

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052025\
 Data File : VN086714.D
 Acq On : 20 May 2025 13:39
 Operator : JC\MD
 Sample : Q2071-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 L1-WC-9

Manual Integrations
 APPROVED

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

Quant Time: May 21 01:45:07 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	172547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	338507	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	335679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	144397	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	125197	52.509	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	=	105.020%	
35) Dibromofluoromethane	8.159	113	105776	52.469	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	=	104.940%	
50) Toluene-d8	10.565	98	448726	53.713	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	=	107.420%	
62) 4-Bromofluorobenzene	12.847	95	160321	54.349	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery	=	108.700%	
Target Compounds						Qvalue
16) Acetone	4.424	43	26732	29.973	ug/l	97
18) Methyl Acetate	5.024	43	2989	1.197	ug/l #	78
20) Methylene Chloride	5.277	84	9220	3.917	ug/l	92
43) Isopropyl Acetate	8.688	43	22092m	3.669	ug/l	

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

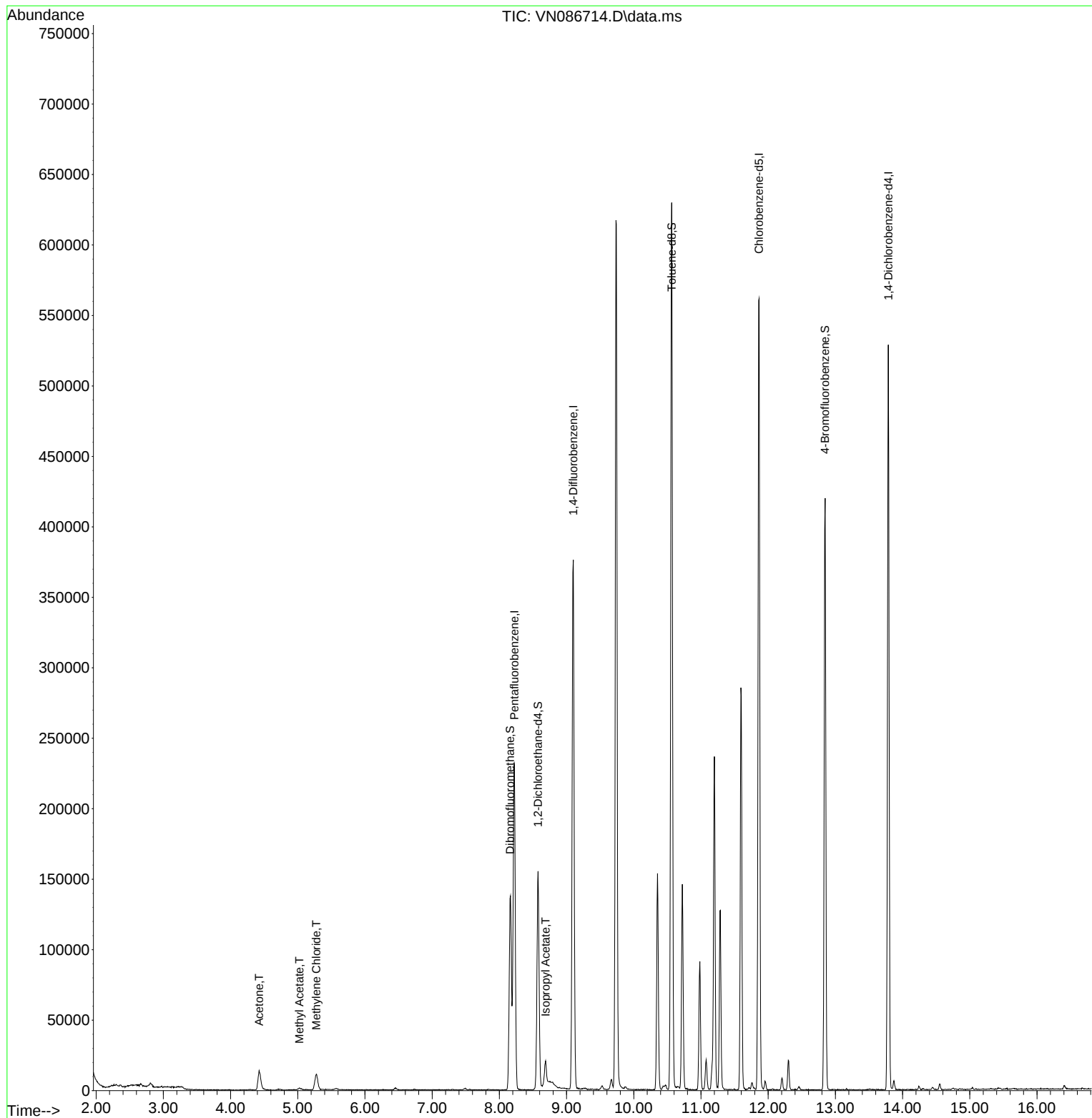
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052025\
Data File : VN086714.D
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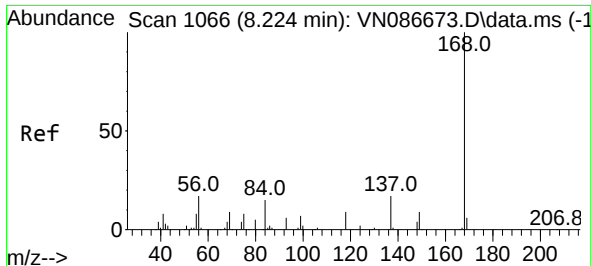
Instrument :
MSVOA_N
ClientSampleId :
L1-WC-9

