

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052025\
 Data File : VN086712.D
 Acq On : 20 May 2025 12:51
 Operator : JC\MD
 Sample : Q2071-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 L1-WC-7

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/21/2025
 Supervised By : Mahesh Dadoda 05/21/2025

Quant Time: May 21 01:44:13 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	8.224	168	174393	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	342643	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	332546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	143683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	127922	53.084	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 106.160%		
35) Dibromofluoromethane	8.165	113	106141	52.015	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 104.040%		
50) Toluene-d8	10.565	98	449108	53.109	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 106.220%		
62) 4-Bromofluorobenzene	12.847	95	155653	52.130	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery	= 104.260%		
Target Compounds						Qvalue
16) Acetone	4.430	43	27171	30.142	ug/l	97
18) Methyl Acetate	5.024	43	2983	1.182	ug/l #	66
20) Methylene Chloride	5.265	84	9998	4.203	ug/l	95
43) Isopropyl Acetate	8.688	43	22173m	3.638	ug/l	

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

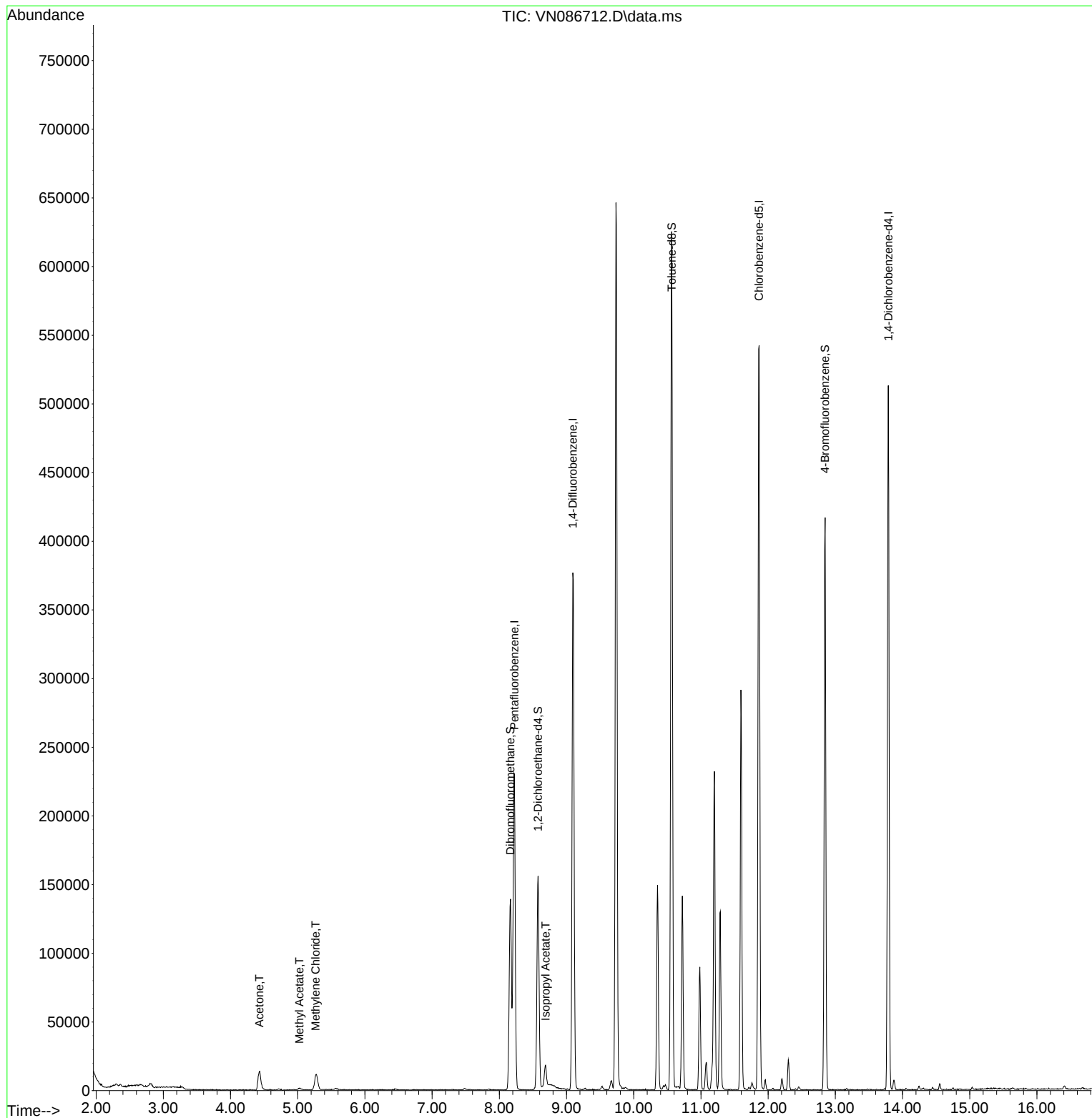
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052025\
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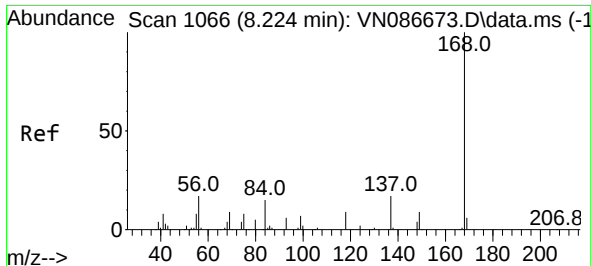
Instrument :
MSVOA_N
ClientSampleId :
L1-WC-7

