

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053025\
 Data File : VN086830.D
 Acq On : 30 May 2025 13:25
 Operator : JC\MD
 Sample : PB168191ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB168191ZHE#01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/02/2025
 Supervised By : Mahesh Dadoda 06/02/2025

Quant Time: May 31 03:46:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 30 02:22:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.806	128	14598	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.094	114	85610	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	71137	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.571	65	31011	30.919	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	103.067%		
60) 4-Bromofluorobenzene	12.847	95	32509	29.107	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	97.033%		
63) Toluene-d8	10.565	98	97706	29.924	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.733%		
Target Compounds						Qvalue
3) Chloromethane	2.377	50	24733	19.348	ug/l	90
15) Acetone	4.406	58	18023	159.992	ug/l	89
18) Methylene Chloride	5.259	84	12191	12.194	ug/l	93
30) 2-Butanone	7.471	43	6676m	12.105	ug/l	
44) Isopropyl Acetate	8.688	43	32348	16.710	ug/l #	86

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

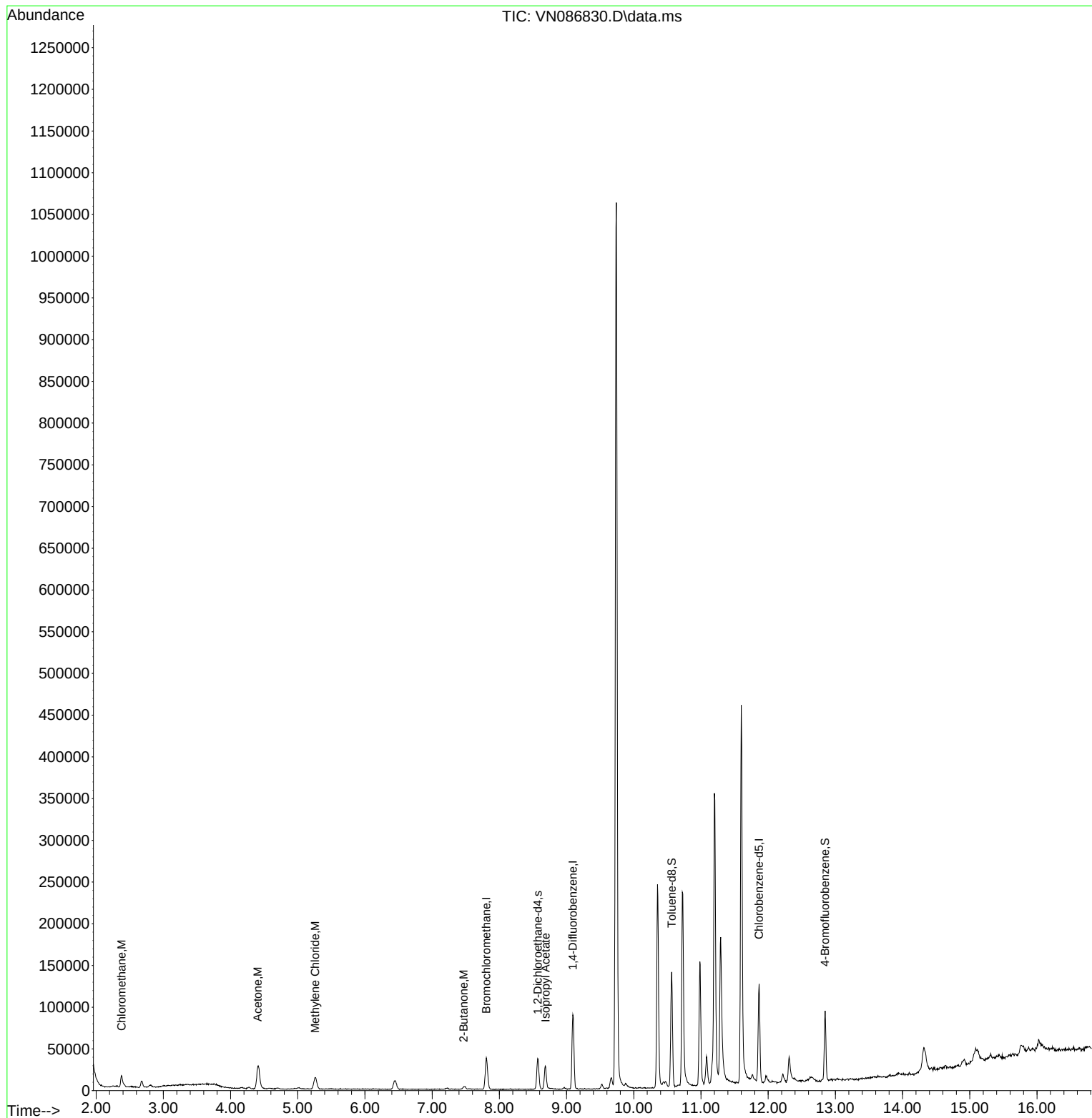
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053025\
Data File : VN086830.D
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Operator : JC\MD
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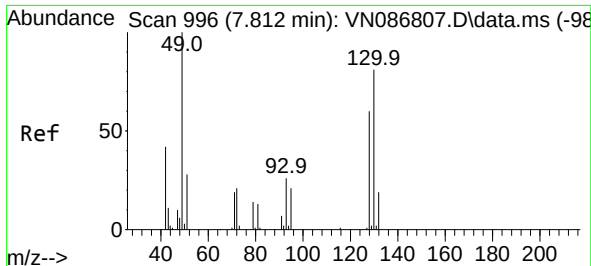
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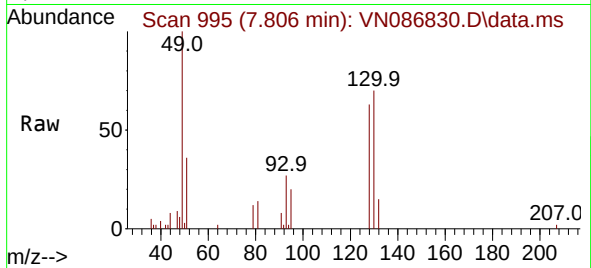
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 30 02:22:52 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.806 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086830.D
Acq: 30 May 2025 13:25

