

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052025\
 Data File : VN086713.D
 Acq On : 20 May 2025 13:15
 Operator : JC\MD
 Sample : Q2071-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 L1-WC-8

Manual Integrations
 APPROVED

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

Quant Time: May 21 01:44:40 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	173685	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	343623	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	334441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	144036	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	126544	52.726	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.460%			
35) Dibromofluoromethane	8.165	113	108101	52.824	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.640%			
50) Toluene-d8	10.565	98	446399	52.639	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.280%			
62) 4-Bromofluorobenzene	12.847	95	160456	53.585	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.180%			
Target Compounds						
16) Acetone	4.430	43	26321	29.318	ug/l	98
18) Methyl Acetate	5.024	43	2903	1.155	ug/l #	68
20) Methylene Chloride	5.271	84	9835	4.151	ug/l	92
43) Isopropyl Acetate	8.683	43	22336m	3.654	ug/l	

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

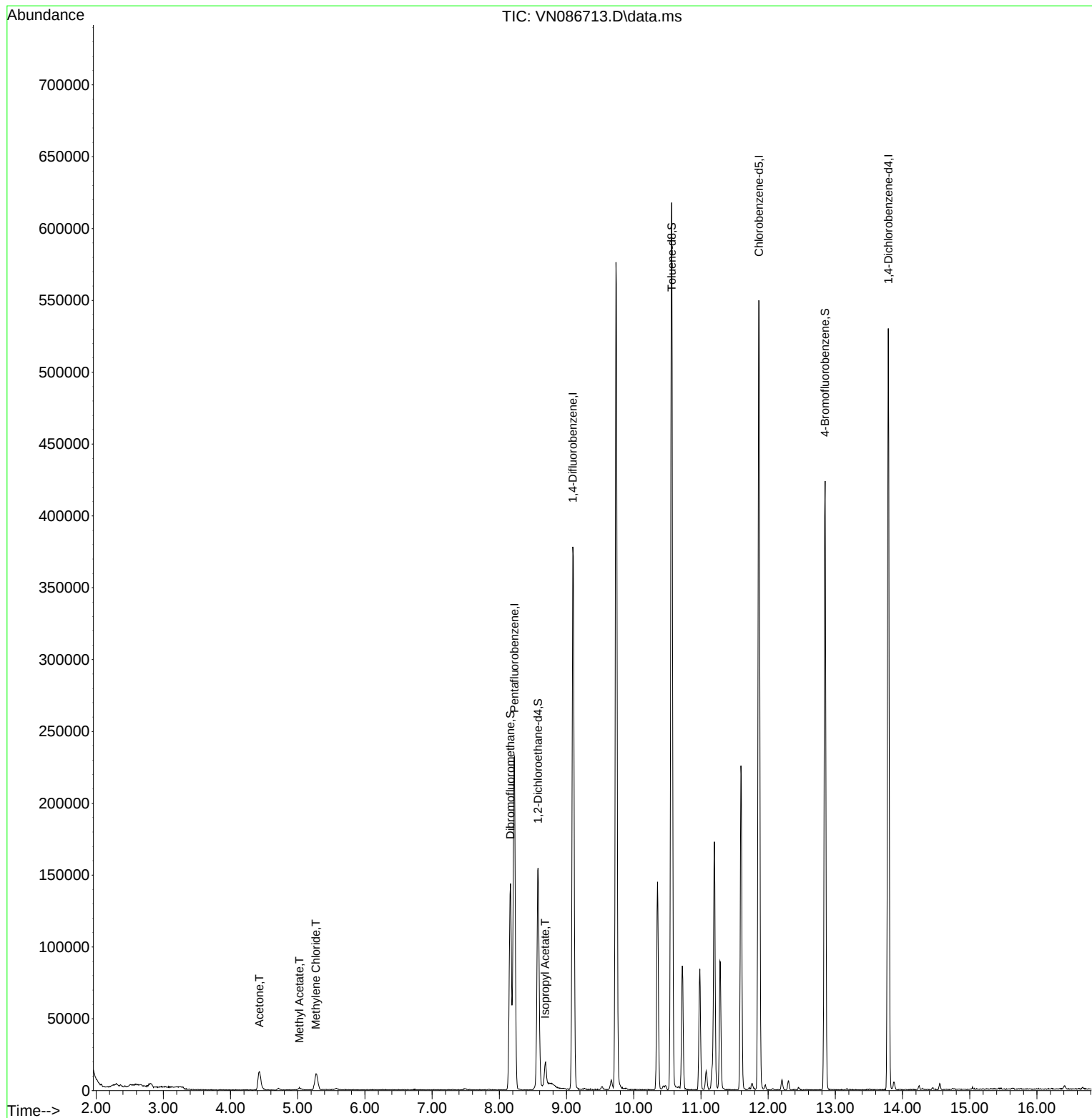
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052025\
Data File : VN086713.D
Acq On : 20 May 2025 13:15
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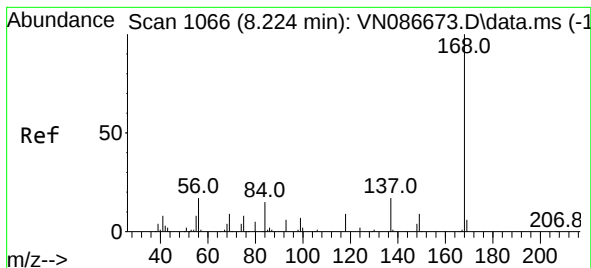
Instrument :
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L1-WC-8

