

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060325\
 Data File : VN086857.D
 Acq On : 03 Jun 2025 21:00
 Operator : JC\MD
 Sample : Q2177-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B-202-SB01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/04/2025
 Supervised By : Mahesh Dadoda 06/04/2025

Quant Time: Jun 04 02:07:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	214739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	418395	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	402557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	183854	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	152863	51.516	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.040%			
35) Dibromofluoromethane	8.165	113	132479	53.168	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.340%			
50) Toluene-d8	10.565	98	536776	51.984	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.960%			
62) 4-Bromofluorobenzene	12.847	95	198933	54.562	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.120%			
Target Compounds					Qvalue	
16) Acetone	4.418	43	55602	50.093	ug/l	96
18) Methyl Acetate	5.024	43	27672	8.907	ug/l	99
20) Methylene Chloride	5.277	84	8210m	2.803	ug/l	
37) Ethyl Acetate	7.559	43	20063	5.404	ug/l	99
43) Isopropyl Acetate	8.683	43	15113	2.031	ug/l	94

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

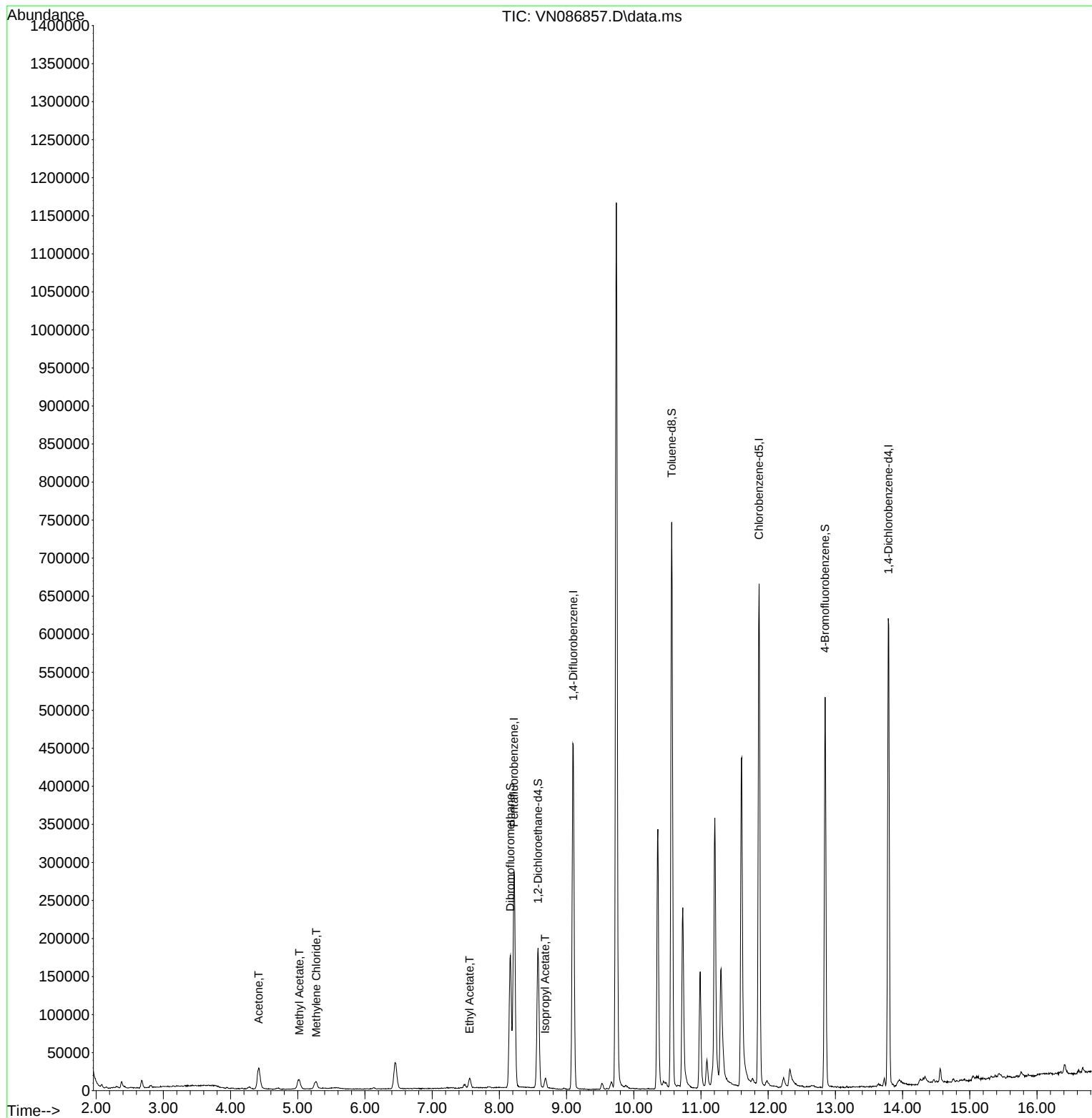
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060325\
Data File : VN086857.D
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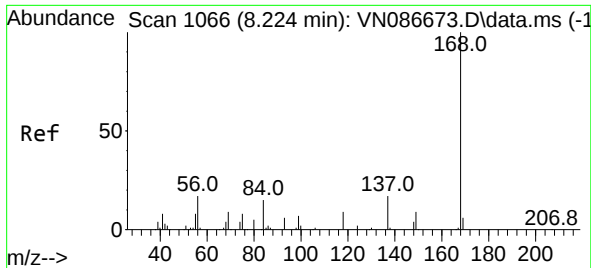
Instrument :
MSVOA_N
ClientSampleId :
B-202-SB01