Quant Time: May 21 01:44:13 2025
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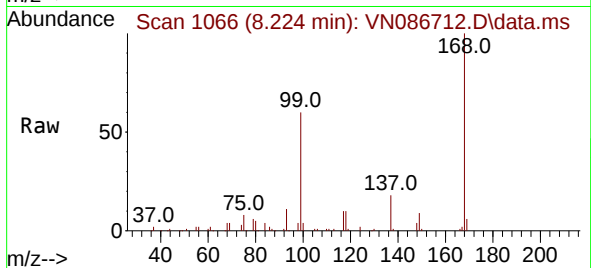
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086712.D
Acq: 20 May 2025 12:51

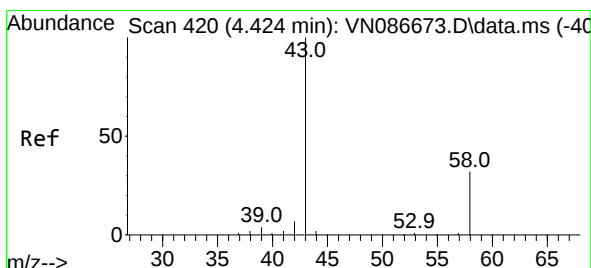
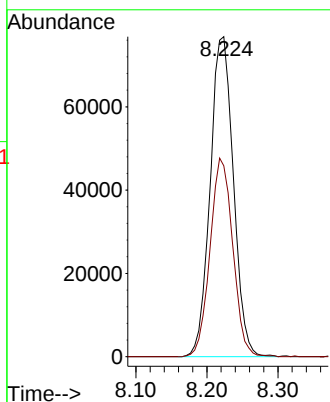
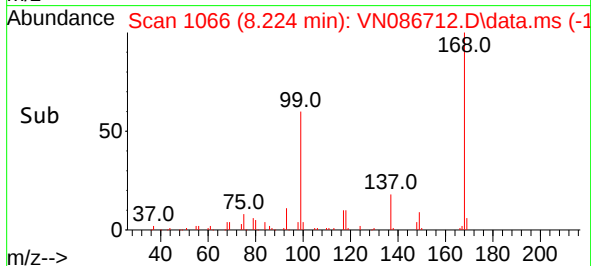
Instrument :
MSVOA_N
ClientSampleId :
L1-WC-7



