

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051225\
 Data File : VN086588.D
 Acq On : 12 May 2025 18:06
 Operator : JC\MD
 Sample : PB167932ZHE#13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167932ZHE#13

Quant Time: May 13 01:57:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda
 05/13/2025

Supervised By :Semsettin
 Yesilyurt
 05/13/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	157662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	300760	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	295000	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	125423	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	112989	49.421	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 98.840%			
35) Dibromofluoromethane	8.165	113	88245	63.219	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 126.440%#			
50) Toluene-d8	10.565	98	385105	51.621	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.240%			
62) 4-Bromofluorobenzene	12.847	95	137505	50.534	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.060%			
Target Compounds					Qvalue	
16) Acetone	4.436	43	21941	22.566	ug/l	99
20) Methylene Chloride	5.271	84	4180	1.978	ug/l	87
43) Isopropyl Acetate	8.688	43	28640m	3.639	ug/l	

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

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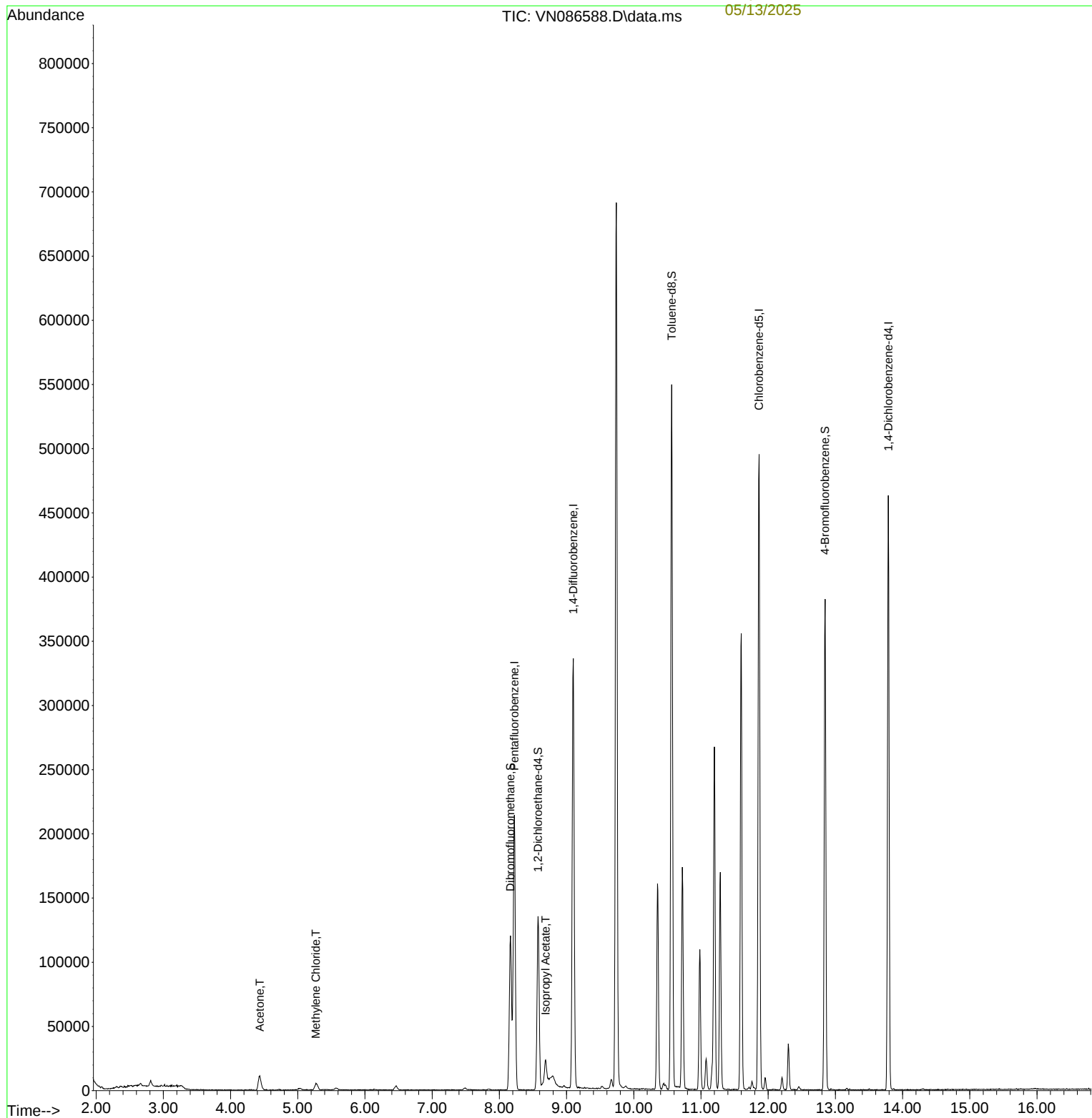
Instrument :
MSVOA_N
ClientSampleId :
PB167932ZHE#13