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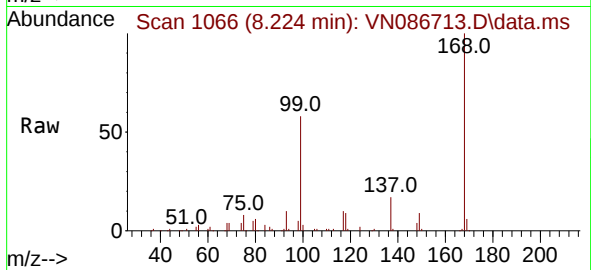
Quant Time: May 21 01:44:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260
QLast Update : Sat May 17 00:46:13 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086713.D
Acq: 20 May 2025 13:15

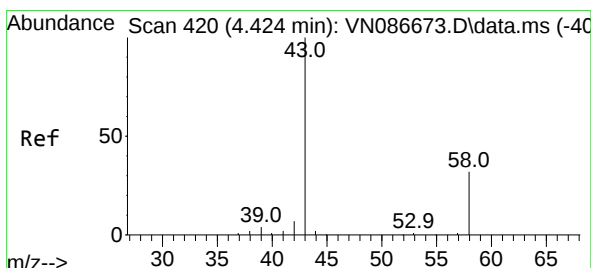
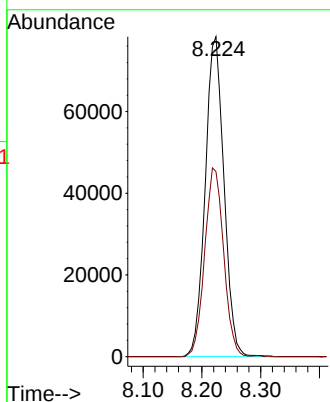
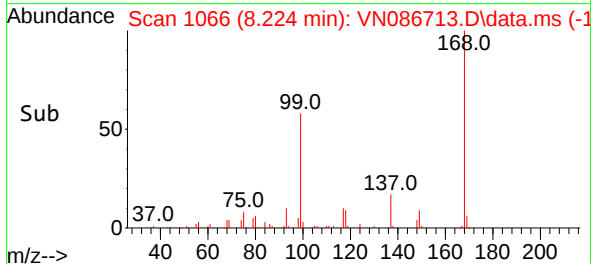
Instrument :
MSVOA_N
ClientSampleId :
L1-WC-8