Quant Time: May 21 01:45:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260
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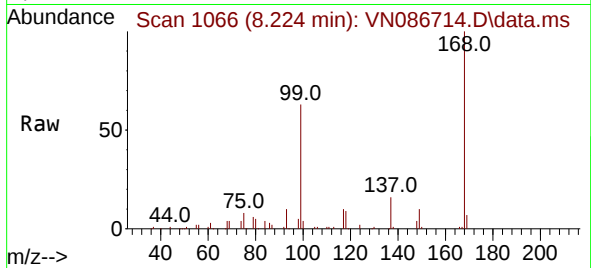
Reviewed By : John Carlone 05/21/2025
Supervised By : Mahesh Dadoda 05/21/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086714.D
Acq: 20 May 2025 13:39

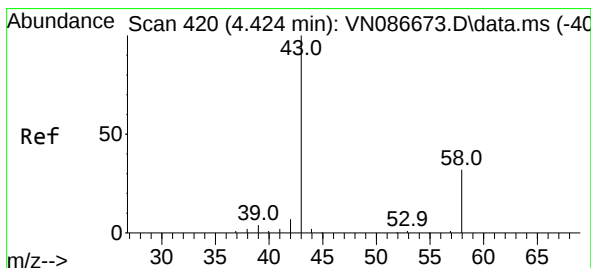
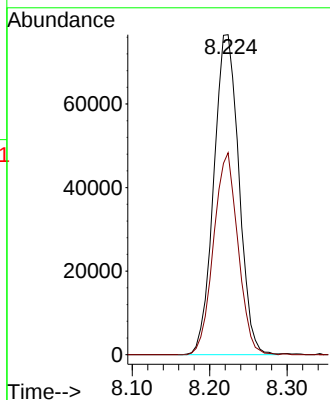
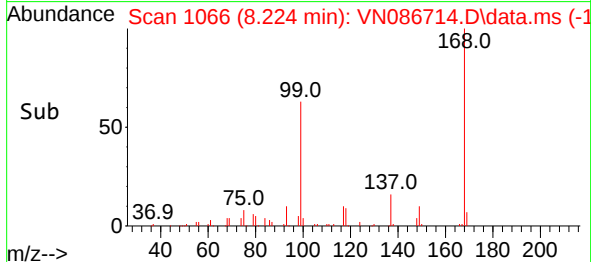
Instrument :
MSVOA_N
ClientSampleId :
L1-WC-9



