

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051225\
 Data File : VN086587.D
 Acq On : 12 May 2025 17:42
 Operator : JC\MD
 Sample : PB167932ZHE#12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167932ZHE#12

Manual Integrations
 APPROVED

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

Quant Time: May 13 01:56:30 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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	164520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	314436	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	306123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	119869	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	115948	48.602	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.200%		
35) Dibromofluoromethane	8.165	113	91257	62.533	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	125.060%#		
50) Toluene-d8	10.565	98	405865	52.038	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.080%		
62) 4-Bromofluorobenzene	12.847	95	140433	49.365	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.740%		
Target Compounds					Qvalue	
16) Acetone	4.430	43	23529	23.352	ug/l	99
20) Methylene Chloride	5.277	84	5565	2.523	ug/l	89
43) Isopropyl Acetate	8.688	43	30494m	3.740	ug/l	

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

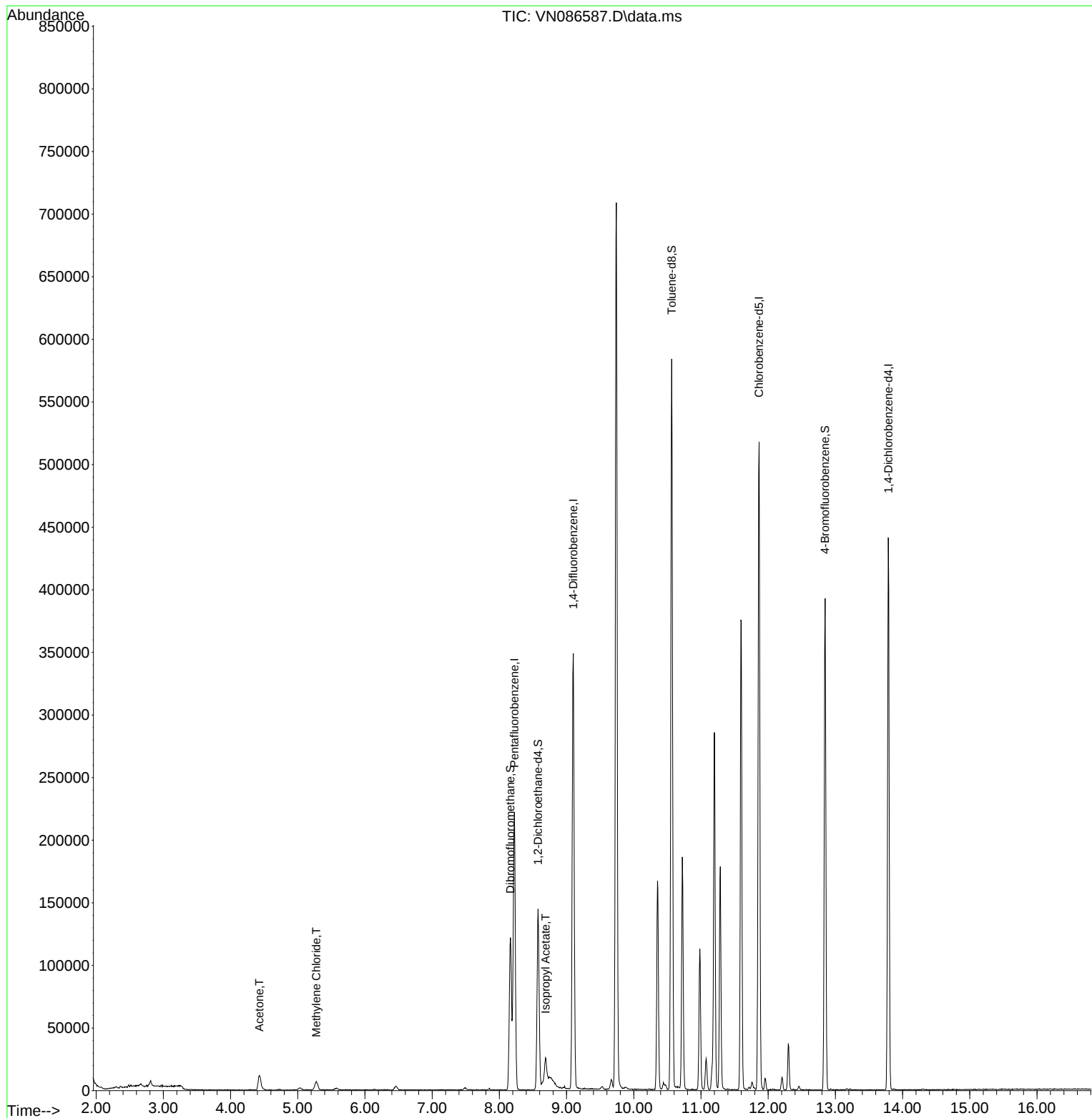
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051225\
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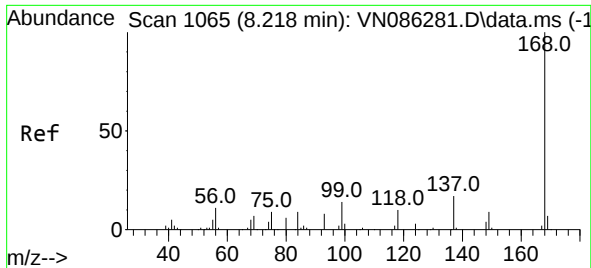
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Quant Time: May 13 01:56:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
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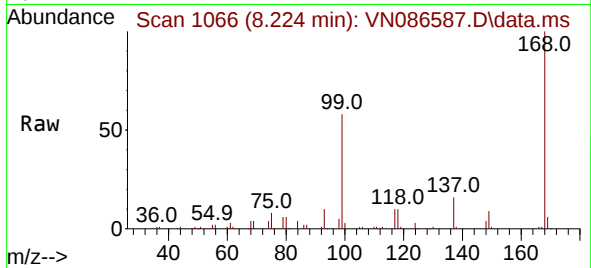
Reviewed By :Mahesh Dadoda 05/13/2025
Supervised By :Semsettin Yesilyurt 05/13/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086587.D
Acq: 12 May 2025 17:42