Tgt Ion:168 Resp: 17368
Ion Ratio Lower Upper
168 100
99 57.9 47.0 70.4

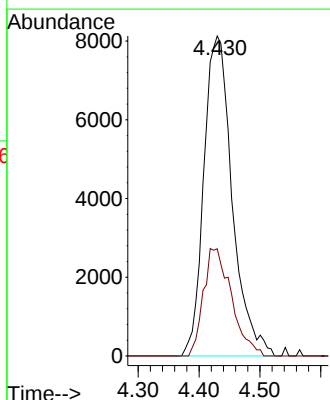
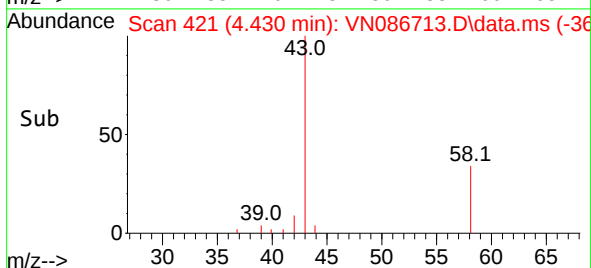
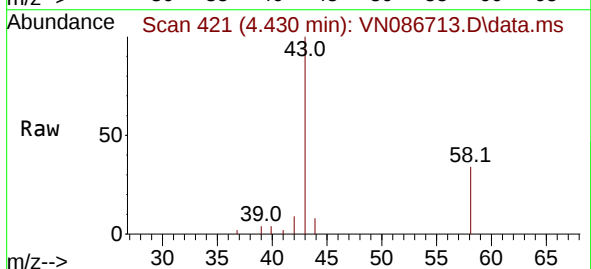
Manual Integrations
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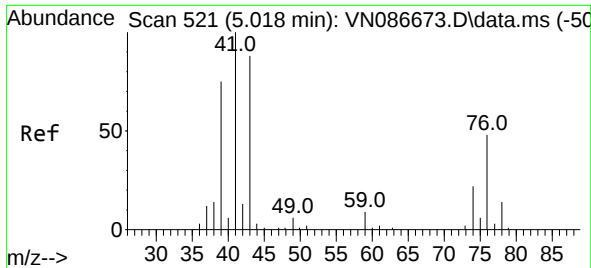
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#16
Acetone
Concen: 29.318 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086713.D
Acq: 20 May 2025 13:15

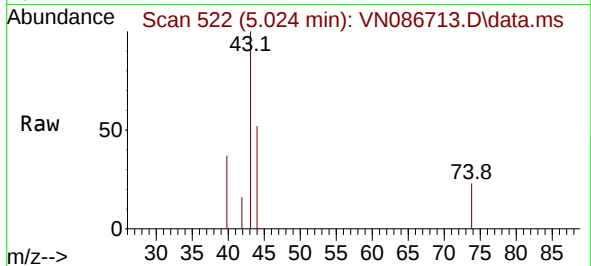
Tgt Ion: 43 Resp: 26321
Ion Ratio Lower Upper
43 100
58 33.5 25.8 38.6





#18
Methyl Acetate
Concen: 1.155 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086713.D
Acq: 20 May 2025 13:15

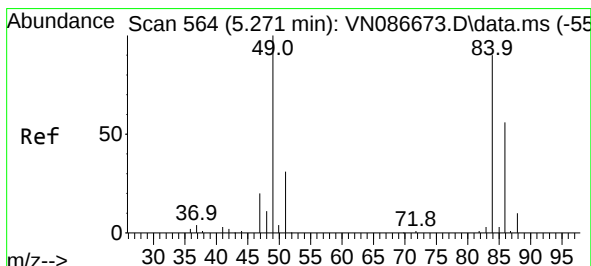
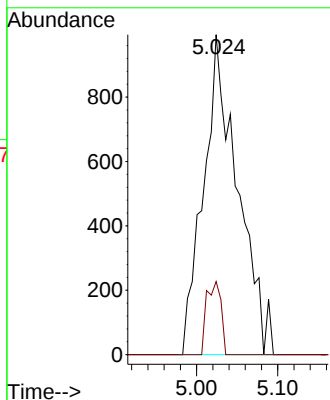
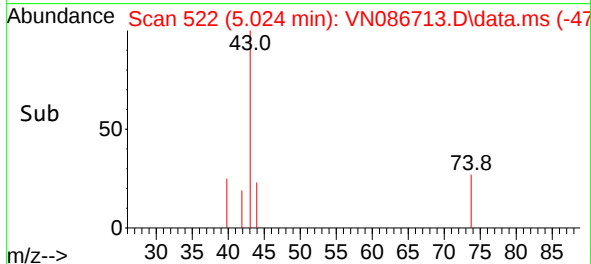
Instrument :
MSVOA_N
ClientSampleId :
L1-WC-8