Tgt Ion:168 Resp: 17254
Ion Ratio Lower Upper
168 100
99 63.1 47.0 70.4

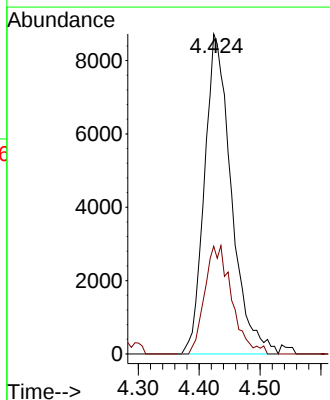
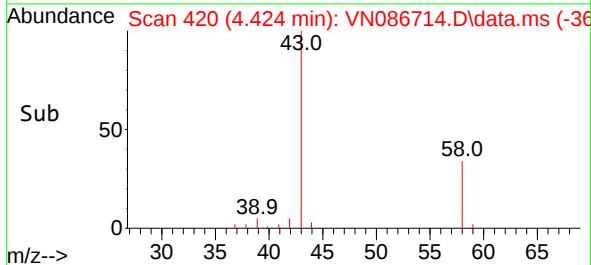
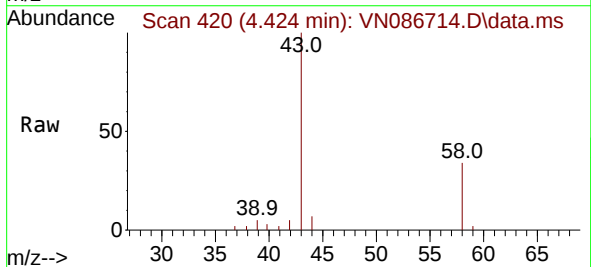
Manual Integrations
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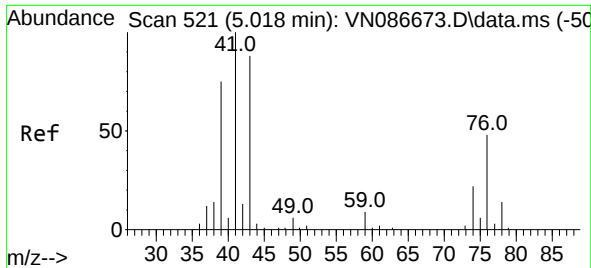
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#16
Acetone
Concen: 29.973 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086714.D
Acq: 20 May 2025 13:39

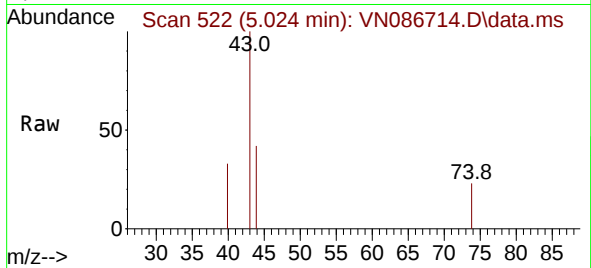
Tgt Ion: 43 Resp: 26732
Ion Ratio Lower Upper
43 100
58 33.6 25.8 38.6





#18
Methyl Acetate
Concen: 1.197 ug/l
RT: 5.024 min Scan# 518
Delta R.T. 0.006 min
Lab File: VN086714.D
Acq: 20 May 2025 13:39

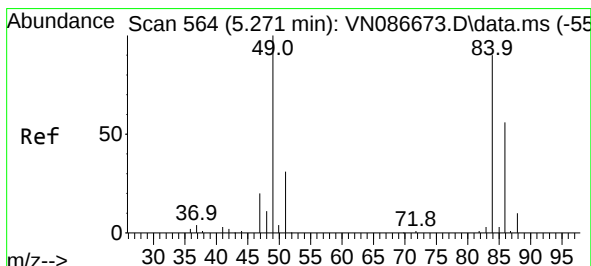
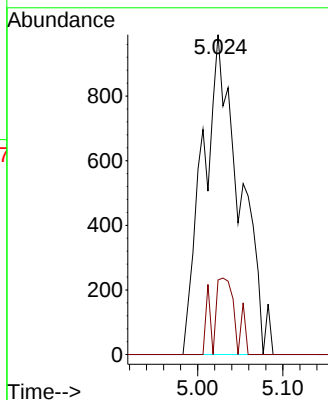
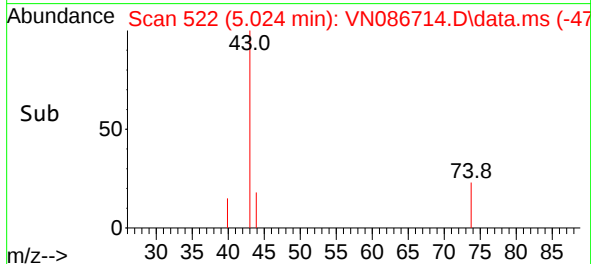
Instrument :
MSVOA_N
ClientSampleId :
L1-WC-9