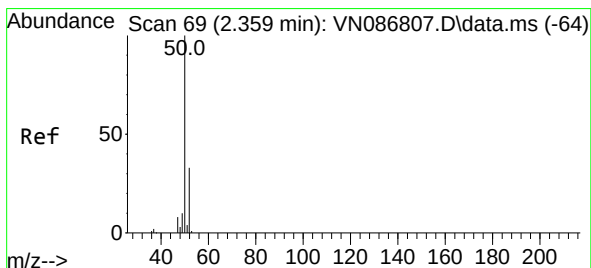
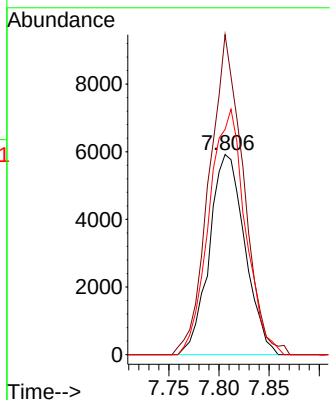
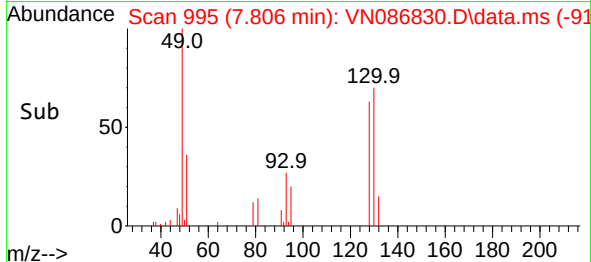
Instrument :
MSVOA_N
ClientSampleId :
PB168191ZHE#01