Tgt Ion: 43 Resp: 290
Ion Ratio Lower Upper
43 100
74 9.5 20.5 30.7

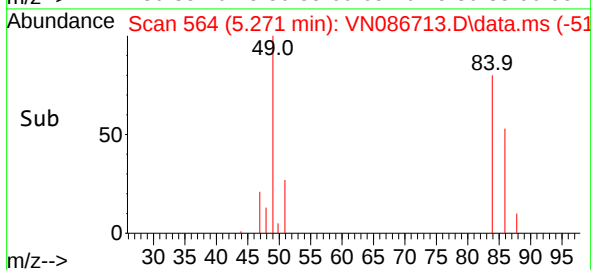
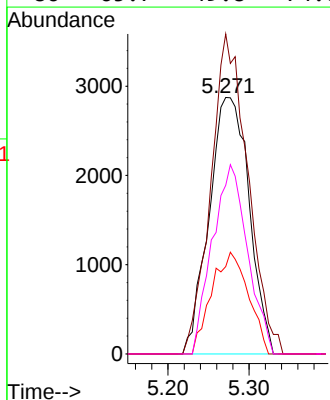
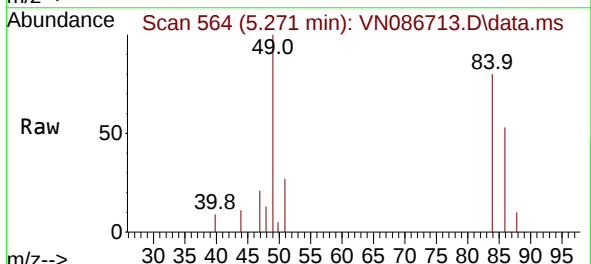
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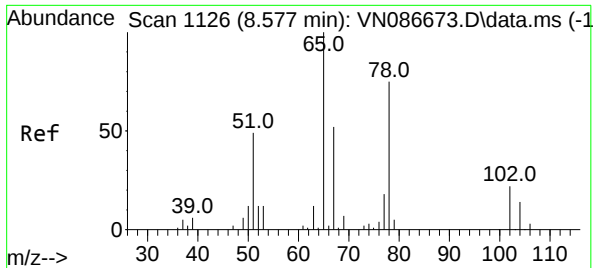
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#20
Methylene Chloride
Concen: 4.151 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN086713.D
Acq: 20 May 2025 13:15

Tgt Ion: 84 Resp: 9835
Ion Ratio Lower Upper
84 100
49 124.8 88.8 133.2
51 34.0 27.8 41.6
86 65.7 49.8 74.6





#33

1,2-Dichloroethane-d4

Concen: 52.726 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086713.D

Acq: 20 May 2025 13:15

Instrument :

MSVOA_N

ClientSampleId :