Tgt Ion: 43 Resp: 2989
Ion Ratio Lower Upper
43 100
74 14.7 20.5 30.7

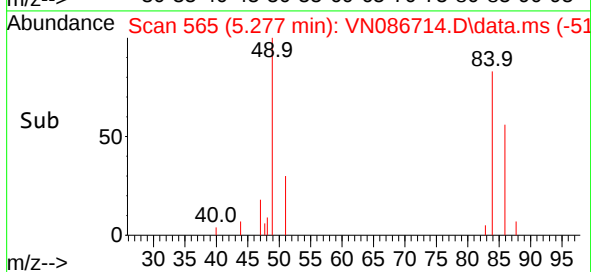
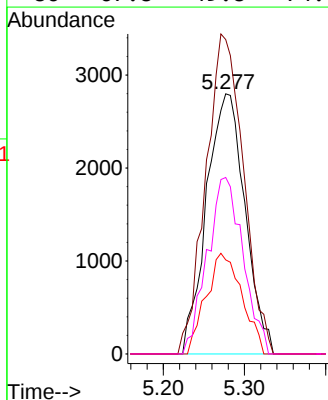
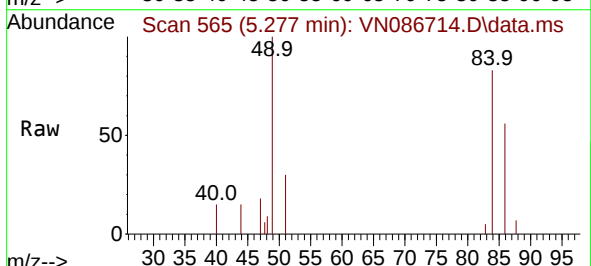
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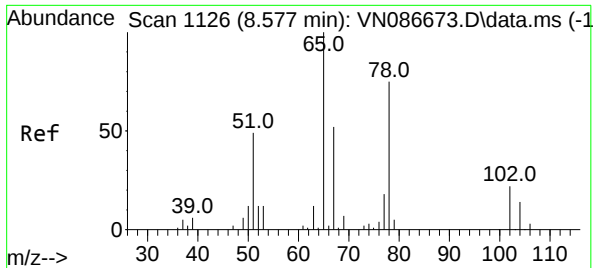
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#20
Methylene Chloride
Concen: 3.917 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086714.D
Acq: 20 May 2025 13:39

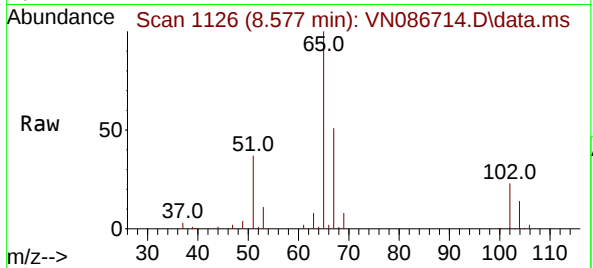
Tgt Ion: 84 Resp: 9220
Ion Ratio Lower Upper
84 100
49 120.8 88.8 133.2
51 36.2 27.8 41.6
86 67.8 49.8 74.6





#33
 1,2-Dichloroethane-d4
 Concen: 52.509 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN086714.D
 Acq: 20 May 2025 13:39