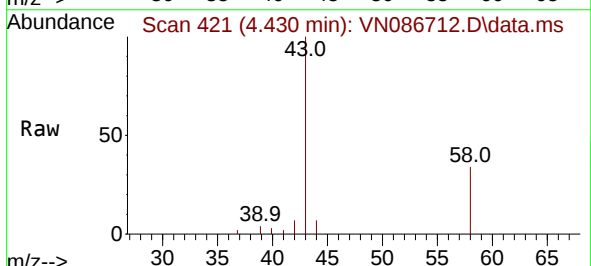
Tgt Ion:168 Resp: 17439
Ion Ratio Lower Upper
168 100
99 59.7 47.0 70.4

Manual Integrations
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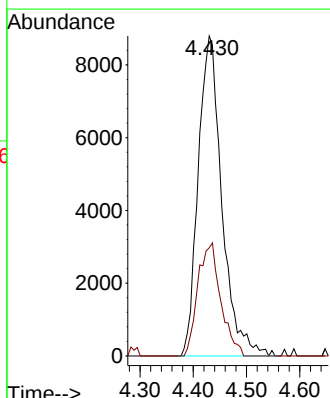
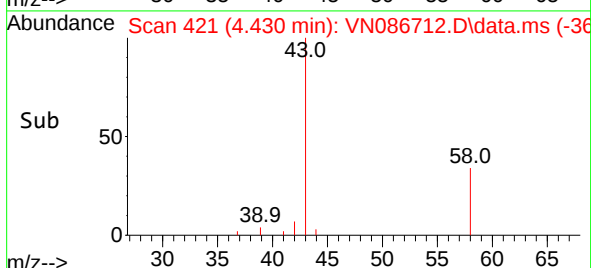
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

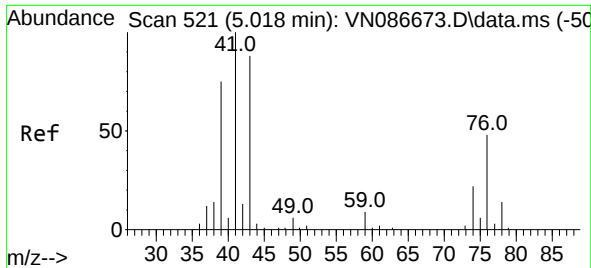


#16
Acetone
Concen: 30.142 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086712.D
Acq: 20 May 2025 12:51



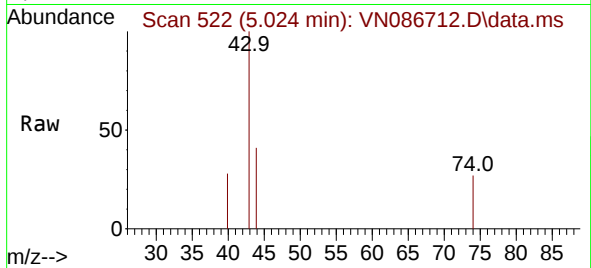
Tgt Ion: 43 Resp: 27171
Ion Ratio Lower Upper
43 100
58 33.8 25.8 38.6





#18
Methyl Acetate
Concen: 1.182 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086712.D
Acq: 20 May 2025 12:51

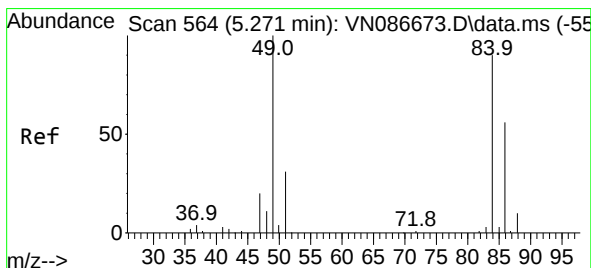
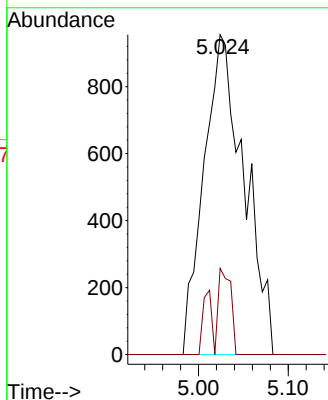
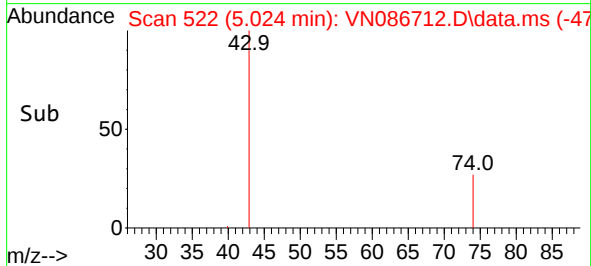
Instrument :
MSVOA_N
ClientSampleId :
L1-WC-7