Quant Time: Jun 04 02:07:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260
QLast Update : Sat May 17 00:46:13 2025
Response via : Initial Calibration

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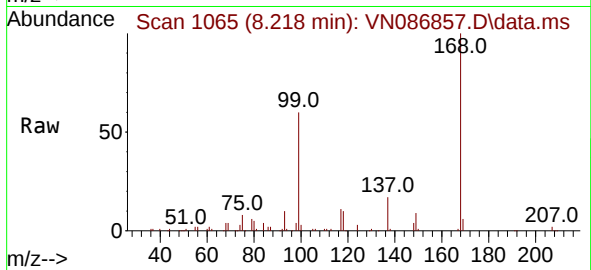
Reviewed By : John Carlone 06/04/2025
Supervised By : Mahesh Dadoda 06/04/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN086857.D
Acq: 03 Jun 2025 21:00

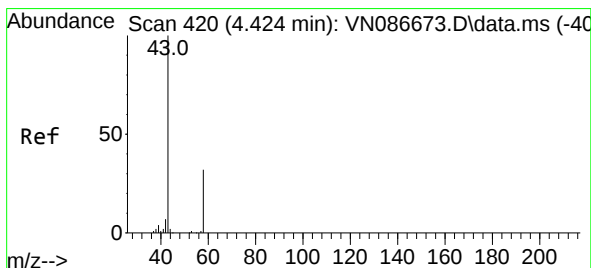
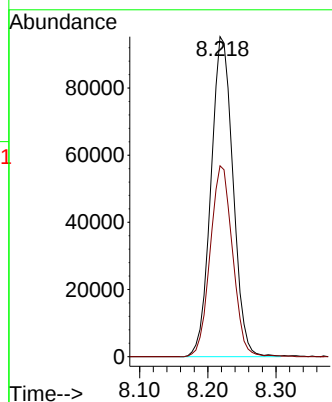
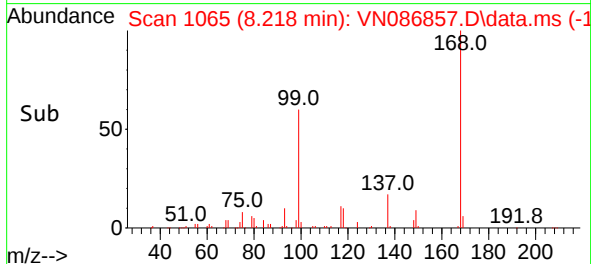
Instrument :
MSVOA_N
ClientSampleId :
B-202-SB01