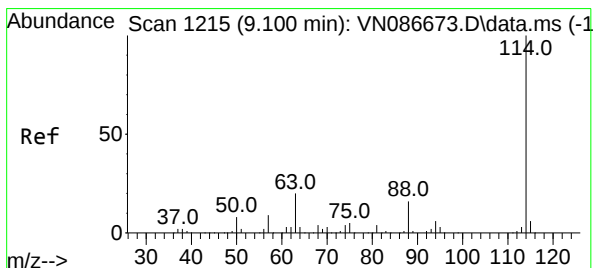
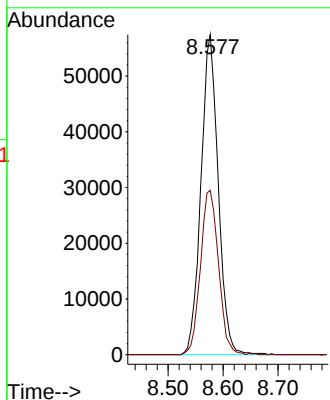
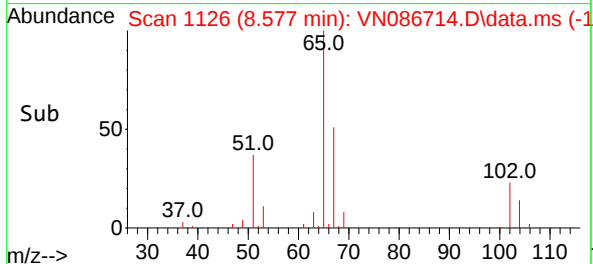
Instrument :
 MSVOA_N
 ClientSampleId :
 L1-WC-9



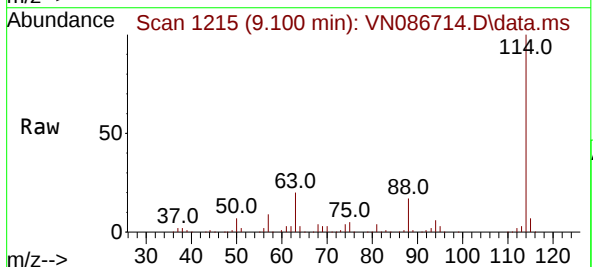
Tgt Ion: 65 Resp: 125197
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 106.4

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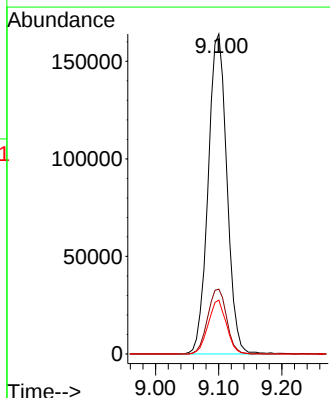
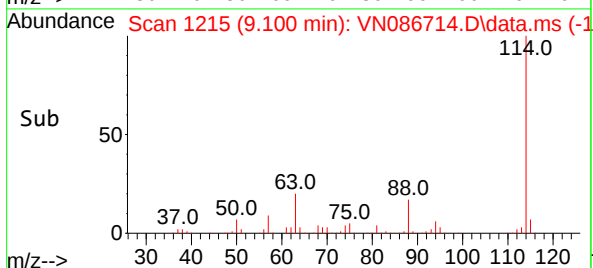
Reviewed By :John Carlone 05/21/2025
 Supervised By :Mahesh Dadoda 05/21/2025

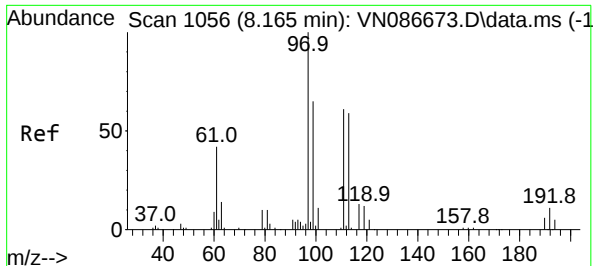


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN086714.D
 Acq: 20 May 2025 13:39



Tgt Ion:114 Resp: 338507
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.2
 88 16.9 0.0 31.2





#35

Dibromofluoromethane

Concen: 52.469 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN086714.D

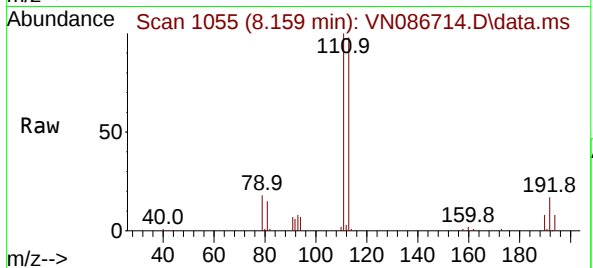
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Instrument :