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
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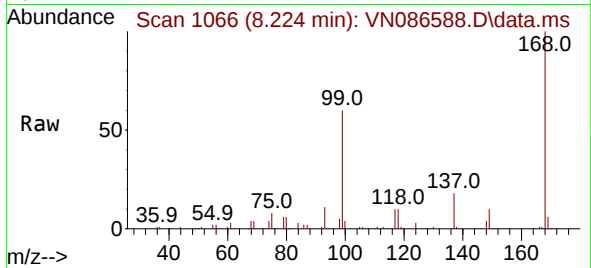
Supervised By :Semsettin
Yesilyurt
05/13/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086588.D
Acq: 12 May 2025 18:06

Instrument :
MSVOA_N
ClientSampleId :
PB167932ZHE#13

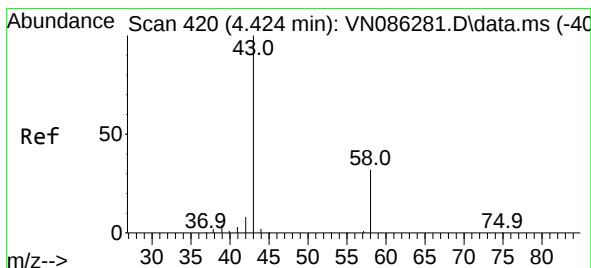
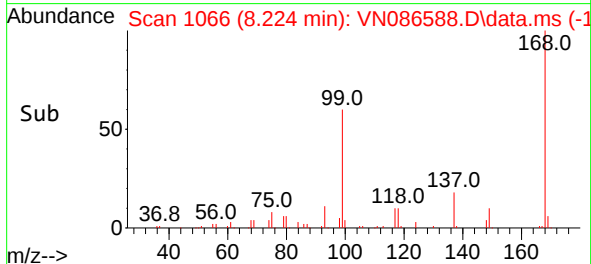
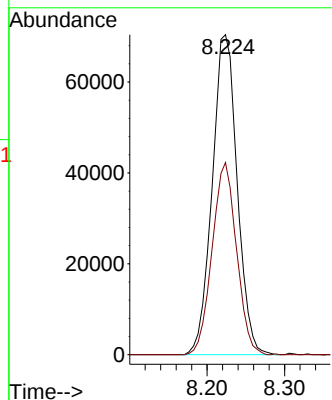


Tgt Ion:168 Resp: 157662
Ion Ratio Lower Upper
168 100
99 60.0 52.5 78.7

Manual Integrations
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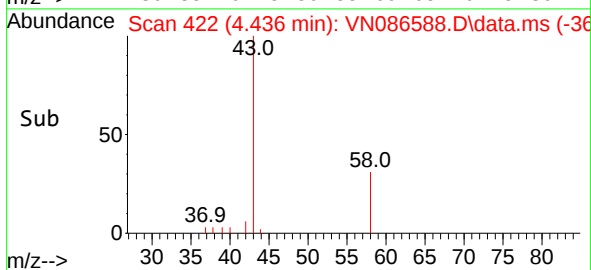
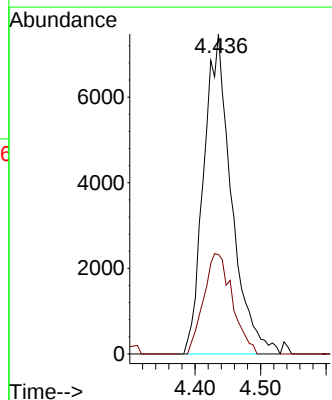
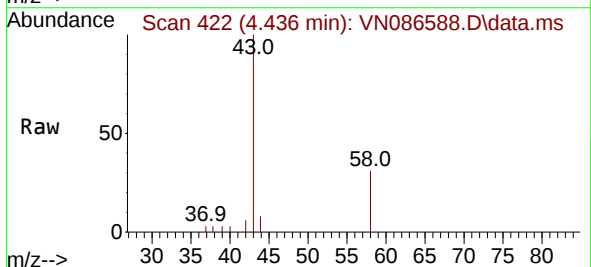
Reviewed By :Mahesh
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05/13/2025