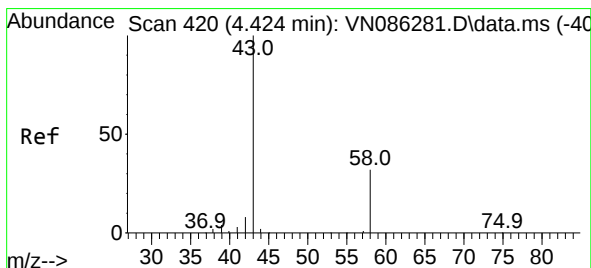
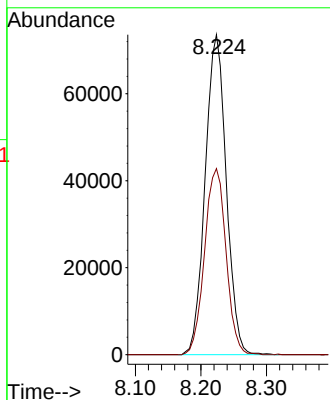
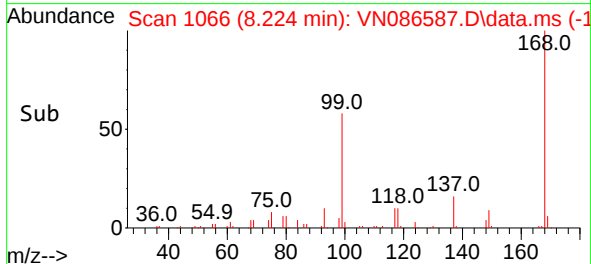
Instrument :
MSVOA_N
ClientSampleId :
PB167932ZHE#12