L1-WC-8

Tgt Ion: 65 Resp: 126544

Ion Ratio Lower Upper

65 100

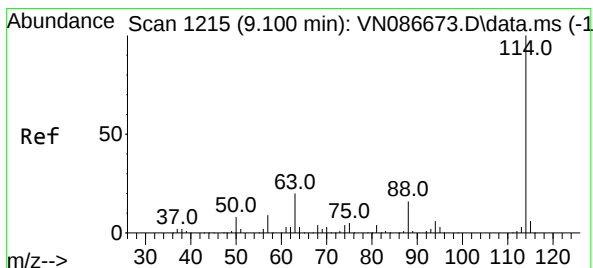
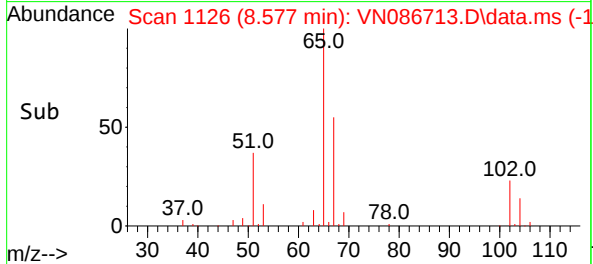
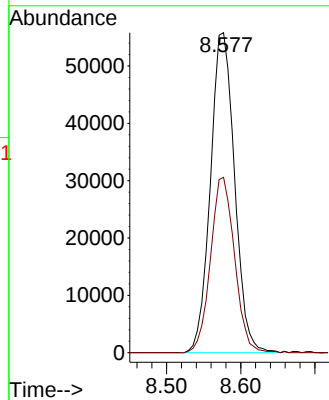
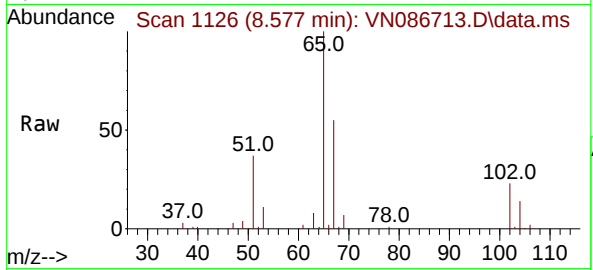
67 54.5 0.0 106.4

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: VN086713.D

Acq: 20 May 2025 13:15

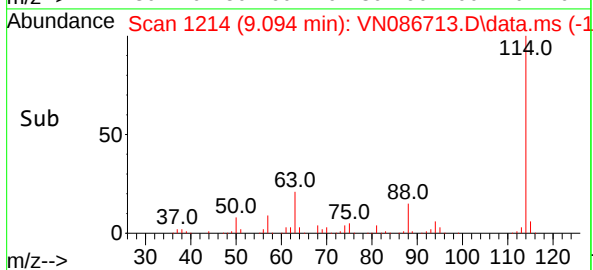
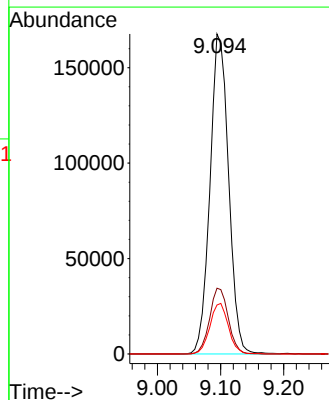
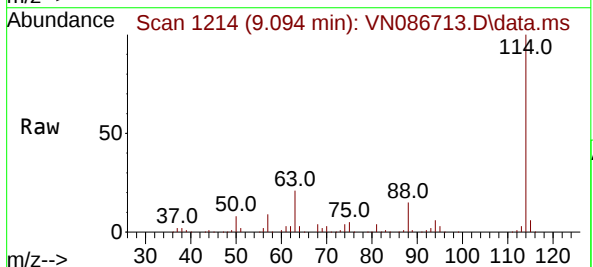
Tgt Ion:114 Resp: 343623

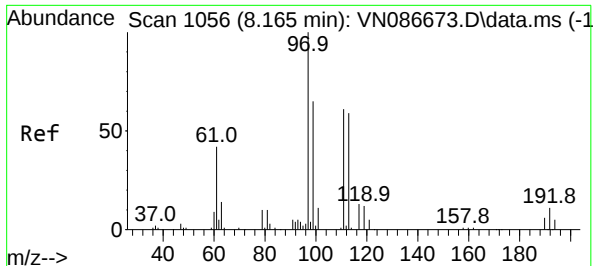
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.2

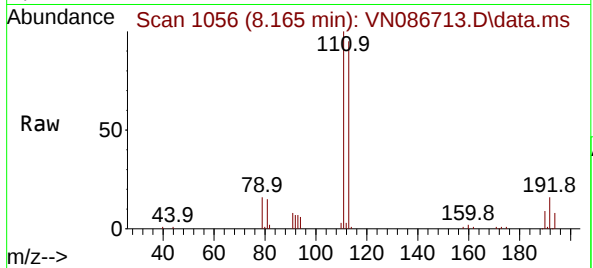
88 15.3 0.0 31.2





#35
Dibromofluoromethane
Concen: 52.824 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086713.D
Acq: 20 May 2025 13:15