Tgt Ion:168 Resp: 214739
Ion Ratio Lower Upper
168 100
99 59.6 47.0 70.4

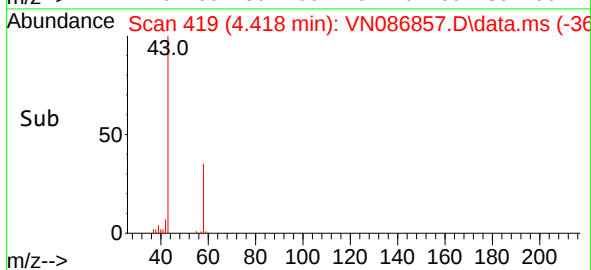
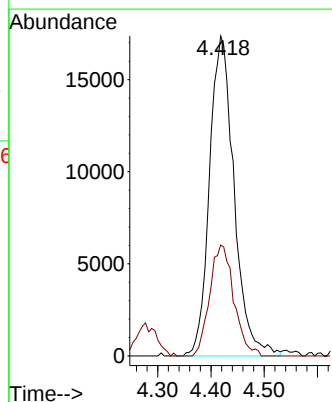
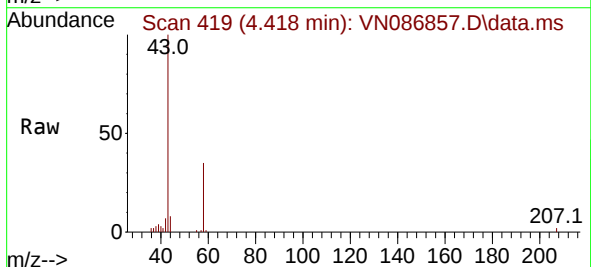
Manual Integrations
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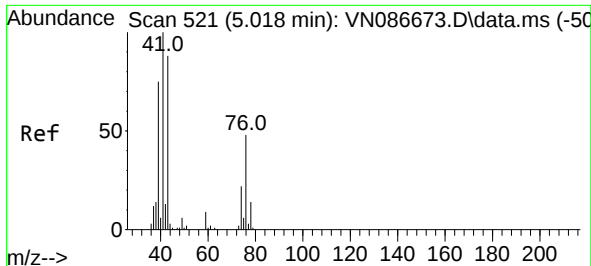
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#16
Acetone
Concen: 50.093 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN086857.D
Acq: 03 Jun 2025 21:00

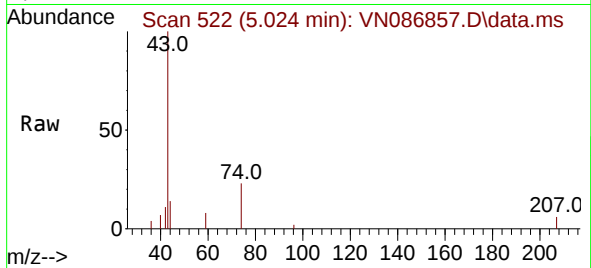
Tgt Ion: 43 Resp: 55602
Ion Ratio Lower Upper
43 100
58 34.7 25.8 38.6





#18
Methyl Acetate
Concen: 8.907 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086857.D
Acq: 03 Jun 2025 21:00

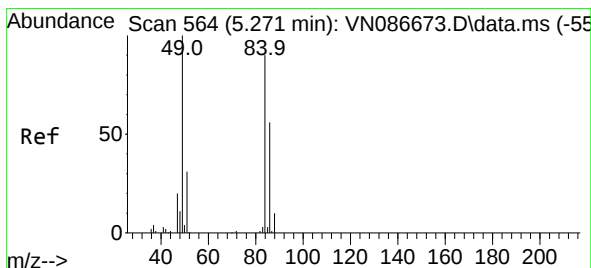
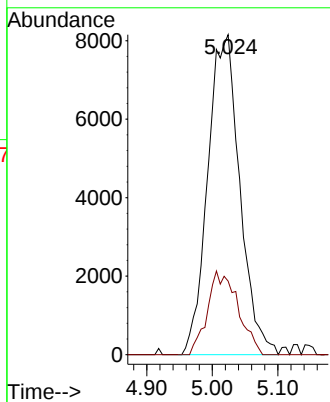
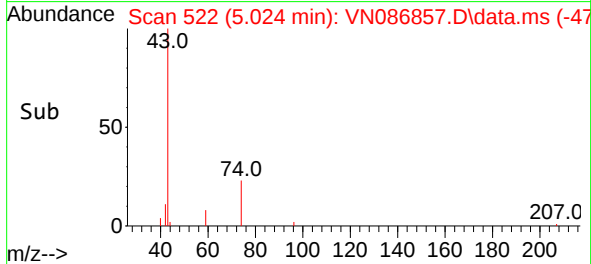
Instrument :
MSVOA_N
ClientSampleId :
B-202-SB01