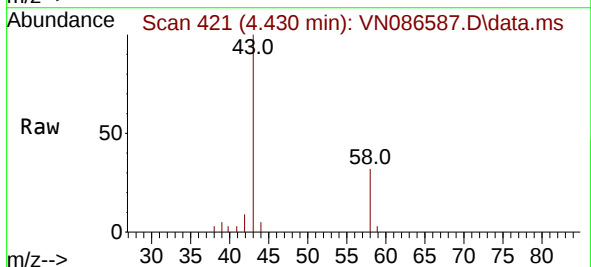
Tgt Ion:168 Resp: 164520
Ion Ratio Lower Upper
168 100
99 58.1 52.5 78.7

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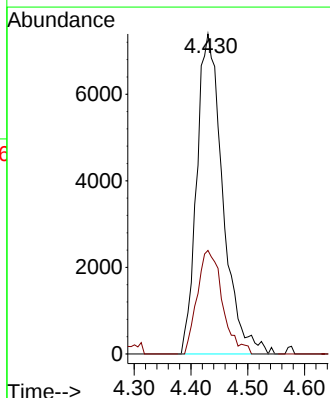
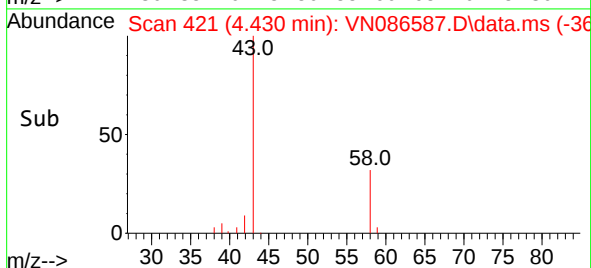
Reviewed By :Mahesh Dadoda 05/13/2025
Supervised By :Semsettin Yesilyurt 05/13/2025

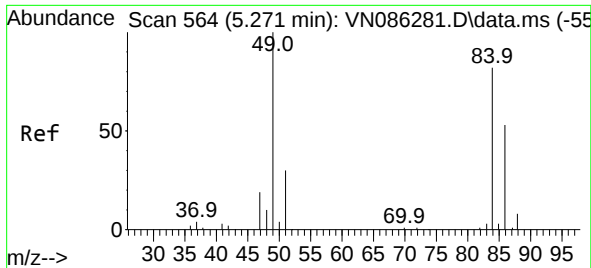


#16
Acetone
Concen: 23.352 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086587.D
Acq: 12 May 2025 17:42



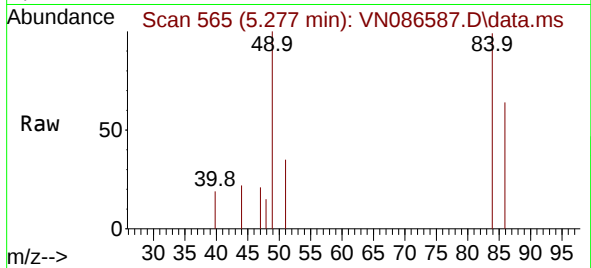
Tgt Ion: 43 Resp: 23529
Ion Ratio Lower Upper
43 100
58 32.4 25.3 37.9





#20
Methylene Chloride
Concen: 2.523 ug/l
RT: 5.277 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN086587.D
Acq: 12 May 2025 17:42