Tgt Ion: 43 Resp: 298
Ion Ratio Lower Upper
43 100
74 8.3 20.5 30.7

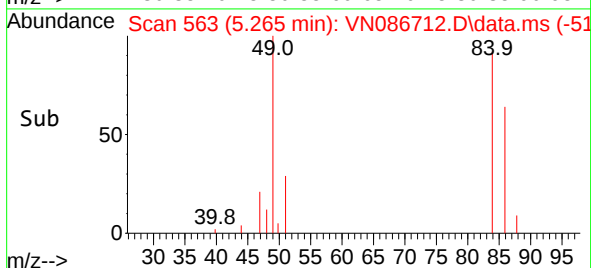
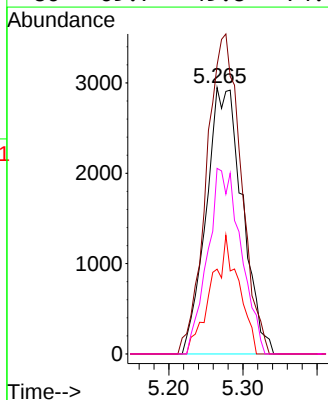
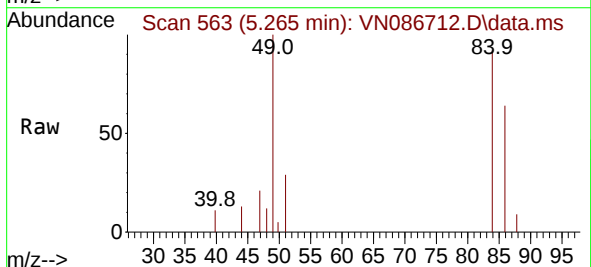
Manual Integrations
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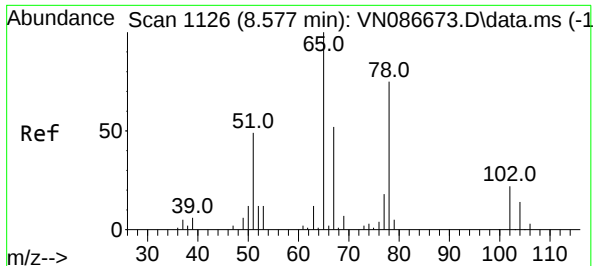
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#20
Methylene Chloride
Concen: 4.203 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN086712.D
Acq: 20 May 2025 12:51

Tgt Ion: 84 Resp: 9998
Ion Ratio Lower Upper
84 100
49 108.4 88.8 133.2
51 31.8 27.8 41.6
86 69.7 49.8 74.6





#33

1,2-Dichloroethane-d4

Concen: 53.084 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086712.D

Acq: 20 May 2025 12:51

Instrument :

MSVOA_N

ClientSampleId :