Tgt Ion: 43 Resp: 27672
Ion Ratio Lower Upper
43 100
74 24.9 20.5 30.7

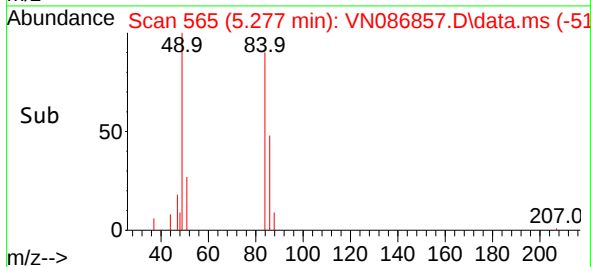
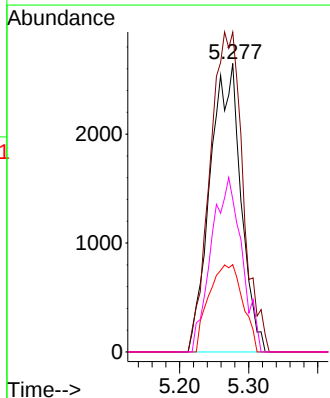
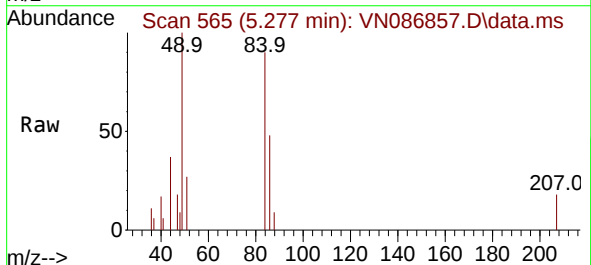
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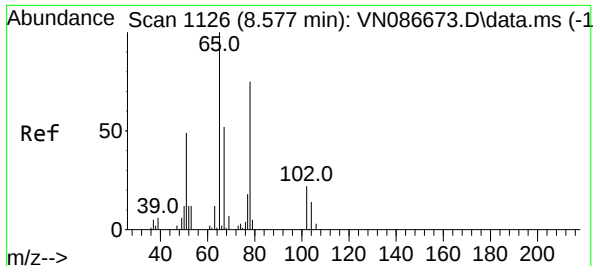
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#20
Methylene Chloride
Concen: 2.803 ug/l m
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086857.D
Acq: 03 Jun 2025 21:00

Tgt Ion: 84 Resp: 8210
Ion Ratio Lower Upper
84 100
49 110.9 88.8 133.2
51 30.3 27.8 41.6
86 52.9 49.8 74.6





#33

1,2-Dichloroethane-d4

Concen: 51.516 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086857.D

Acq: 03 Jun 2025 21:00

Instrument :

MSVOA_N

ClientSampleId :

B-202-SB01

Tgt Ion: 65 Resp: 15286

Ion Ratio Lower Upper

65 100

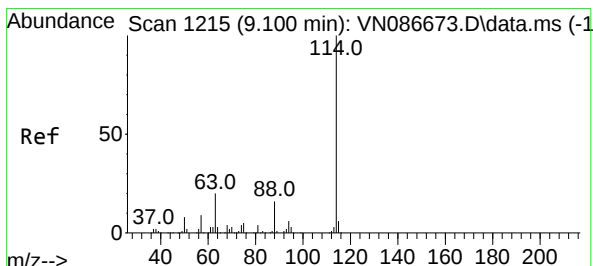
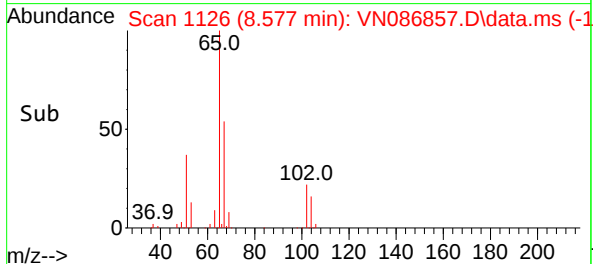
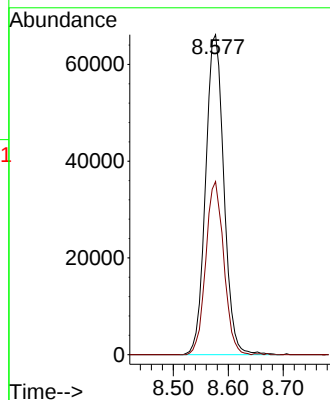
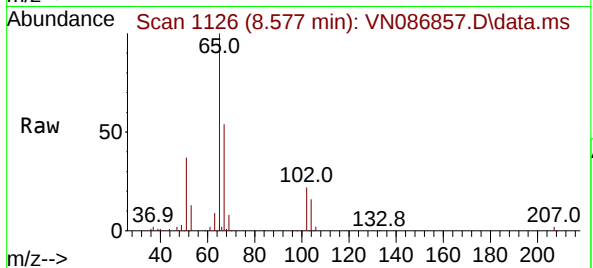
67 53.3 0.0 106.4