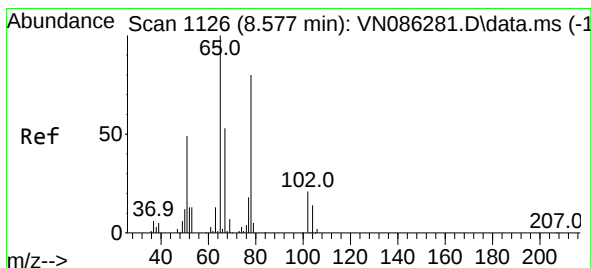
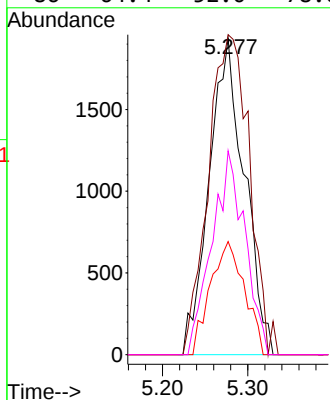
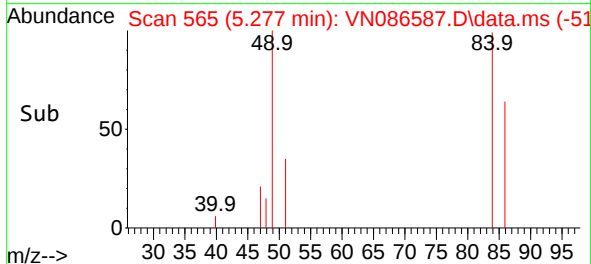
Instrument :
MSVOA_N
ClientSampleId :
PB167932ZHE#12



Tgt Ion: 84 Resp: 556
Ion Ratio Lower Upper
84 100
49 101.2 98.2 147.2
51 35.8 29.8 44.6
86 64.4 52.0 78.0

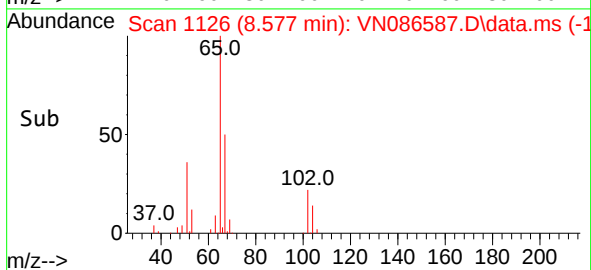
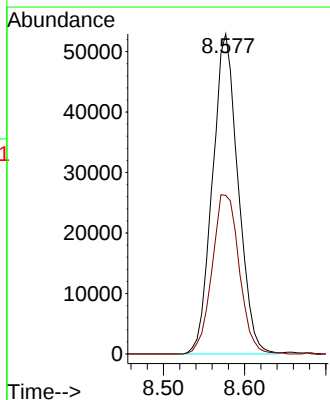
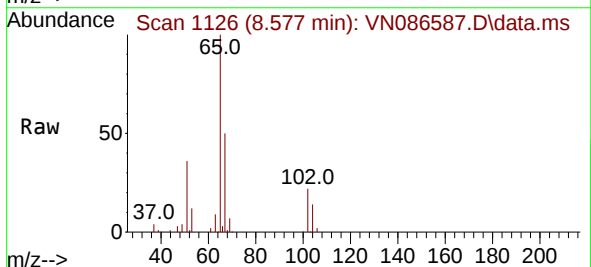
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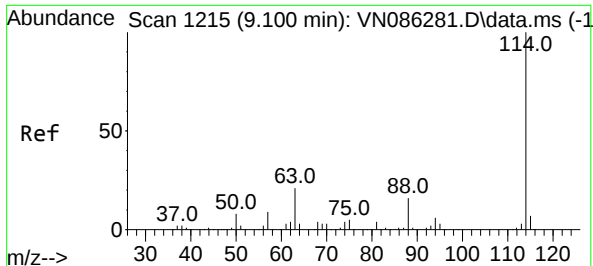
Reviewed By :Mahesh Dadoda 05/13/2025
Supervised By :Semsettin Yesilyurt 05/13/2025



#33
1,2-Dichloroethane-d4
Concen: 48.602 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086587.D
Acq: 12 May 2025 17:42