Tgt Ion:128 Resp: 14598
Ion Ratio Lower Upper
128 100
49 152.8 0.0 404.5
130 125.2 0.0 322.2

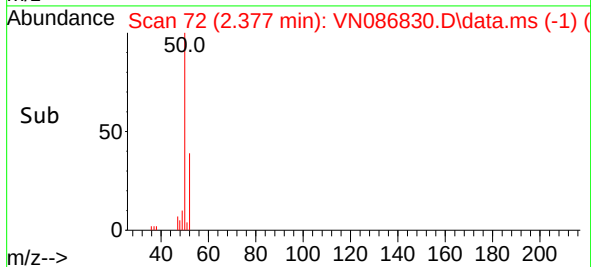
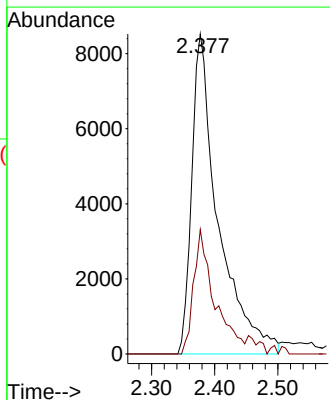
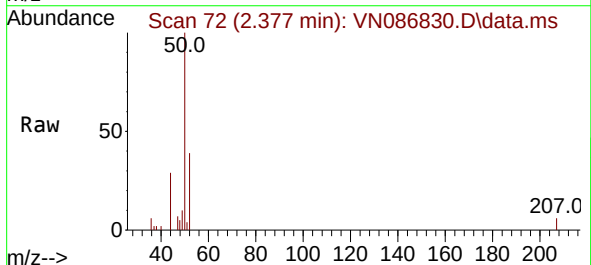
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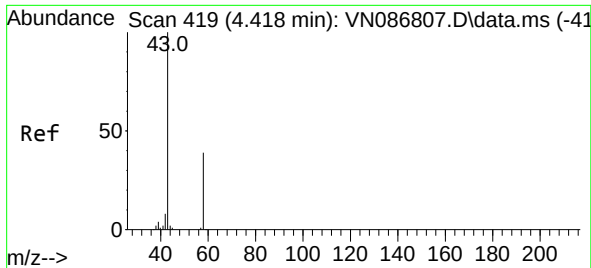
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#3
Chloromethane
Concen: 19.348 ug/l
RT: 2.377 min Scan# 72
Delta R.T. 0.018 min
Lab File: VN086830.D
Acq: 30 May 2025 13:25

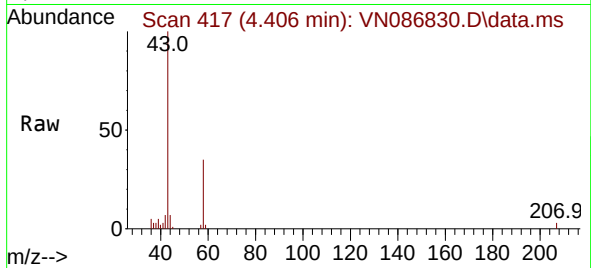
Tgt Ion: 50 Resp: 24733
Ion Ratio Lower Upper
50 100
52 38.8 26.6 40.0





#15
Acetone
Concen: 159.992 ug/l
RT: 4.406 min Scan# 419
Delta R.T. -0.012 min
Lab File: VN086830.D
Acq: 30 May 2025 13:25