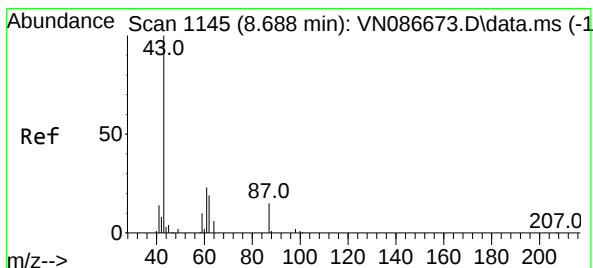
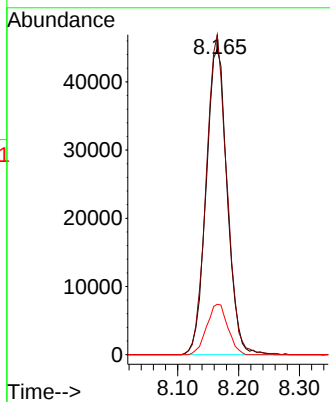
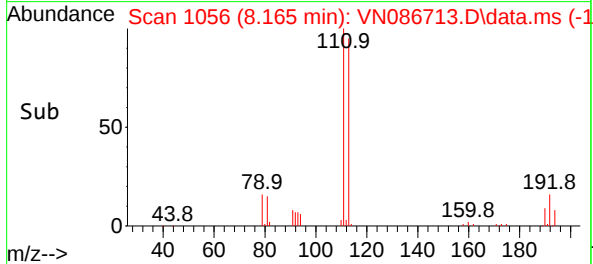
Instrument :
MSVOA_N
ClientSampleId :
L1-WC-8



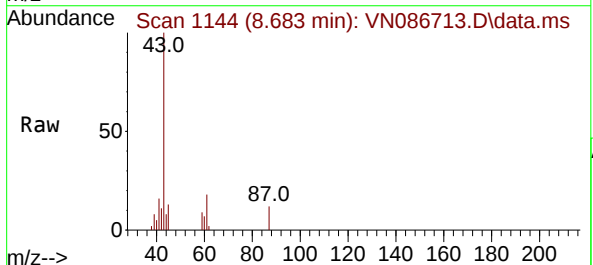
Tgt Ion: 113 Resp: 10810
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.2
192 16.4 13.8 20.8

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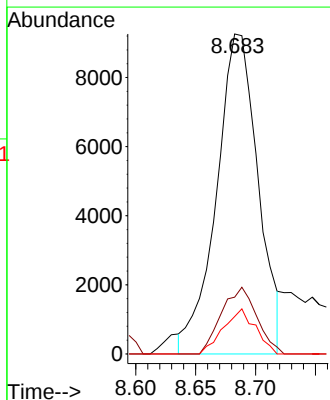
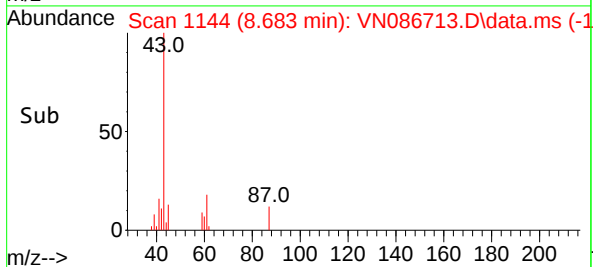
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

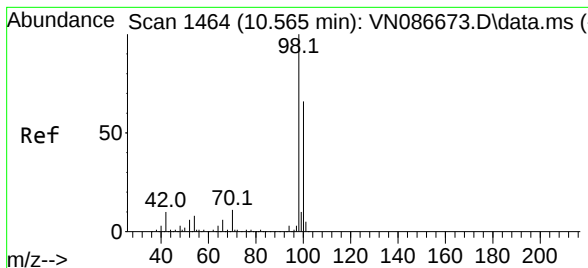


#43
Isopropyl Acetate
Concen: 3.654 ug/l m
RT: 8.683 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN086713.D
Acq: 20 May 2025 13:15