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Yesilyurt
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#16
Acetone
Concen: 22.566 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN086588.D
Acq: 12 May 2025 18:06

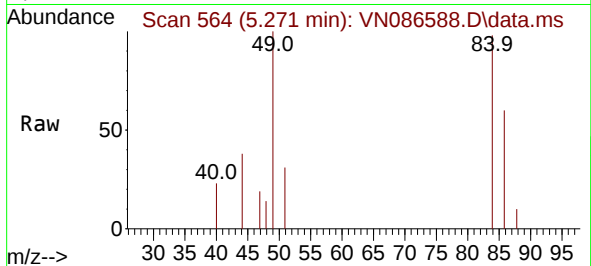
Tgt Ion: 43 Resp: 21941
Ion Ratio Lower Upper
43 100
58 31.1 25.3 37.9





#20
Methylene Chloride
Concen: 1.978 ug/l
RT: 5.271 min Scan# 50
Delta R.T. -0.000 min
Lab File: VN086588.D
Acq: 12 May 2025 18:06

Instrument :
MSVOA_N
ClientSampleId :
PB167932ZHE#13

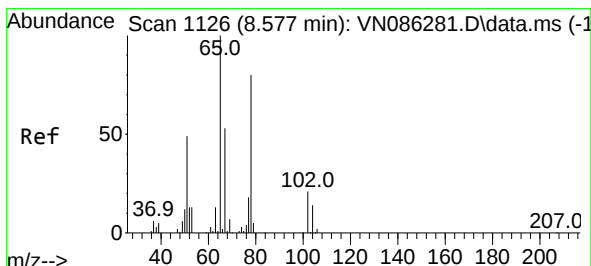
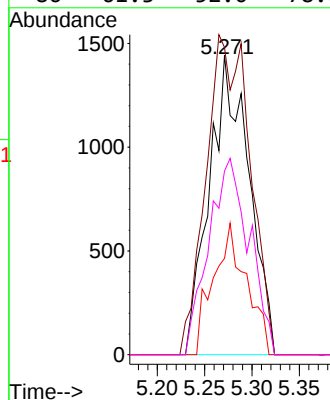


Tgt Ion: 84 Resp: 4180
Ion Ratio Lower Upper
84 100
49 102.5 98.2 147.2
51 32.1 29.8 44.6
86 61.3 52.0 78.0

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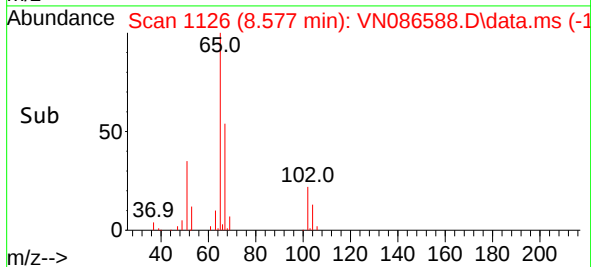
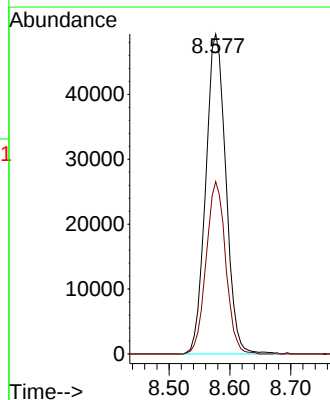
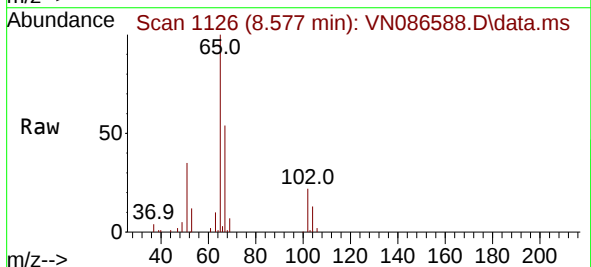
Reviewed By :Mahesh
Dadoda
05/13/2025