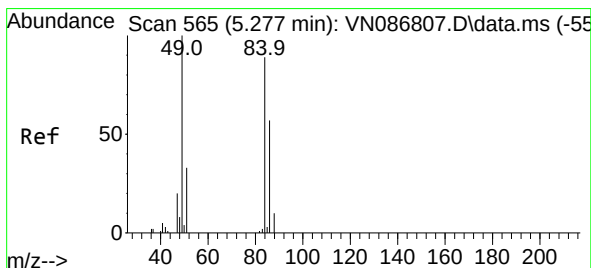
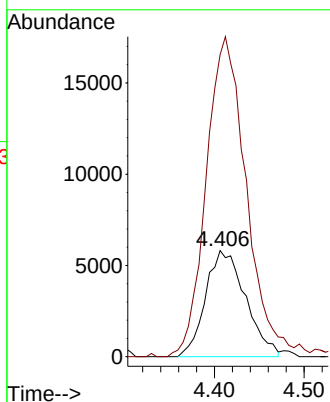
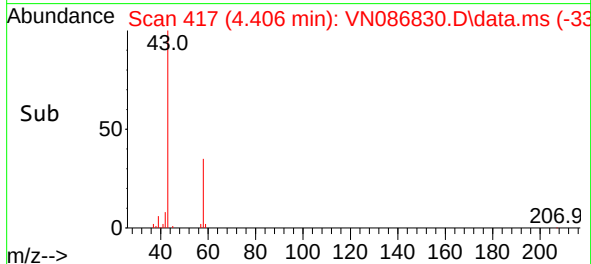
Instrument :
MSVOA_N
ClientSampleId :
PB168191ZHE#01



Tgt Ion: 58 Resp: 1802
Ion Ratio Lower Upper
58 100
43 278.4 207.7 311.5

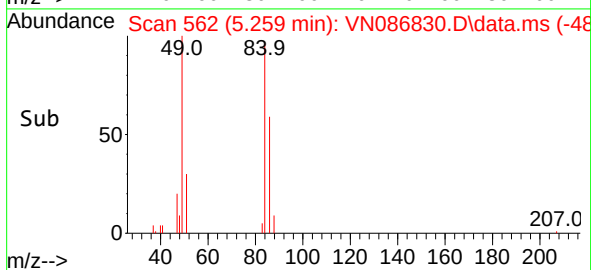
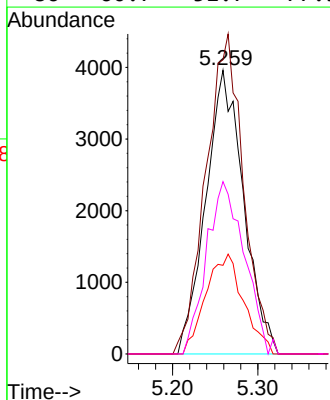
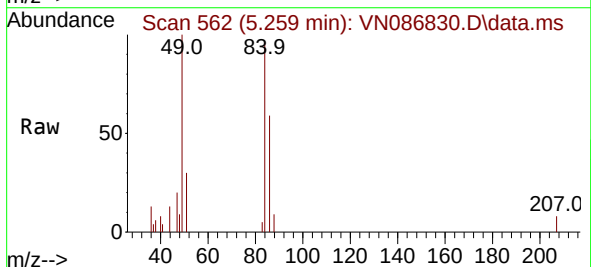
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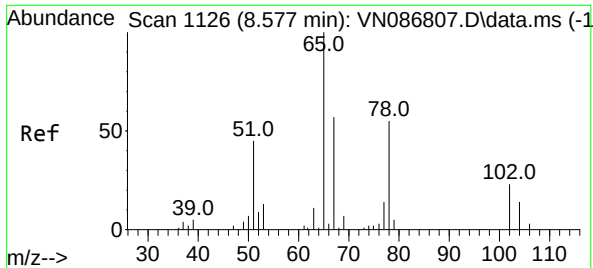
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#18
Methylene Chloride
Concen: 12.194 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.018 min
Lab File: VN086830.D
Acq: 30 May 2025 13:25

Tgt Ion: 84 Resp: 12191
Ion Ratio Lower Upper
84 100
49 103.7 89.9 134.9
51 31.3 29.6 44.4
86 60.7 51.7 77.5