MSVOA_N

ClientSampleId :

L1-WC-9



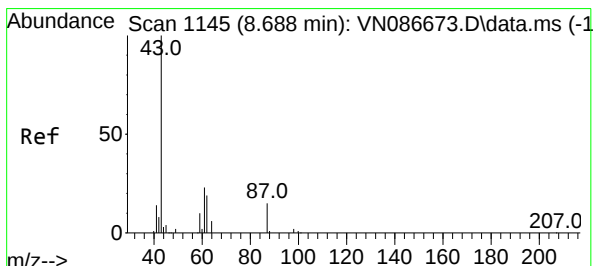
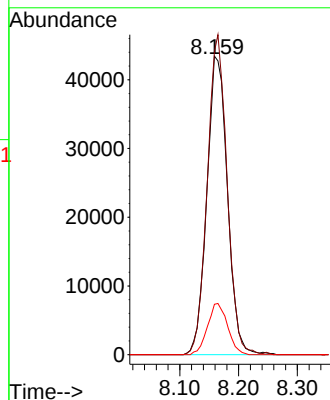
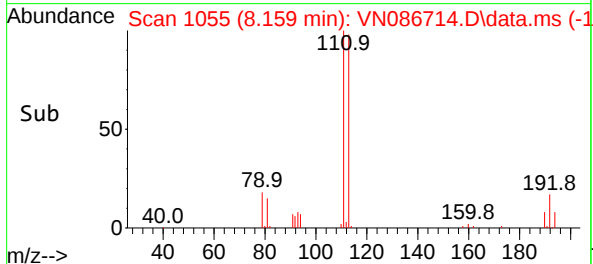
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.2
192	16.7	13.8	20.8

Manual Integrations

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Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#43

Isopropyl Acetate

Concen: 3.669 ug/l m

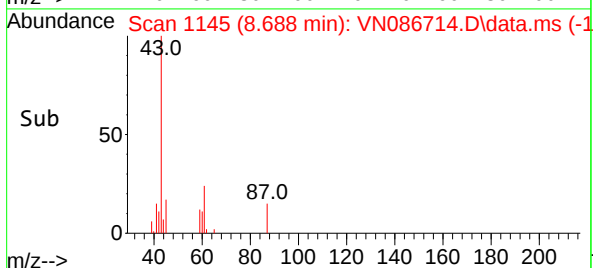
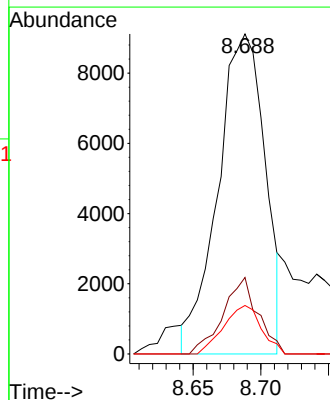
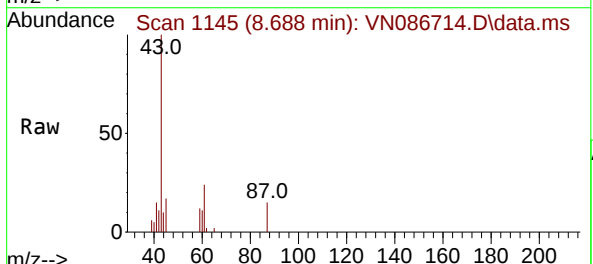
RT: 8.688 min Scan# 1145