L1-WC-7

Tgt Ion: 65 Resp: 12792

Ion Ratio Lower Upper

65 100

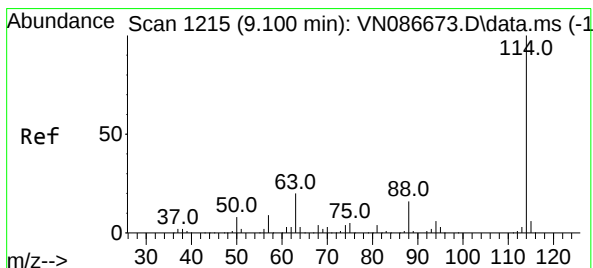
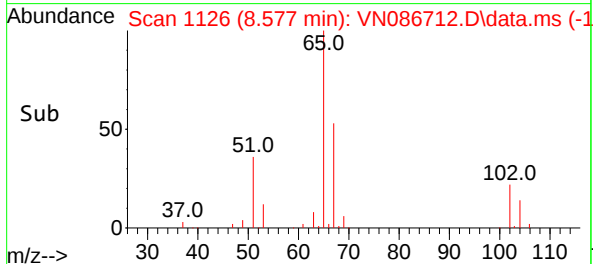
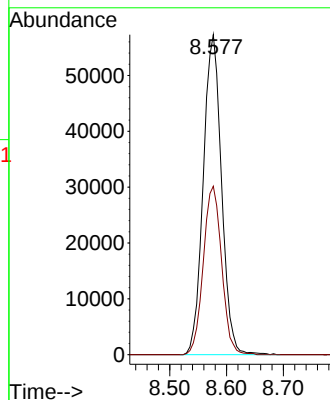
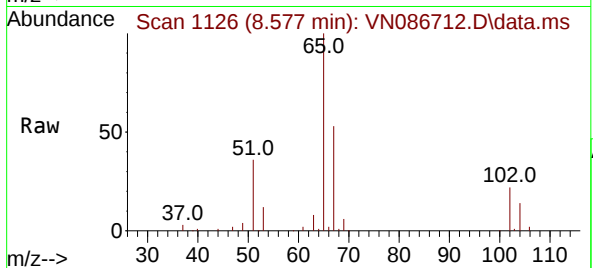
67 52.7 0.0 106.4

Manual Integrations

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Supervised By :Mahesh Dadoda 05/21/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VN086712.D

Acq: 20 May 2025 12:51

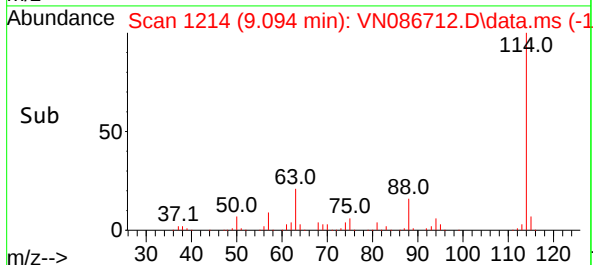
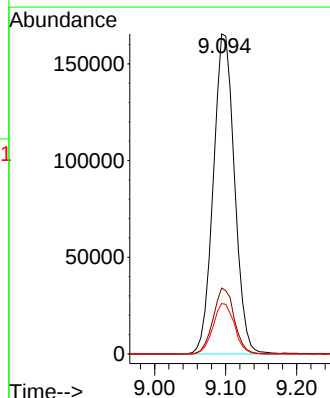
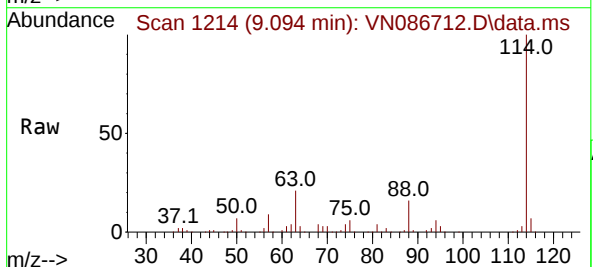
Tgt Ion:114 Resp: 342643

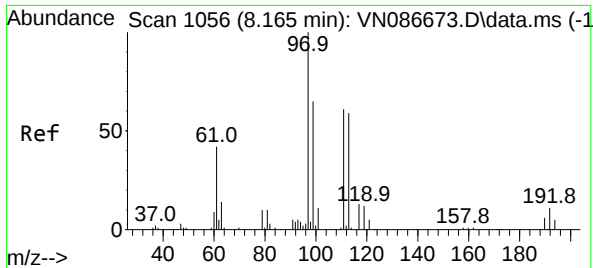
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.2

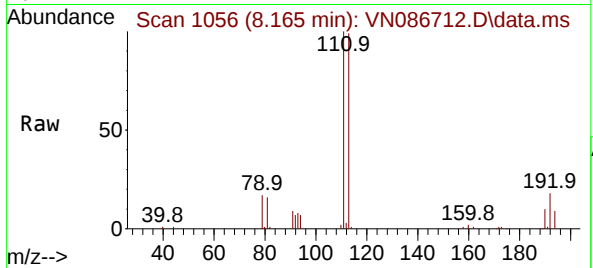
88 15.7 0.0 31.2





#35
 Dibromofluoromethane
 Concen: 52.015 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN086712.D
 Acq: 20 May 2025 12:51