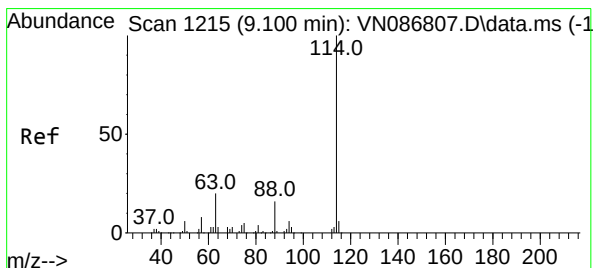
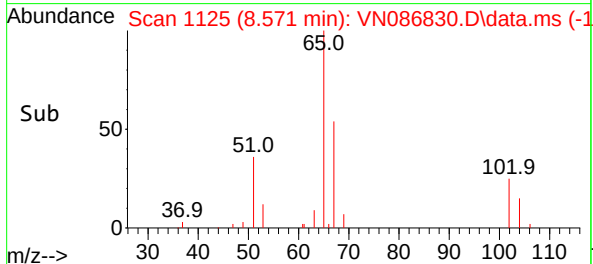
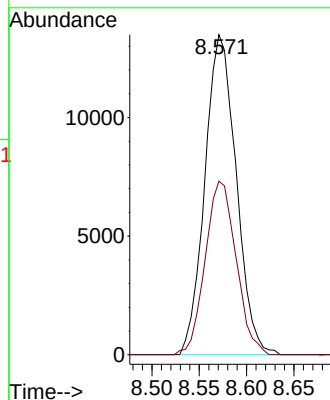
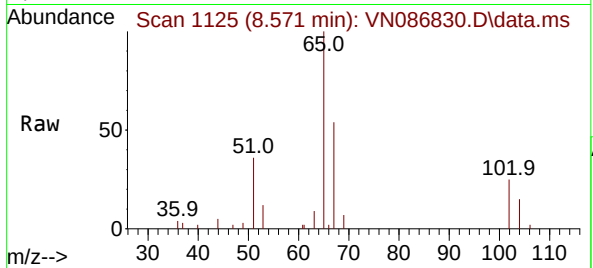
#27
1,2-Dichloroethane-d4
Concen: 30.919 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN086830.D
Acq: 30 May 2025 13:25

Instrument :
MSVOA_N
ClientSampleId :
PB168191ZHE#01

Tgt Ion: 65 Resp: 3101
Ion Ratio Lower Upper
65 100
67 53.5 44.6 67.0

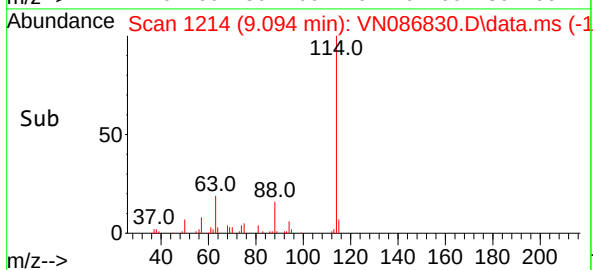
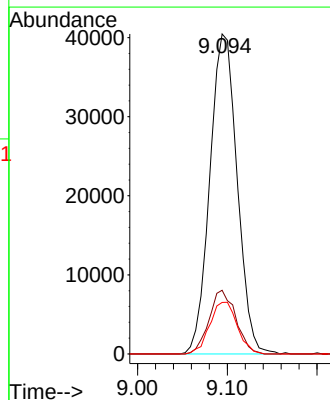
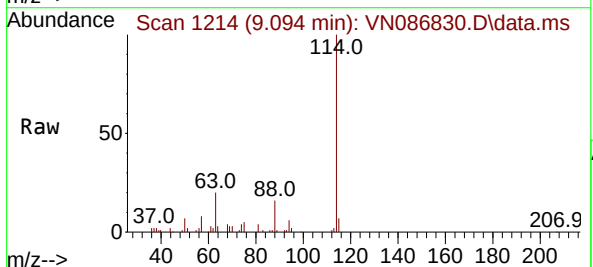
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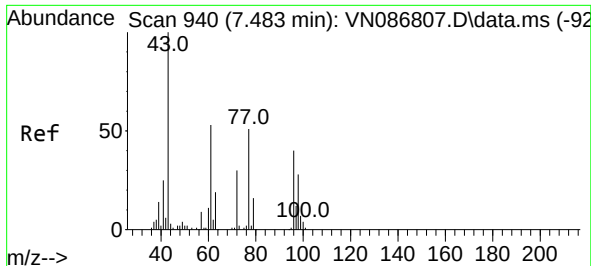
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN086830.D
Acq: 30 May 2025 13:25