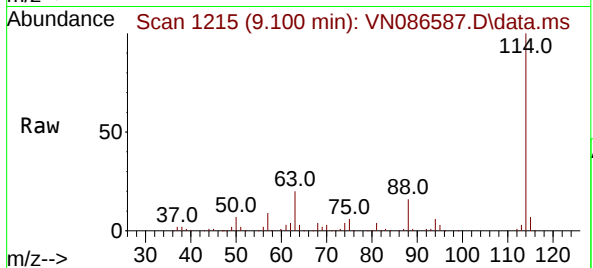
Tgt Ion: 65 Resp: 115948
Ion Ratio Lower Upper
65 100
67 52.9 0.0 106.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. -0.000 min
Lab File: VN086587.D
Acq: 12 May 2025 17:42

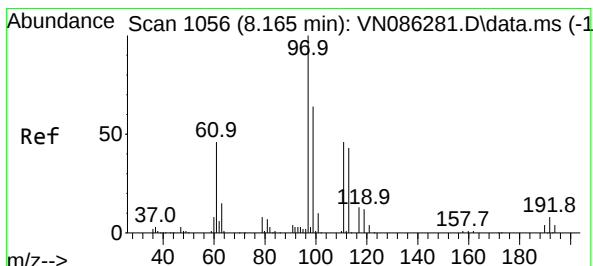
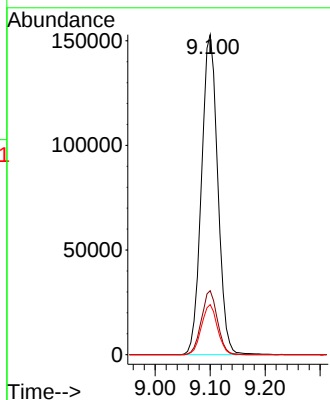
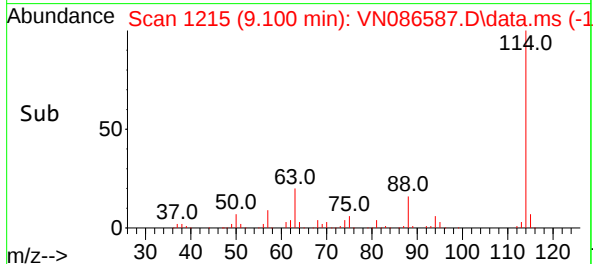
Instrument :
MSVOA_N
ClientSampleId :
PB167932ZHE#12



Tgt Ion:114 Resp: 314430
Ion Ratio Lower Upper
114 100
63 20.0 0.0 42.6
88 15.6 0.0 31.8

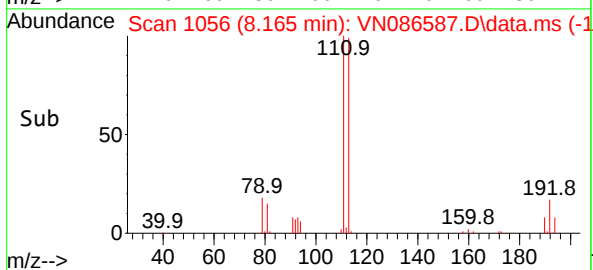
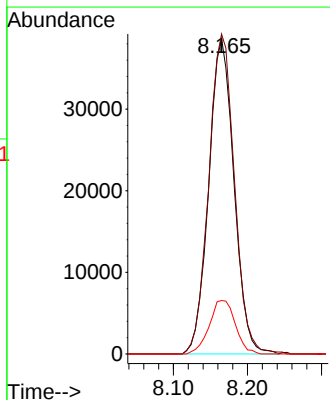
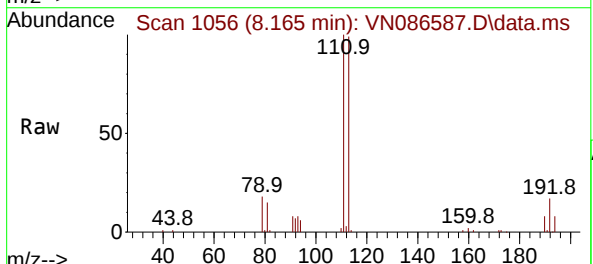
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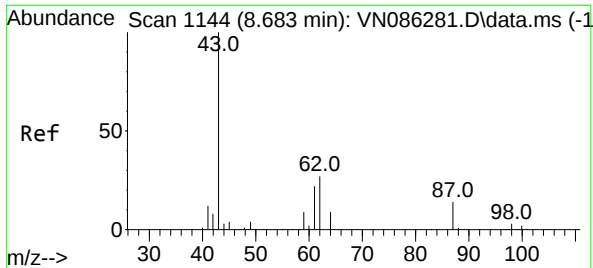
Reviewed By :Mahesh Dadoda 05/13/2025
Supervised By :Semsettin Yesilyurt 05/13/2025