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Supervised By :Mahesh Dadoda 06/04/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086857.D

Acq: 03 Jun 2025 21:00

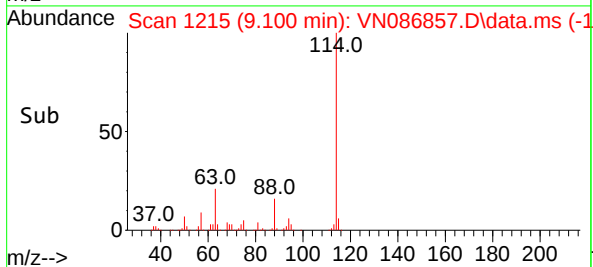
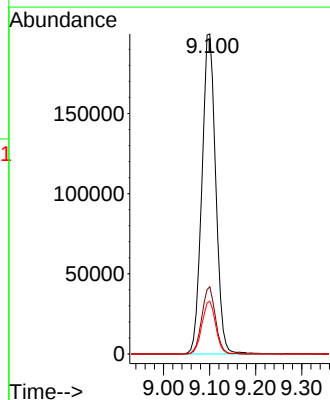
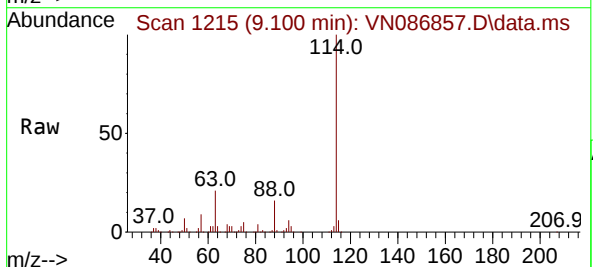
Tgt Ion:114 Resp: 418395

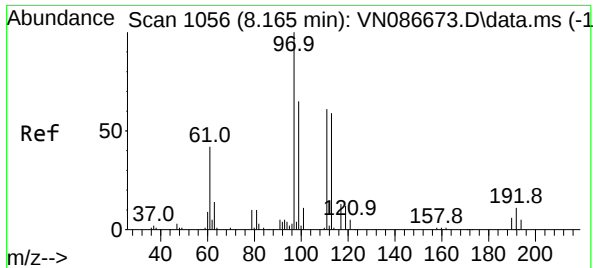
Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.2

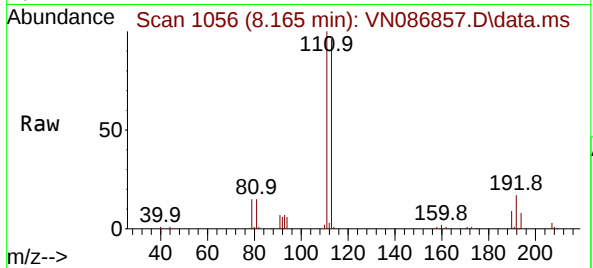
88 16.5 0.0 31.2





#35
Dibromofluoromethane
Concen: 53.168 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086857.D
Acq: 03 Jun 2025 21:00

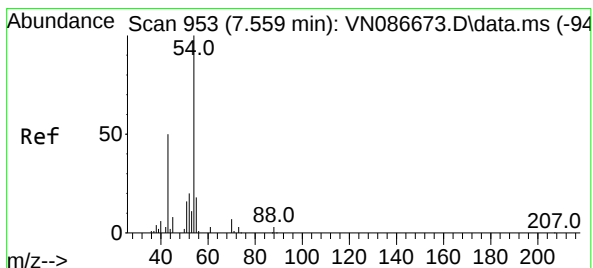
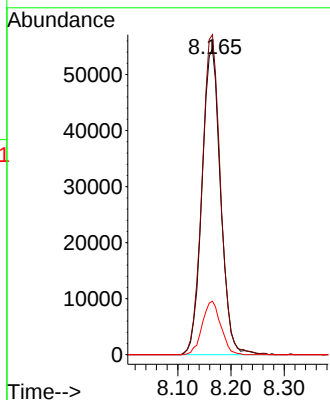
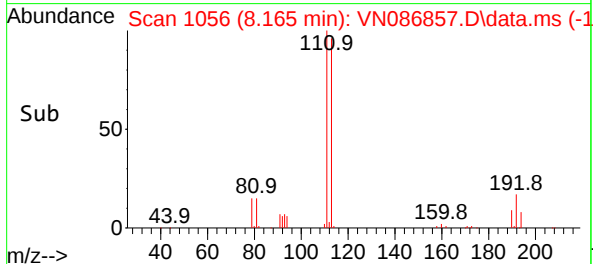
Instrument :
MSVOA_N
ClientSampleId :
B-202-SB01