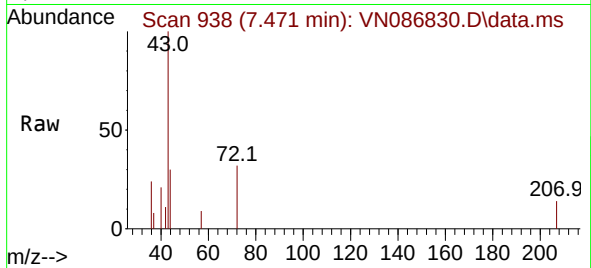
Tgt Ion:114 Resp: 85610
Ion Ratio Lower Upper
114 100
63 19.4 15.8 23.8
88 16.3 12.9 19.3





#30
2-Butanone
Concen: 12.105 ug/l m
RT: 7.471 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN086830.D
Acq: 30 May 2025 13:25

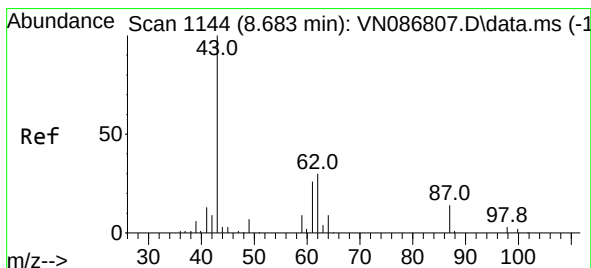
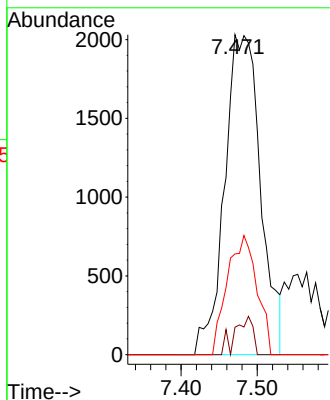
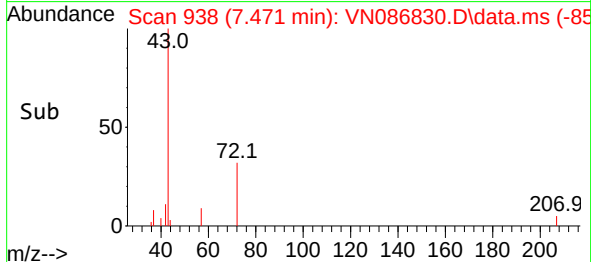
Instrument :
MSVOA_N
ClientSampleId :
PB168191ZHE#01



Tgt Ion: 43 Resp: 6670
Ion Ratio Lower Upper
43 100
57 2.9 6.8 10.2
72 0.0 23.4 35.0