#35
Dibromofluoromethane
Concen: 62.533 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086587.D
Acq: 12 May 2025 17:42

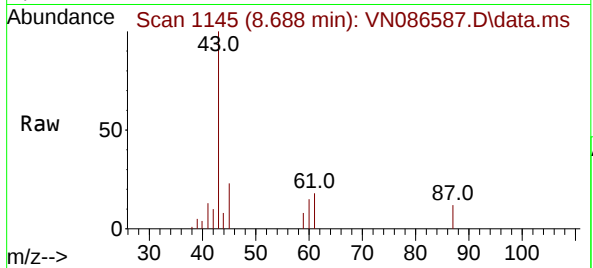
Tgt Ion:113 Resp: 91257
Ion Ratio Lower Upper
113 100
111 103.3 83.4 125.0
192 17.6 13.7 20.5





#43
Isopropyl Acetate
Concen: 3.740 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN086587.D
Acq: 12 May 2025 17:42

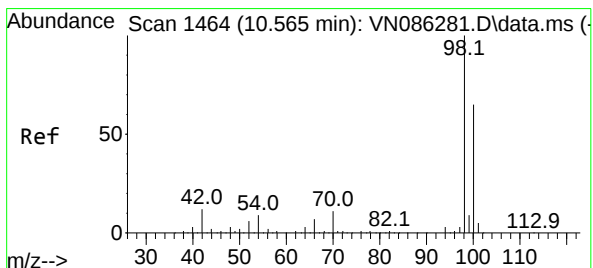
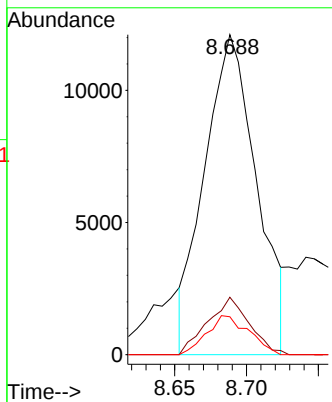
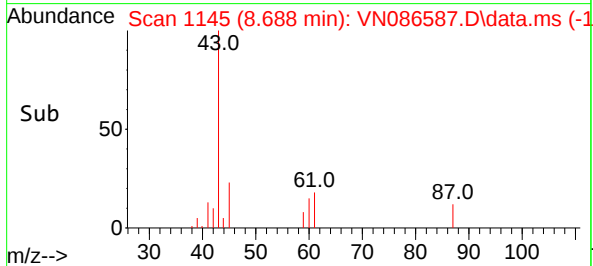
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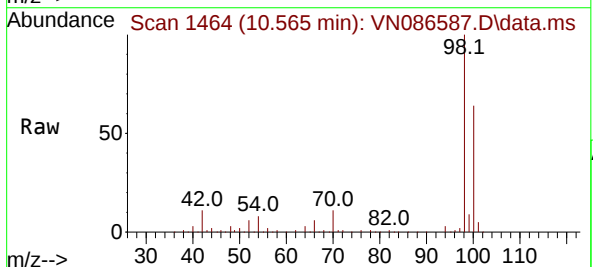
Tgt Ion: 43 Resp: 30494
Ion Ratio Lower Upper
43 100
61 14.4 20.5 30.7
87 9.8 10.5 15.7