Tgt Ion: 113 Resp: 132479
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.2
192 17.4 13.8 20.8

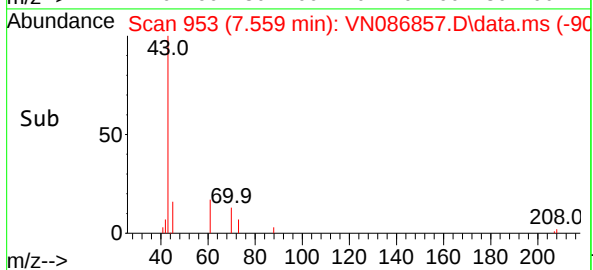
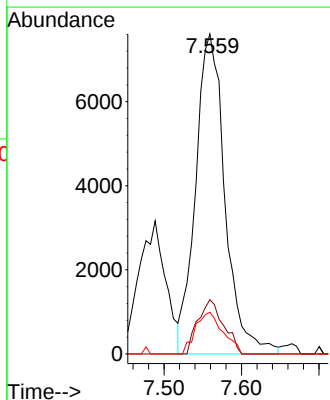
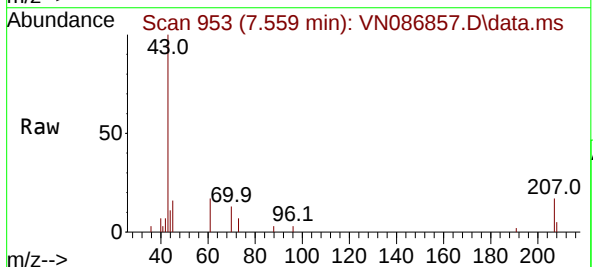
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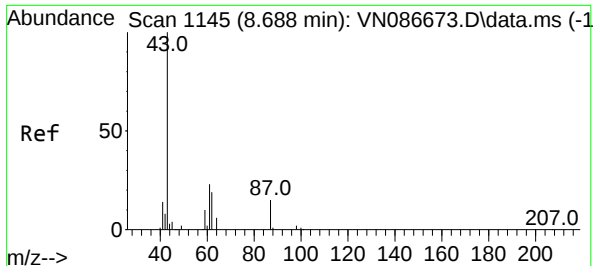
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#37
Ethyl Acetate
Concen: 5.404 ug/l
RT: 7.559 min Scan# 953
Delta R.T. -0.000 min
Lab File: VN086857.D
Acq: 03 Jun 2025 21:00

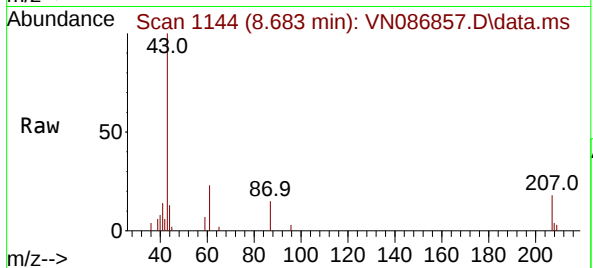
Tgt Ion: 43 Resp: 20063
Ion Ratio Lower Upper
43 100
61 14.7 11.6 17.4
70 12.1 9.4 14.0





#43
Isopropyl Acetate
Concen: 2.031 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN086857.D
Acq: 03 Jun 2025 21:00

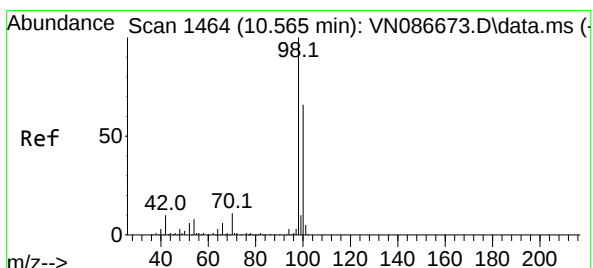
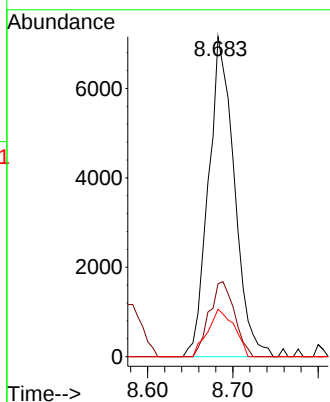
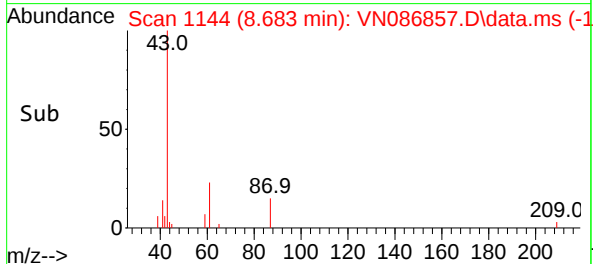
Instrument :
MSVOA_N
ClientSampleId :
B-202-SB01