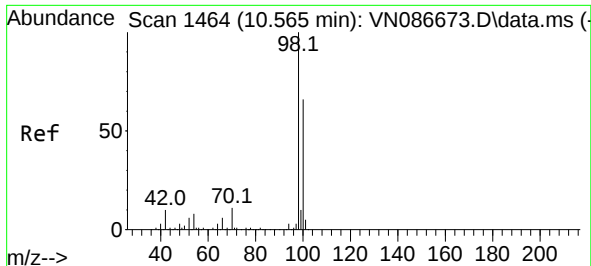
Delta R.T. -0.000 min

Lab File: VN086714.D

Acq: 20 May 2025 13:39

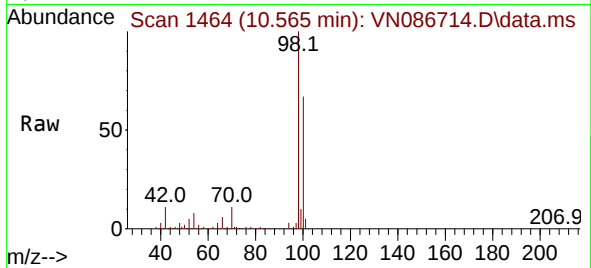
Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.7	21.4	32.2
87	12.1	11.1	16.7





#50
Toluene-d8
Concen: 53.713 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086714.D
Acq: 20 May 2025 13:39

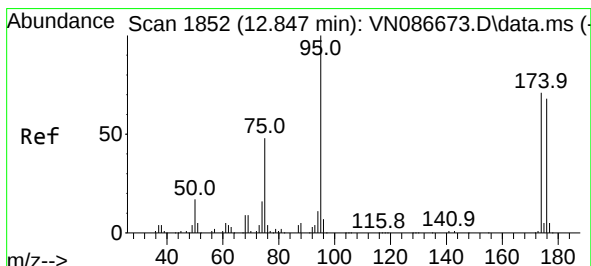
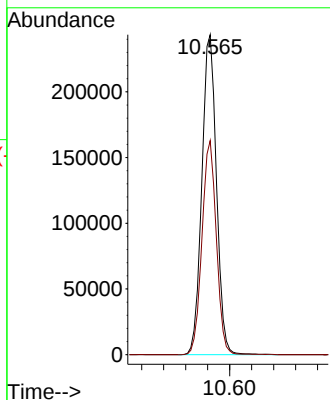
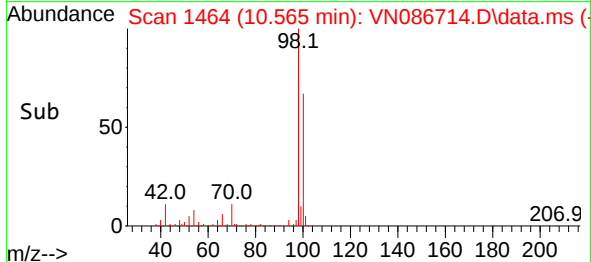
Instrument :
MSVOA_N
ClientSampleId :
L1-WC-9



Tgt Ion: 98 Resp: 448720
Ion Ratio Lower Upper
98 100
100 65.8 52.9 79.3

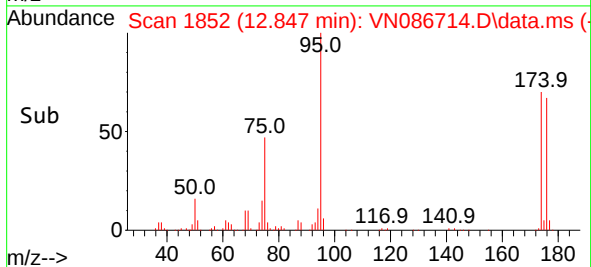
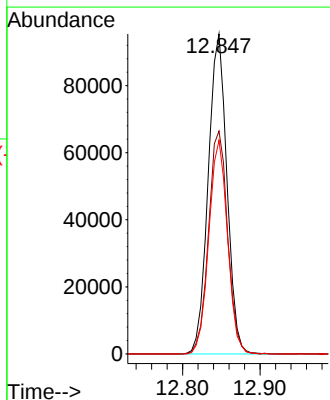
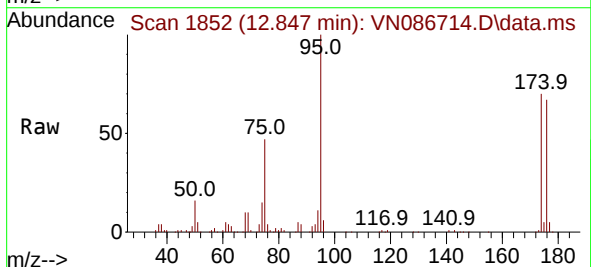
Manual Integrations
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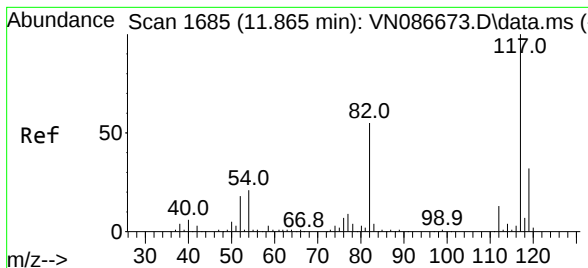
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#62
4-Bromofluorobenzene
Concen: 54.349 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086714.D
Acq: 20 May 2025 13:39