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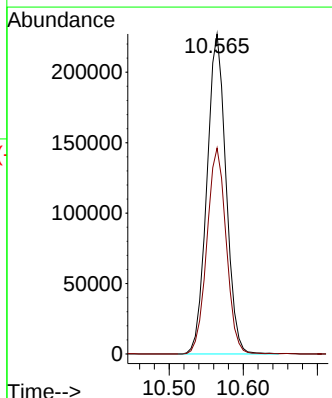
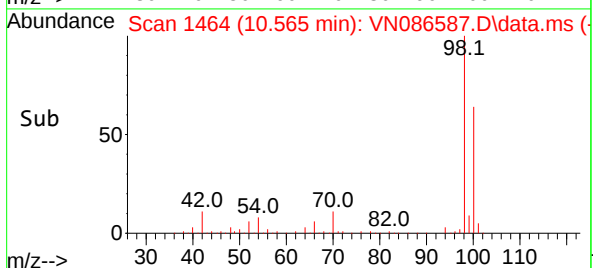
Reviewed By :Mahesh Dadoda 05/13/2025
Supervised By :Semsettin Yesilyurt 05/13/2025

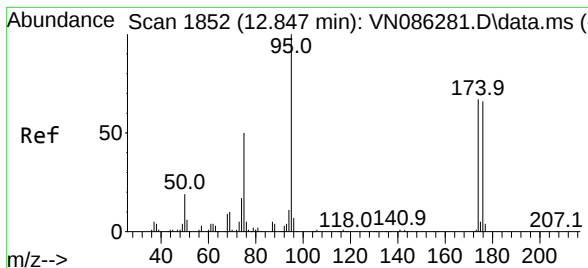


#50
Toluene-d8
Concen: 52.038 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086587.D
Acq: 12 May 2025 17:42



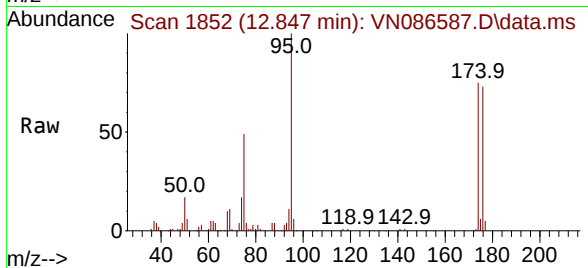
Tgt Ion: 98 Resp: 405865
Ion Ratio Lower Upper
98 100
100 65.0 52.5 78.7





#62
4-Bromofluorobenzene
Concen: 49.365 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086587.D
Acq: 12 May 2025 17:42