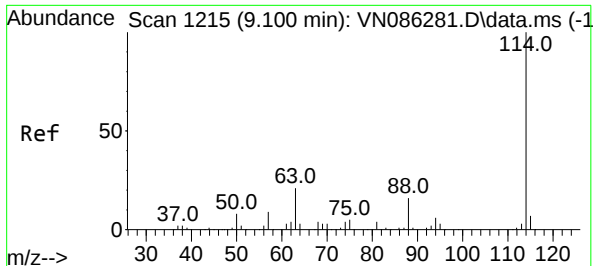
Supervised By :Semsettin
Yesilyurt
05/13/2025



#33
1,2-Dichloroethane-d4
Concen: 49.421 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086588.D
Acq: 12 May 2025 18:06

Tgt Ion: 65 Resp: 112989
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086588.D

Acq: 12 May 2025 18:06

Instrument :

MSVOA_N

ClientSampleId :

PB167932ZHE#13

Tgt Ion:114 Resp: 300760

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	42.6
88	15.6	0.0	31.8

Manual Integrations

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Reviewed By :Mahesh

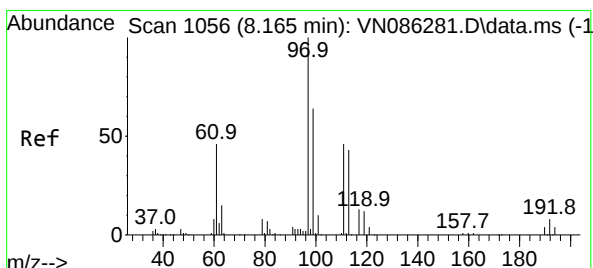
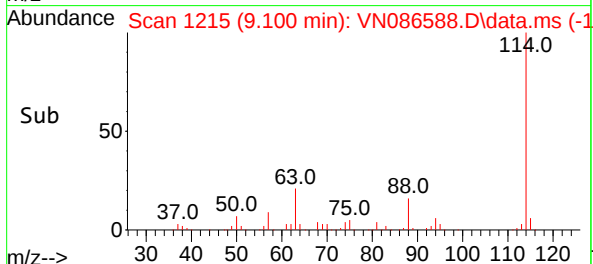
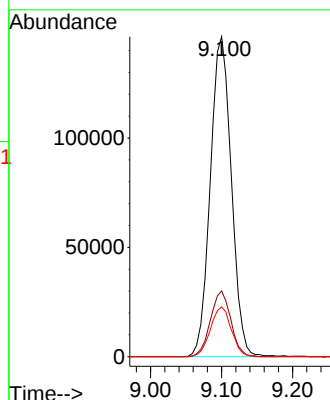
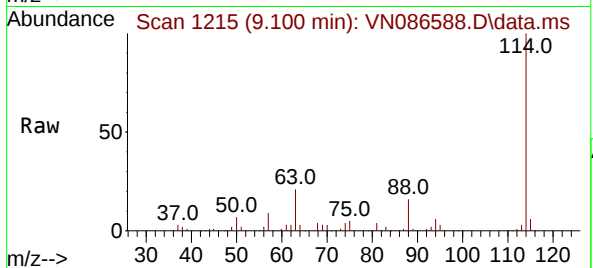
Dadoda