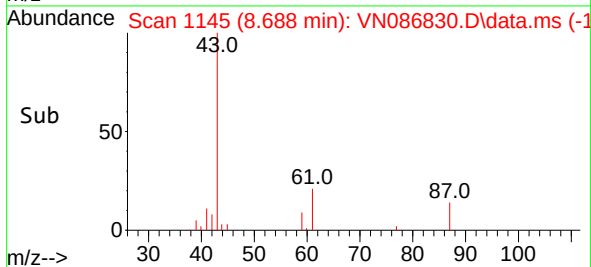
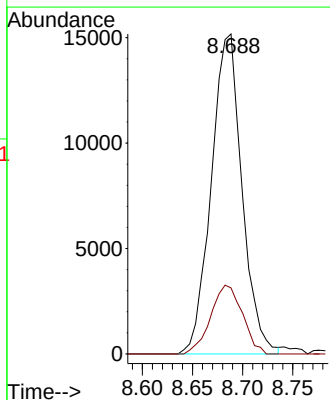
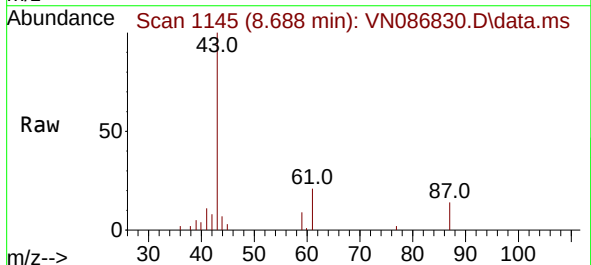
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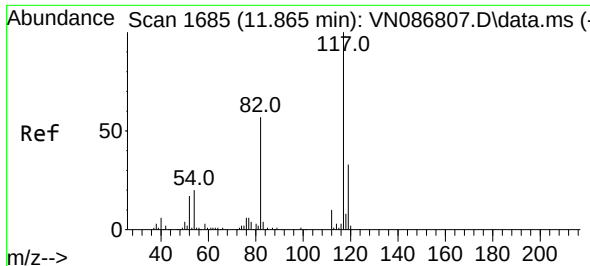
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#44
Isopropyl Acetate
Concen: 16.710 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN086830.D
Acq: 30 May 2025 13:25

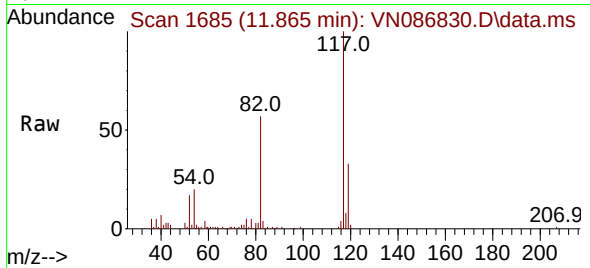
Tgt Ion: 43 Resp: 32348
Ion Ratio Lower Upper
43 100
61 22.2 23.8 35.6





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086830.D
Acq: 30 May 2025 13:25

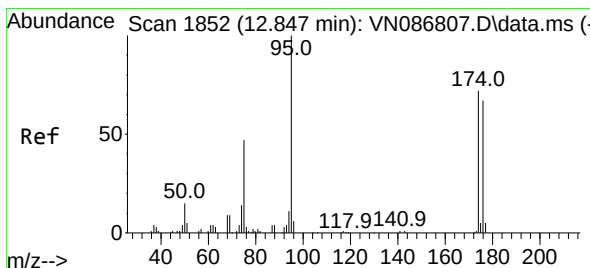
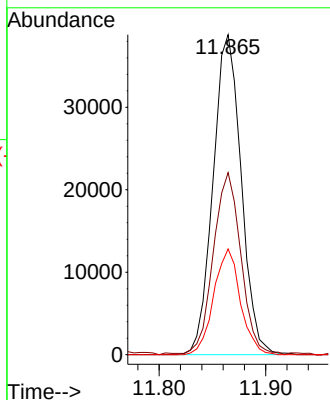
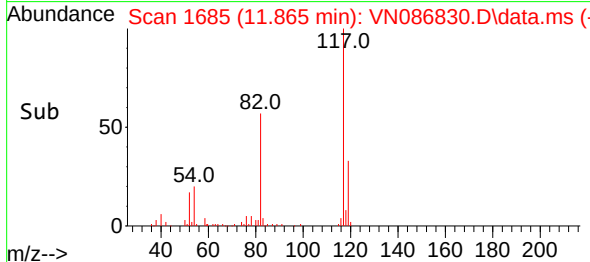
Instrument :
MSVOA_N
ClientSampleId :
PB168191ZHE#01