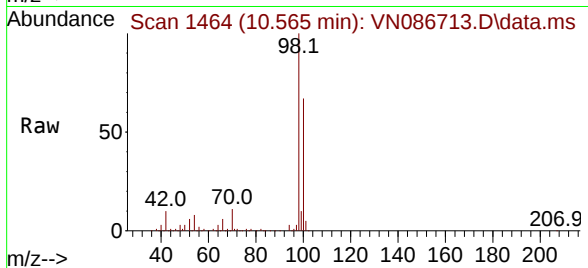
Tgt Ion: 43 Resp: 22336
Ion Ratio Lower Upper
43 100
61 17.7 21.4 32.2#
87 10.8 11.1 16.7#





#50
Toluene-d8
Concen: 52.639 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086713.D
Acq: 20 May 2025 13:15

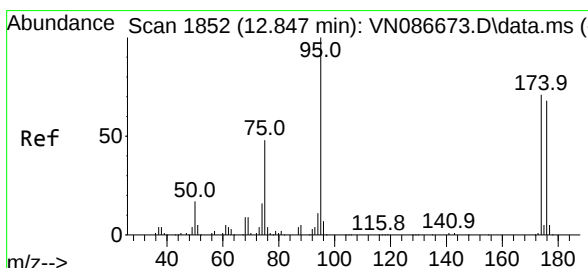
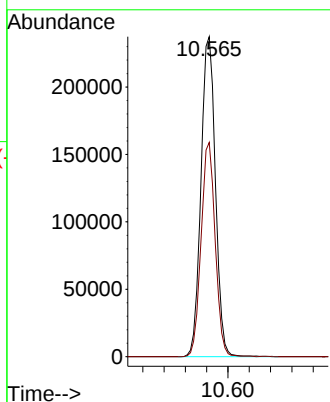
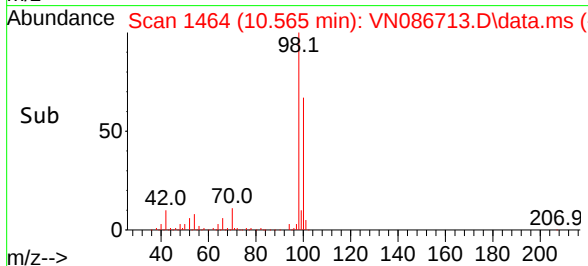
Instrument :
MSVOA_N
ClientSampleId :
L1-WC-8



Tgt Ion: 98 Resp: 446399
Ion Ratio Lower Upper
98 100
100 65.4 52.9 79.3

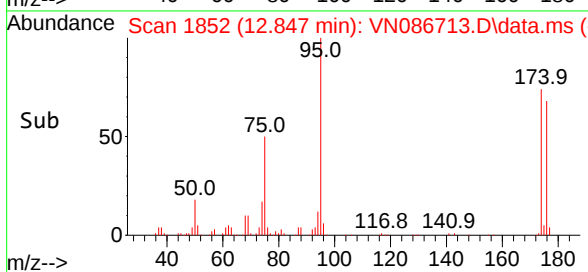
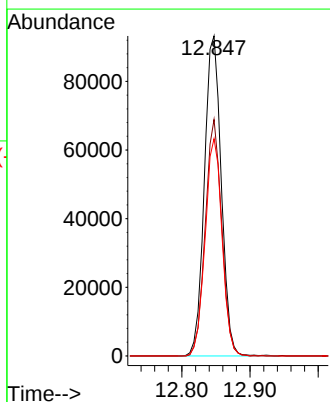
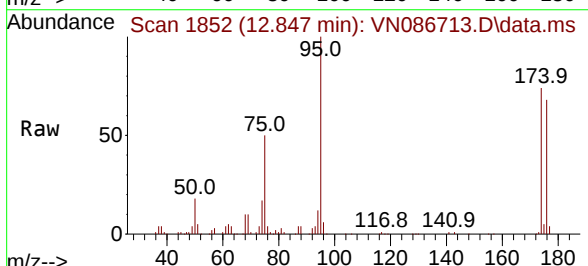
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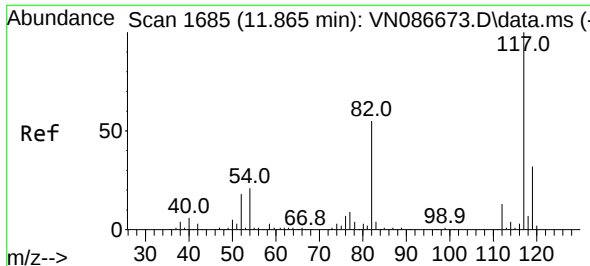
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#62
4-Bromofluorobenzene
Concen: 53.585 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086713.D
Acq: 20 May 2025 13:15