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Supervised By :Semsettin

Yesilyurt

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#35

Dibromofluoromethane

Concen: 63.219 ug/l

RT: 8.165 min Scan# 1056

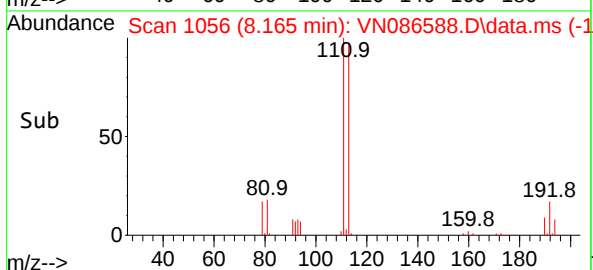
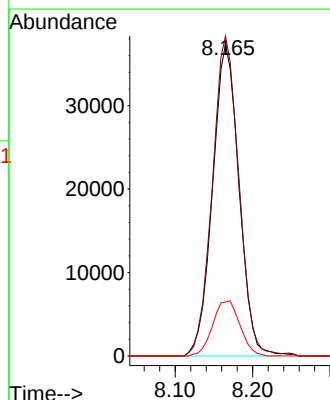
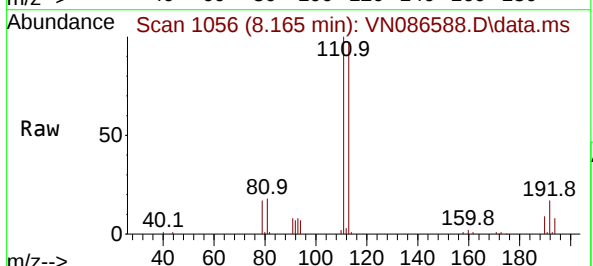
Delta R.T. -0.000 min

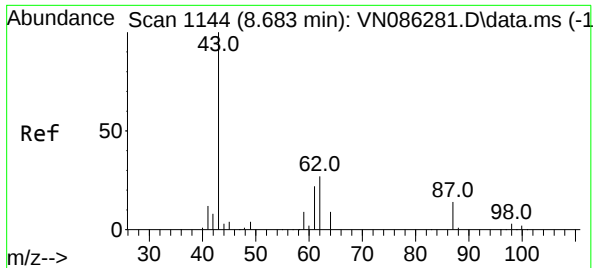
Lab File: VN086588.D

Acq: 12 May 2025 18:06

Tgt Ion:113 Resp: 88245

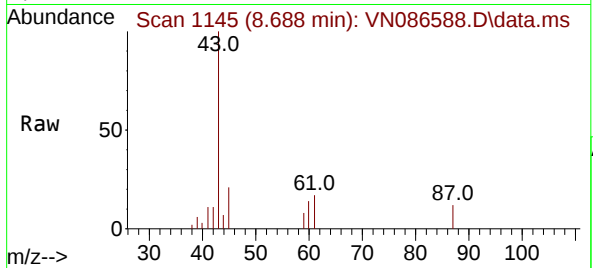
Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.4	125.0
192	18.4	13.7	20.5





#43
Isopropyl Acetate
Concen: 3.639 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN086588.D
Acq: 12 May 2025 18:06

Instrument :
MSVOA_N
ClientSampleId :
PB167932ZHE#13

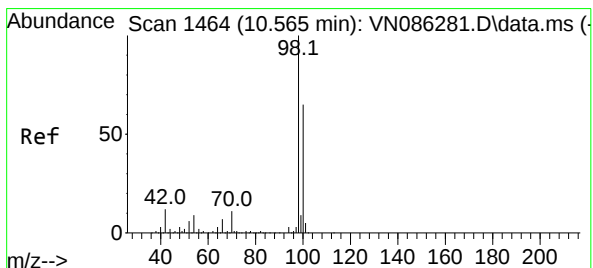
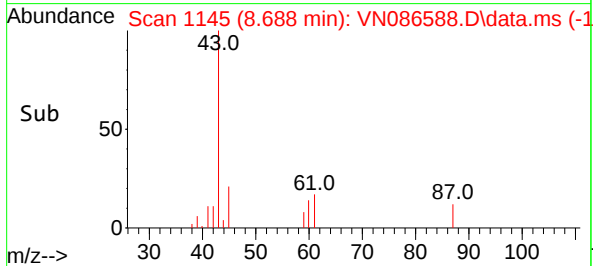
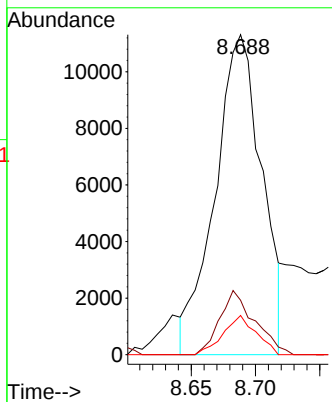