Tgt Ion: 43 Resp: 1511
Ion Ratio Lower Upper
43 100
61 22.7 21.4 32.2
87 15.1 11.1 16.7

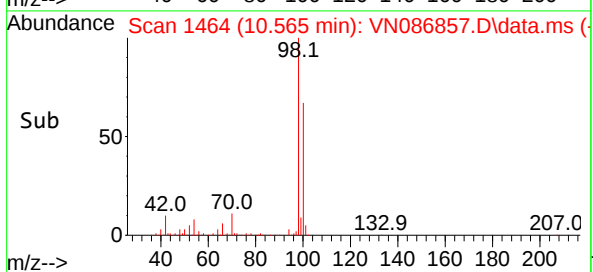
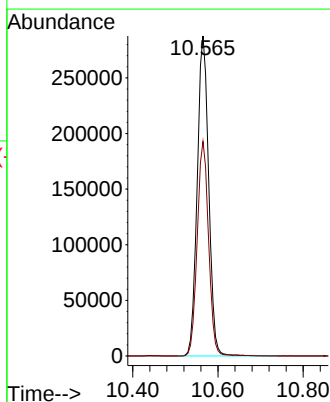
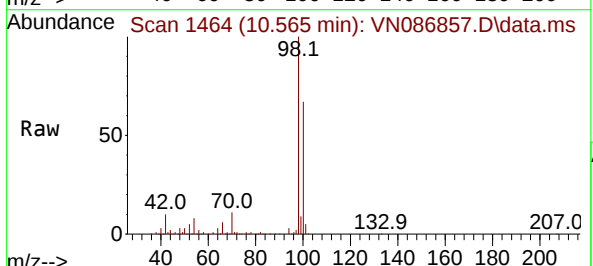
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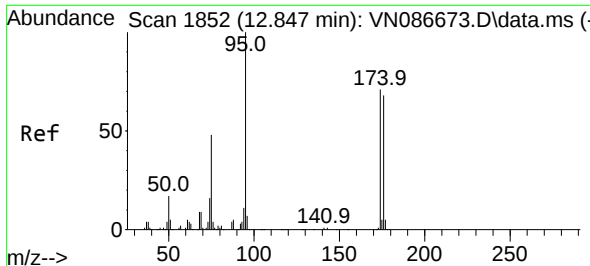
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#50
Toluene-d8
Concen: 51.984 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086857.D
Acq: 03 Jun 2025 21:00

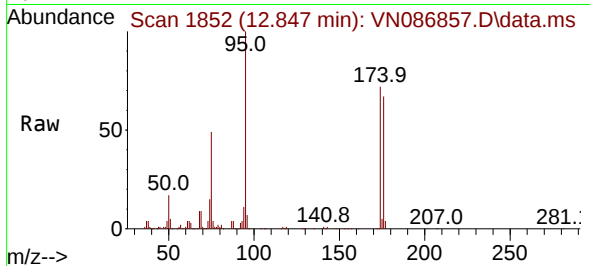
Tgt Ion: 98 Resp: 536776
Ion Ratio Lower Upper
98 100
100 66.3 52.9 79.3





#62
4-Bromofluorobenzene
Concen: 54.562 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086857.D
Acq: 03 Jun 2025 21:00