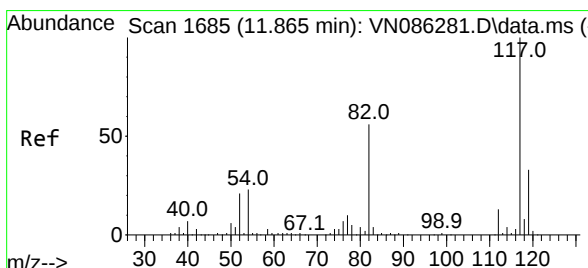
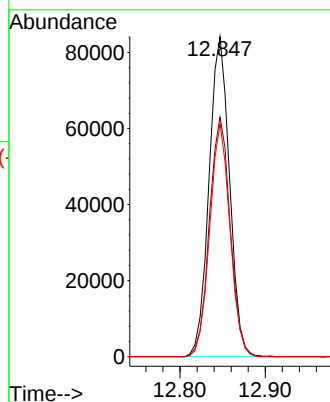
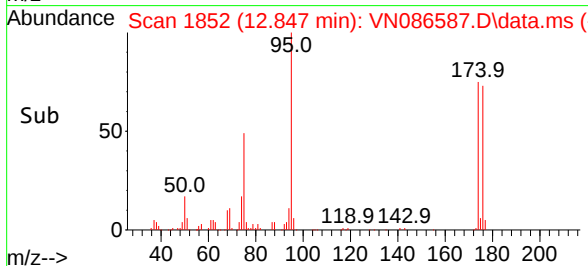
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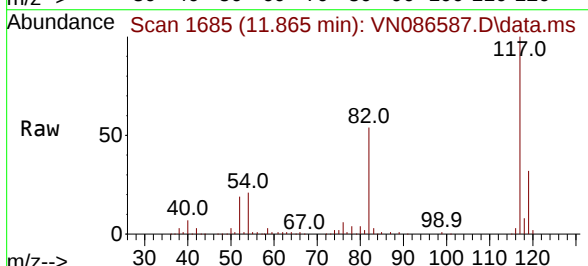
Tgt Ion: 95 Resp: 140433
Ion Ratio Lower Upper
95 100
174 75.8 0.0 133.4
176 71.7 0.0 129.2

Manual Integrations
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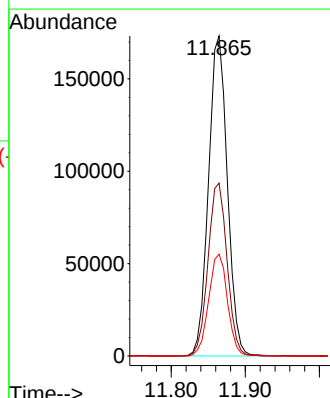
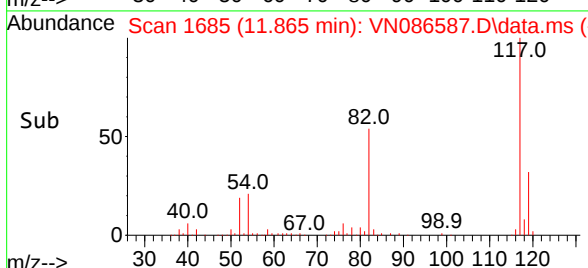
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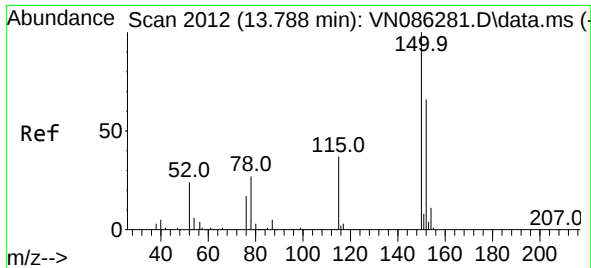


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086587.D
Acq: 12 May 2025 17:42



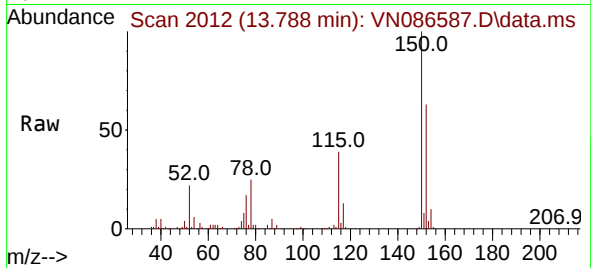
Tgt Ion:117 Resp: 306123
Ion Ratio Lower Upper
117 100
82 54.0 44.7 67.1
119 31.8 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086587.D
 Acq: 12 May 2025 17:42

Instrument :
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Tgt Ion:152 Resp: 119869
 Ion Ratio Lower Upper
 152 100
 115 61.4 31.9 95.9
 150 157.3 0.0 352.0

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