Tgt Ion: 43 Resp: 28640
Ion Ratio Lower Upper
43 100
61 15.1 20.5 30.7
87 8.6 10.5 15.7

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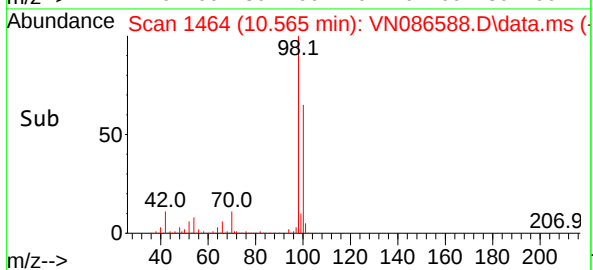
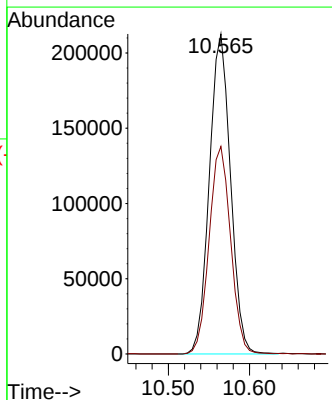
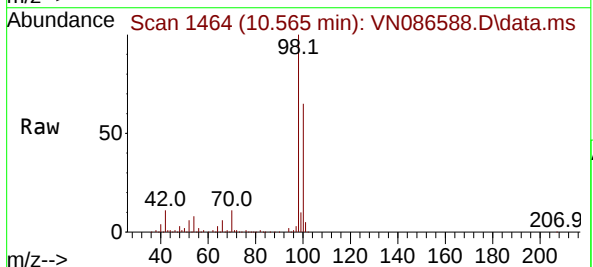
Reviewed By :Mahesh
Dadoda
05/13/2025

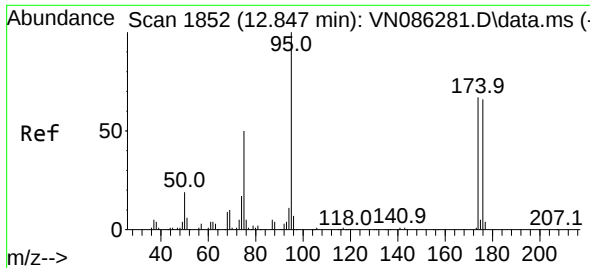
Supervised By :Semsettin
Yesilyurt
05/13/2025



#50
Toluene-d8
Concen: 51.621 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086588.D
Acq: 12 May 2025 18:06

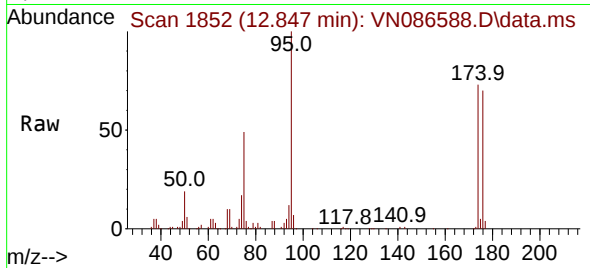
Tgt Ion: 98 Resp: 385105
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7





#62
4-Bromofluorobenzene
Concen: 50.534 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086588.D
Acq: 12 May 2025 18:06

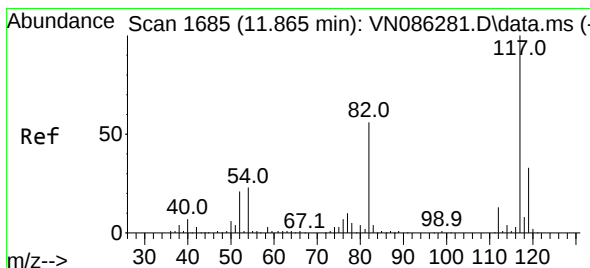
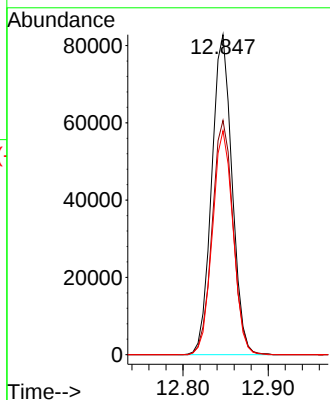
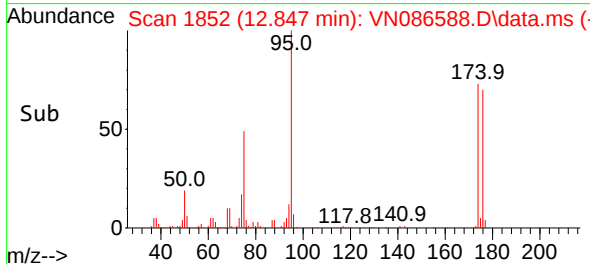
Instrument :
MSVOA_N
ClientSampleId :
PB167932ZHE#13