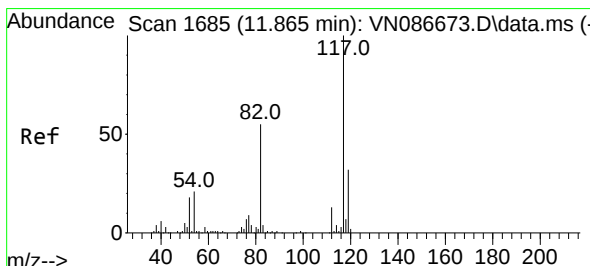
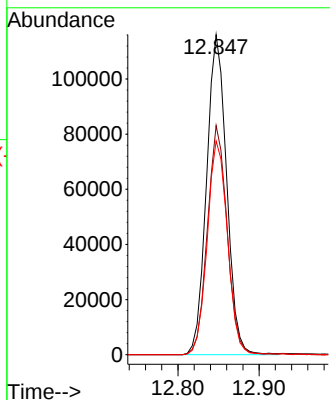
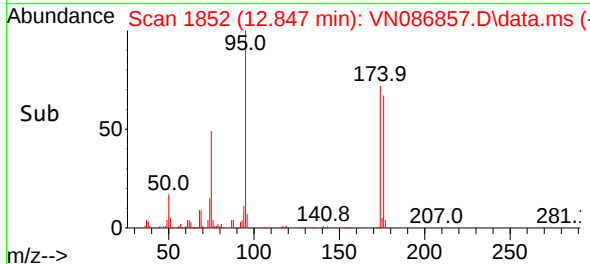
Instrument :
MSVOA_N
ClientSampleId :
B-202-SB01



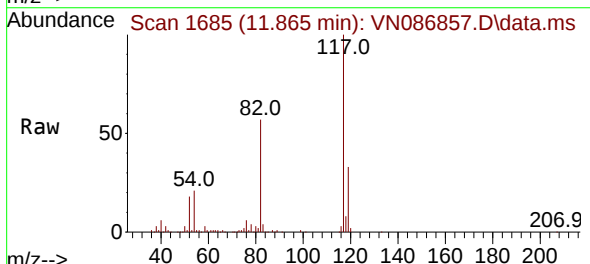
Tgt Ion: 95 Resp: 198933
Ion Ratio Lower Upper
95 100
174 70.5 0.0 145.4
176 67.1 0.0 137.8

Manual Integrations
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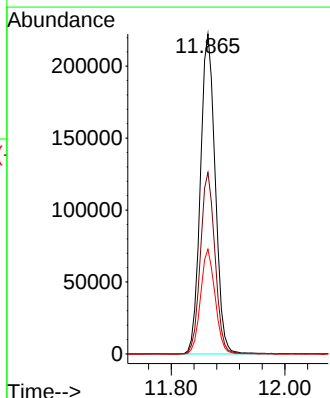
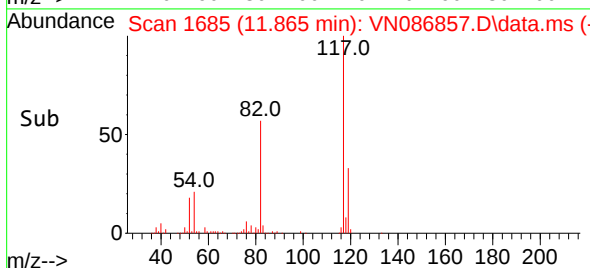
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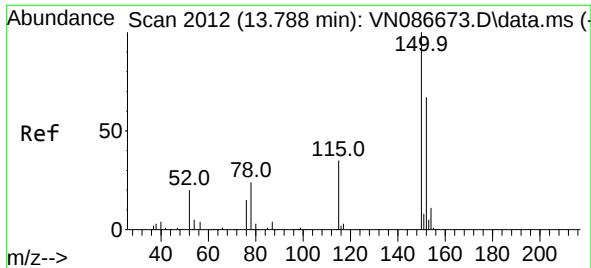


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086857.D
Acq: 03 Jun 2025 21:00



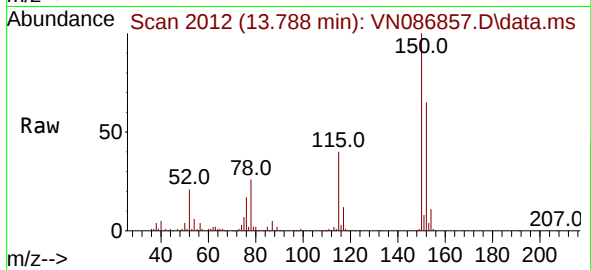
Tgt Ion:117 Resp: 402557
Ion Ratio Lower Upper
117 100
82 56.7 44.2 66.2
119 32.8 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086857.D
 Acq: 03 Jun 2025 21:00

Instrument :
 MSVOA_N
 ClientSampleId :
 B-202-SB01



Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.4	30.0	90.1
150	156.3	0.0	347.8

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