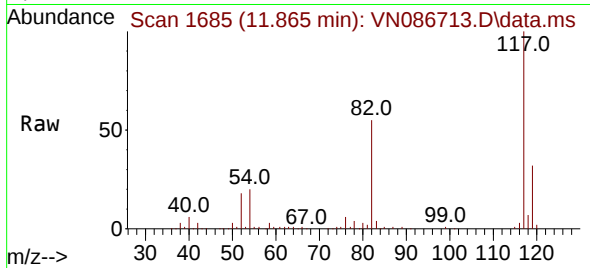
Tgt Ion: 95 Resp: 160456
Ion Ratio Lower Upper
95 100
174 72.2 0.0 145.4
176 68.2 0.0 137.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN086713.D
Acq: 20 May 2025 13:15

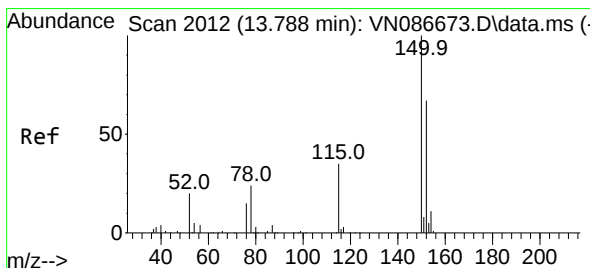
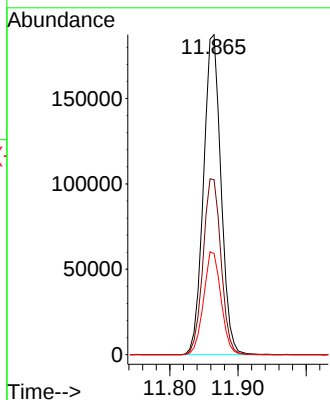
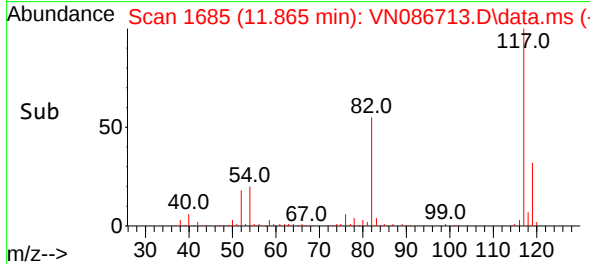
Instrument :
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L1-WC-8



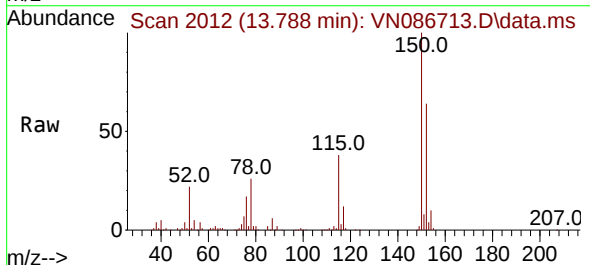
Tgt Ion:117 Resp: 33444
Ion Ratio Lower Upper
117 100
82 54.7 44.2 66.2
119 31.6 25.4 38.2

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: VN086713.D
Acq: 20 May 2025 13:15



Tgt Ion:152 Resp: 144036
Ion Ratio Lower Upper
152 100
115 61.0 30.0 90.1
150 159.2 0.0 347.8