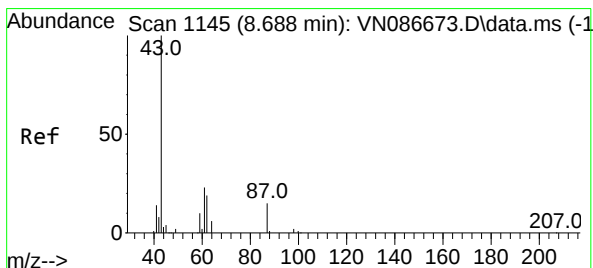
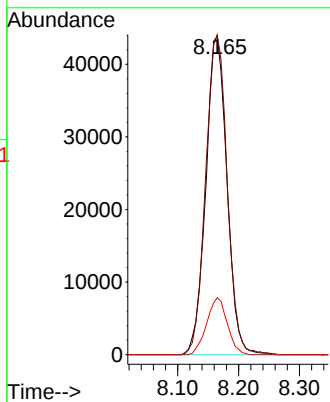
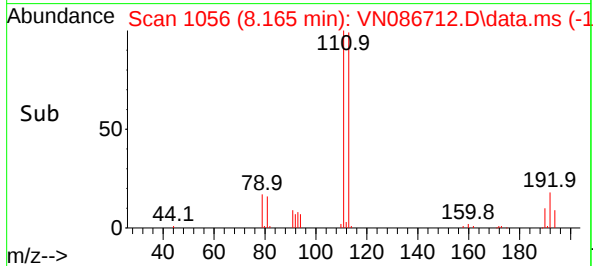
Instrument :
 MSVOA_N
 ClientSampleId :
 L1-WC-7



Tgt Ion: 113 Resp: 10614
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.2 123.2
 192 17.3 13.8 20.8

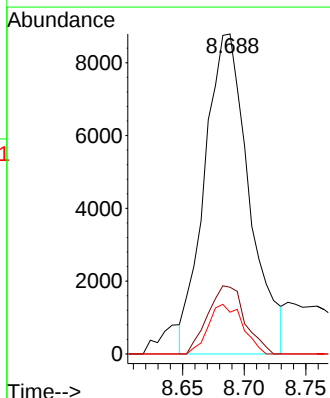
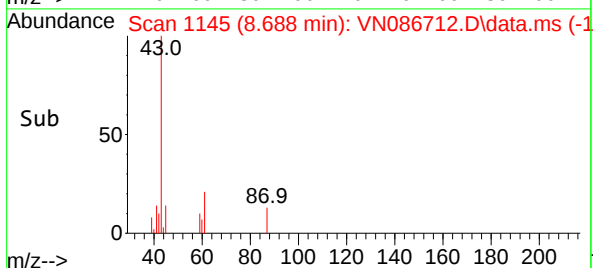
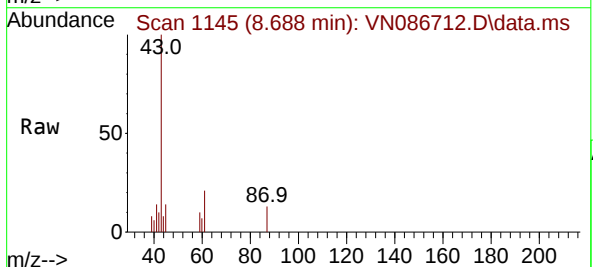
Manual Integrations
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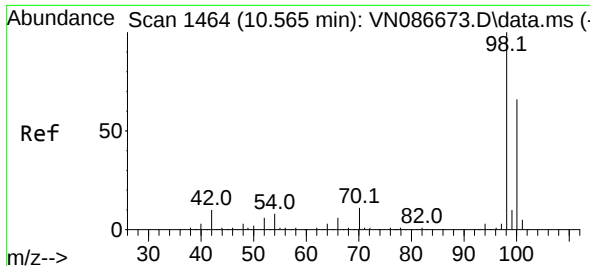
Reviewed By :John Carlone 05/21/2025
 Supervised By :Mahesh Dadoda 05/21/2025