Tgt Ion:117 Resp: 7113
Ion Ratio Lower Upper
117 100
82 55.8 44.7 67.1
119 31.3 25.6 38.4

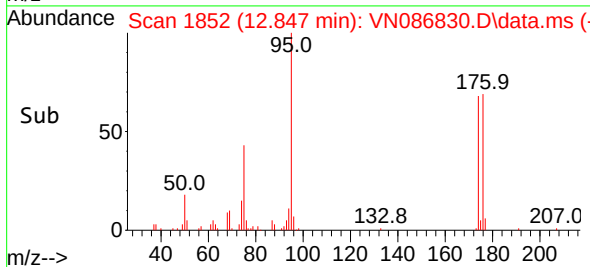
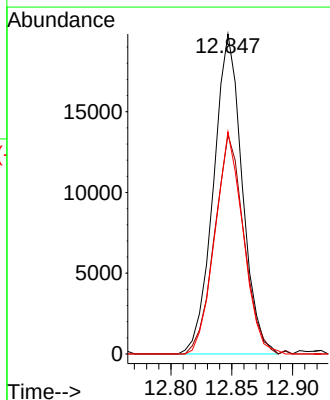
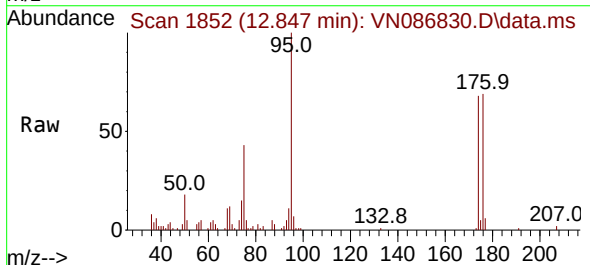
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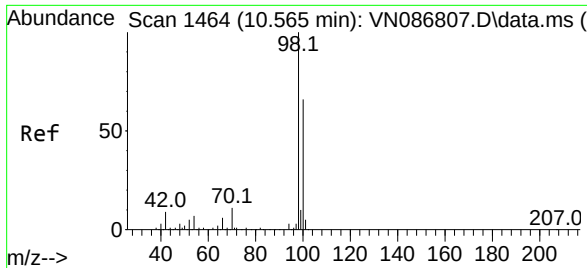
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#60
4-Bromofluorobenzene
Concen: 29.107 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086830.D
Acq: 30 May 2025 13:25

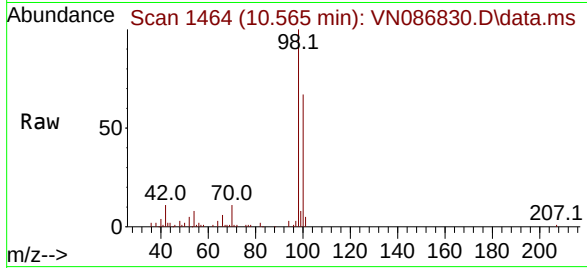
Tgt Ion: 95 Resp: 32509
Ion Ratio Lower Upper
95 100
174 70.1 56.2 84.4
176 68.2 53.4 80.0





#63
Toluene-d8
Concen: 29.924 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086830.D
Acq: 30 May 2025 13:25

Instrument :
MSVOA_N
ClientSampleId :
PB168191ZHE#01



Tgt Ion: 98 Resp: 97700
Ion Ratio Lower Upper
98 100
100 66.4 52.7 79.1

Manual Integrations
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