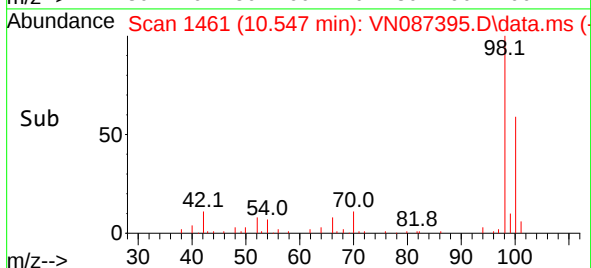
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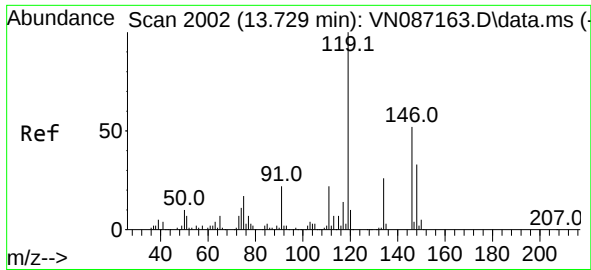


#63
Toluene-d8
Concen: 28.040 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.018 min
Lab File: VN087395.D
Acq: 22 Jul 2025 17:28



Tgt Ion: 98 Resp: 78400
Ion Ratio Lower Upper
98 100
100 62.7 52.5 78.7





#82

p-Isopropyltoluene

Concen: 0.920 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. -0.018 min

Lab File: VN087395.D

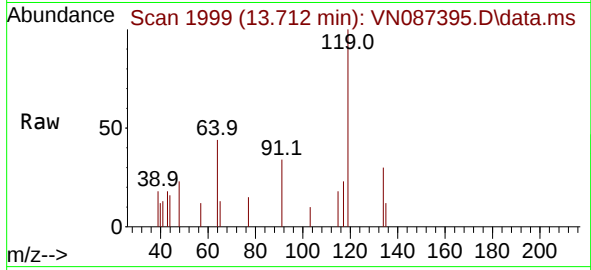
Acq: 22 Jul 2025 17:28

Instrument :

MSVOA_N

ClientSampleId :

001 WILLETS PT BLVD (JUNE)DL



Tgt Ion	Ratio	Lower	Upper
119	100		
134	18.2	0.0	51.2
91	21.1	0.0	46.4

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