#43
 Isopropyl Acetate
 Concen: 3.638 ug/l m
 RT: 8.688 min Scan# 1145
 Delta R.T. 0.000 min
 Lab File: VN086712.D
 Acq: 20 May 2025 12:51

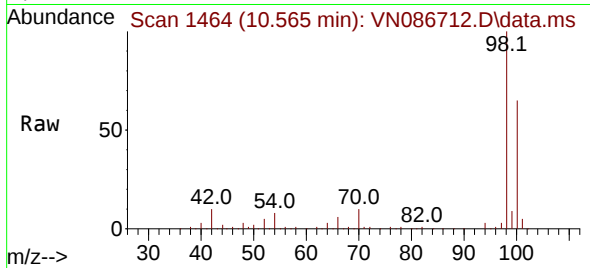
Tgt Ion: 43 Resp: 22173
 Ion Ratio Lower Upper
 43 100
 61 17.6 21.4 32.2#
 87 11.9 11.1 16.7





#50
Toluene-d8
Concen: 53.109 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086712.D
Acq: 20 May 2025 12:51

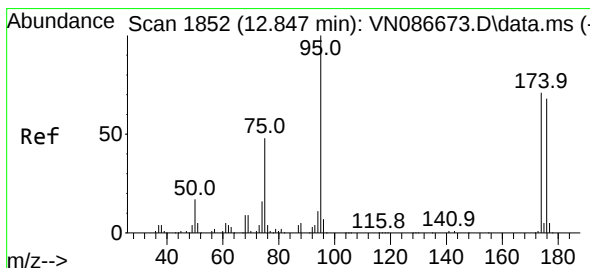
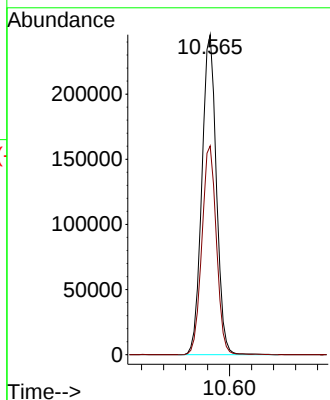
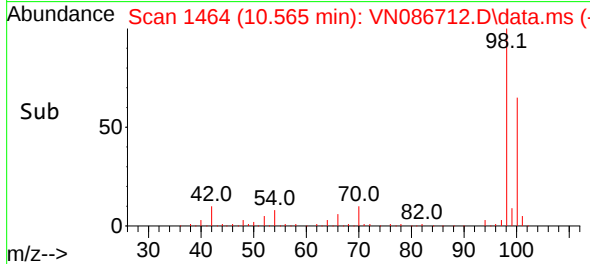
Instrument :
MSVOA_N
ClientSampleId :
L1-WC-7