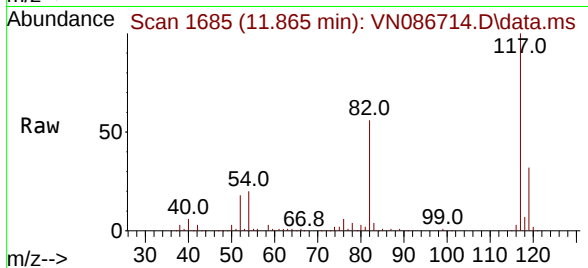
Tgt Ion: 95 Resp: 160321
Ion Ratio Lower Upper
95 100
174 71.3 0.0 145.4
176 66.6 0.0 137.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086714.D
Acq: 20 May 2025 13:39

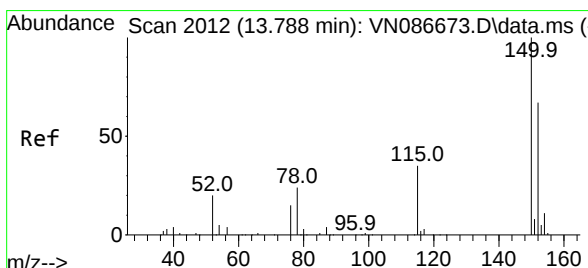
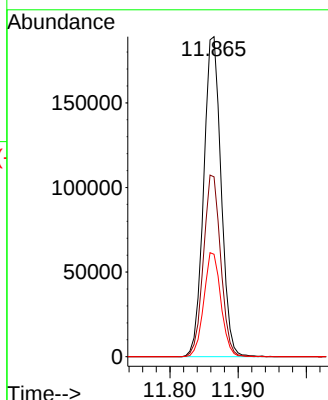
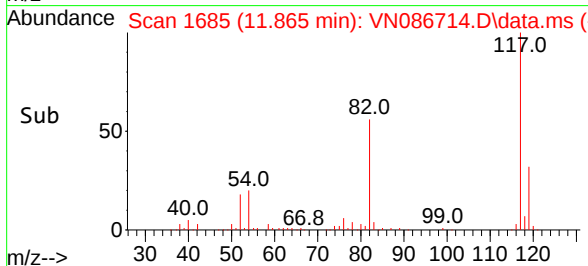
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L1-WC-9



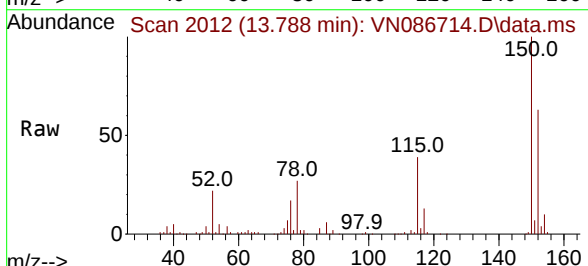
Tgt Ion:117 Resp: 335679
Ion Ratio Lower Upper
117 100
82 56.2 44.2 66.2
119 32.0 25.4 38.2

Manual Integrations
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Reviewed By :John Carlone 05/21/2025
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: VN086714.D
Acq: 20 May 2025 13:39



Tgt Ion:152 Resp: 144397
Ion Ratio Lower Upper
152 100
115 61.2 30.0 90.1
150 158.5 0.0 347.8