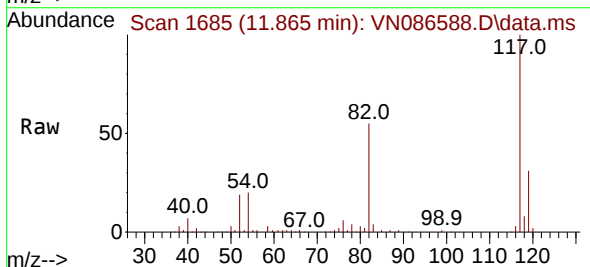
Tgt Ion: 95 Resp: 137500
Ion Ratio Lower Upper
95 100
174 75.1 0.0 133.4
176 71.0 0.0 129.2

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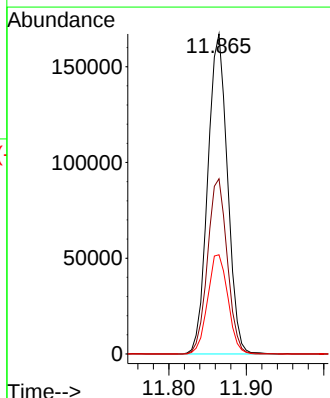
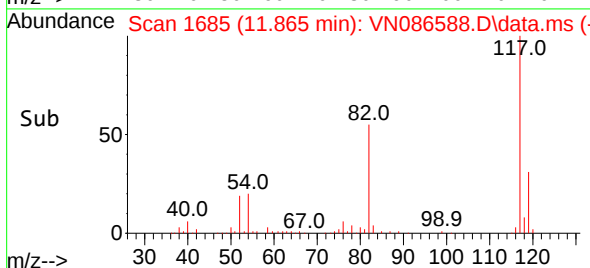
Reviewed By :Mahesh Dadoda 05/13/2025
Supervised By :Semsettin Yesilyurt 05/13/2025

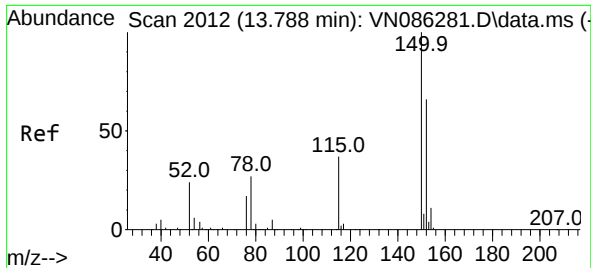


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086588.D
Acq: 12 May 2025 18:06



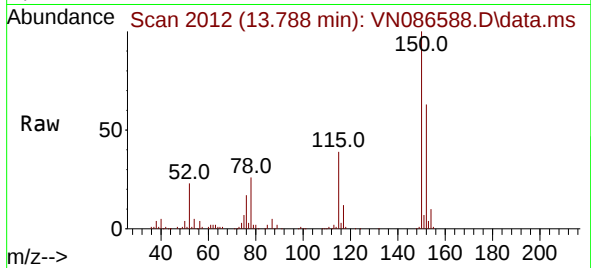
Tgt Ion:117 Resp: 295000
Ion Ratio Lower Upper
117 100
82 54.8 44.7 67.1
119 31.0 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086588.D
 Acq: 12 May 2025 18:06

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167932ZHE#13



Tgt Ion:152 Resp: 12542
 Ion Ratio Lower Upper
 152 100
 115 60.5 31.9 95.9
 150 159.4 0.0 352.0

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