Tgt Ion: 98 Resp: 449108
Ion Ratio Lower Upper
98 100
100 65.4 52.9 79.3

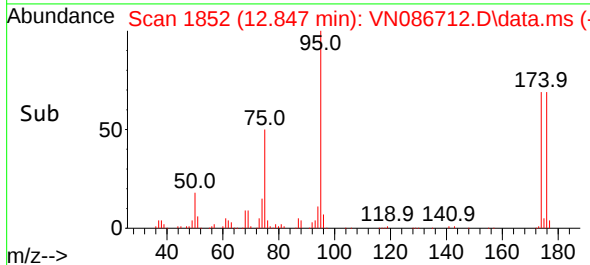
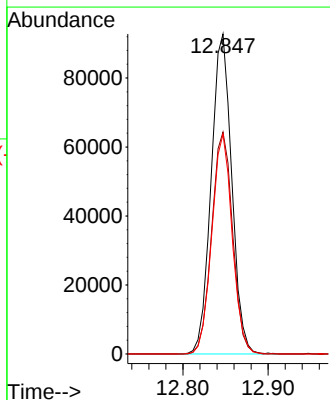
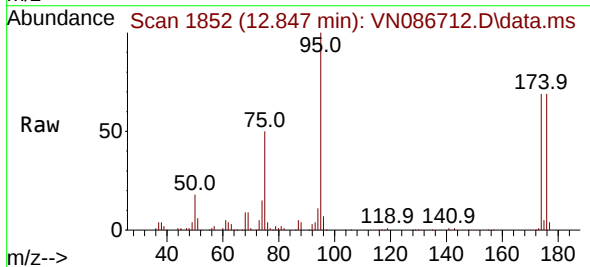
Manual Integrations
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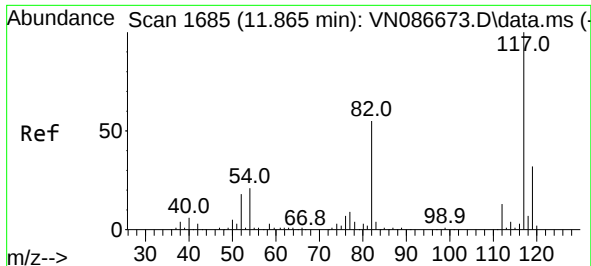
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#62
4-Bromofluorobenzene
Concen: 52.130 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086712.D
Acq: 20 May 2025 12:51

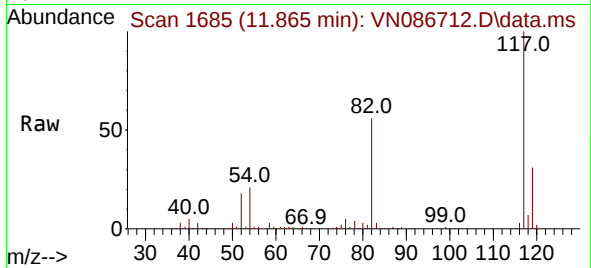
Tgt Ion: 95 Resp: 155653
Ion Ratio Lower Upper
95 100
174 70.7 0.0 145.4
176 68.1 0.0 137.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086712.D
Acq: 20 May 2025 12:51

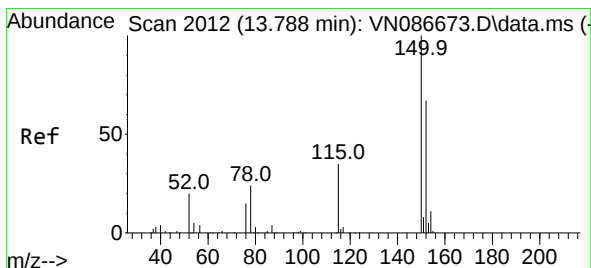
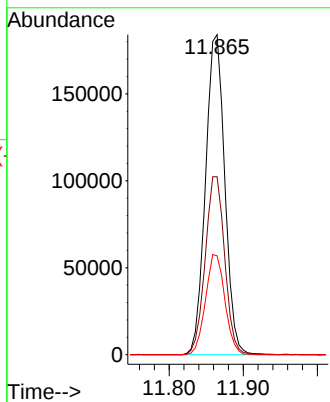
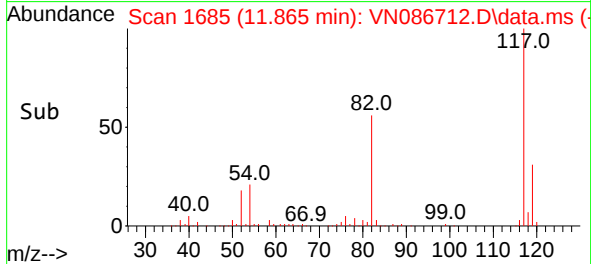
Instrument :
MSVOA_N
ClientSampleId :
L1-WC-7



Tgt Ion:117 Resp: 332540
Ion Ratio Lower Upper
117 100
82 55.6 44.2 66.2
119 30.9 25.4 38.2

Manual Integrations
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Supervised By :Mahesh Dadoda 05/21/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086712.D
Acq: 20 May 2025 12:51

Tgt Ion:152 Resp: 143683
Ion Ratio Lower Upper
152 100
115 62.1 30.0 90.1
150 159.4 0.0 347.8

