

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052025\
 Data File : VN086715.D
 Acq On : 20 May 2025 14:03
 Operator : JC\MD
 Sample : Q2071-16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 L2-WC-5

Manual Integrations
 APPROVED

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

Quant Time: May 21 01:45:35 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	175425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	346371	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	338522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	142380	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	128907	53.178	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	=	106.360%	
35) Dibromofluoromethane	8.165	113	106786	51.768	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	=	103.540%	
50) Toluene-d8	10.565	98	452679	52.956	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	=	105.920%	
62) 4-Bromofluorobenzene	12.847	95	157067	52.037	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery	=	104.080%	
Target Compounds						Qvalue
16) Acetone	4.424	43	25251	27.848	ug/l	94
18) Methyl Acetate	5.018	43	3212	1.266	ug/l #	82
20) Methylene Chloride	5.277	84	9189	3.840	ug/l	96
43) Isopropyl Acetate	8.682	43	23989m	3.893	ug/l	

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

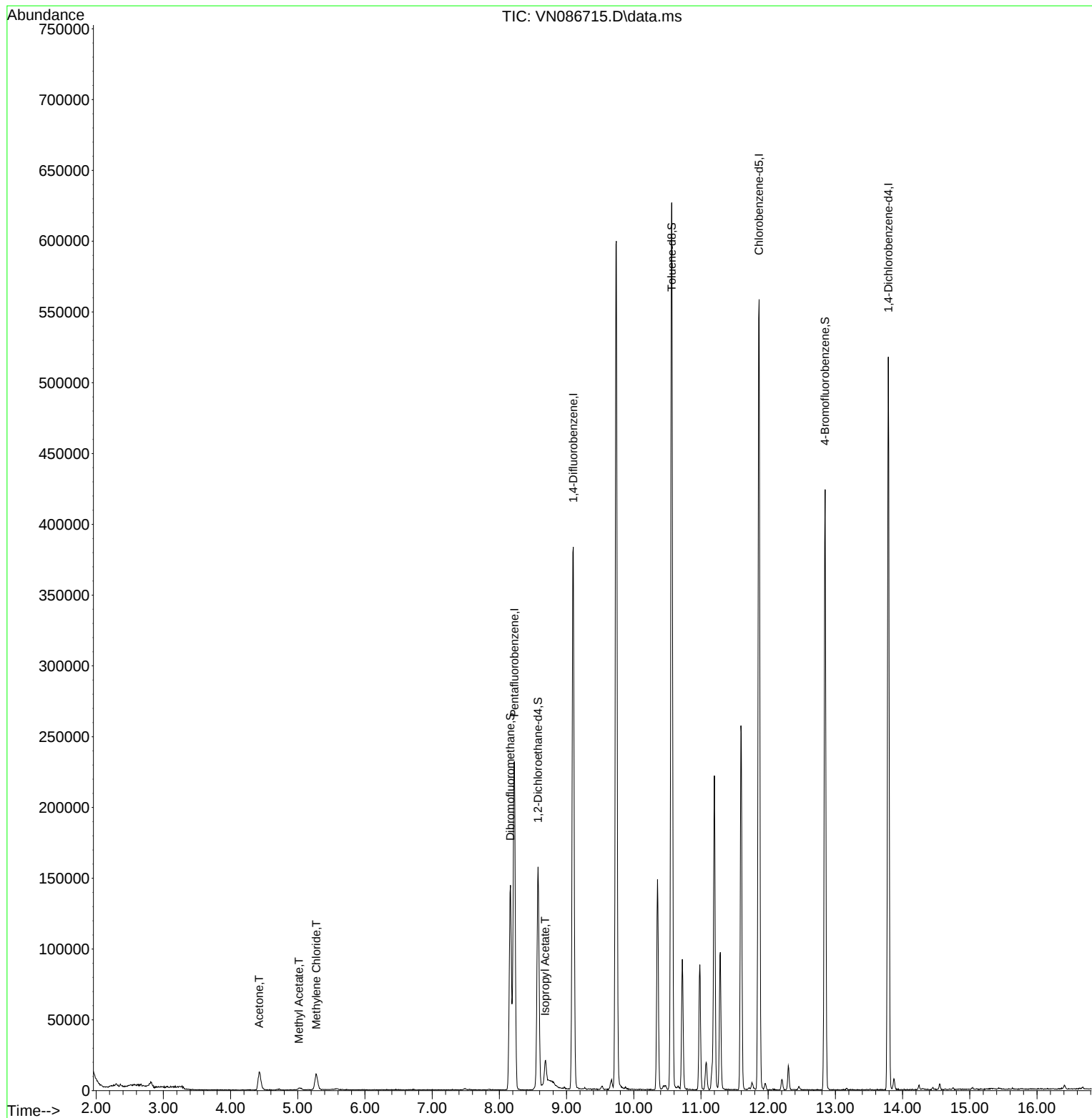
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052025\
Data File : VN086715.D
Acq On : 20 May 2025 14:03
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Sample : Q2071-16
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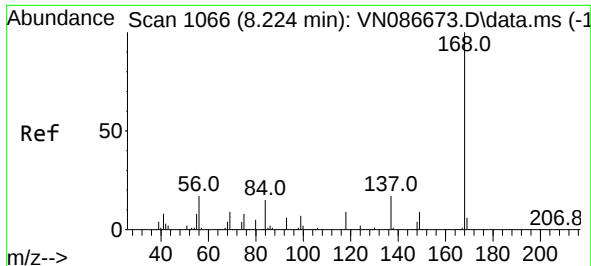
Instrument :
MSVOA_N
ClientSampleId :
L2-WC-5

Quant Time: May 21 01:45:35 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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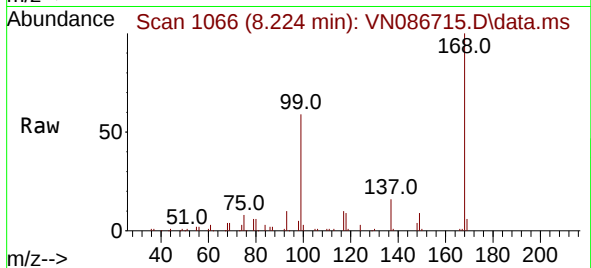
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086715.D
Acq: 20 May 2025 14:03

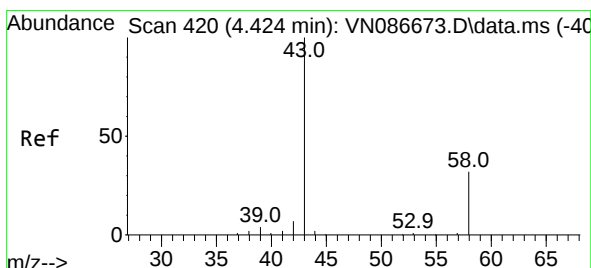
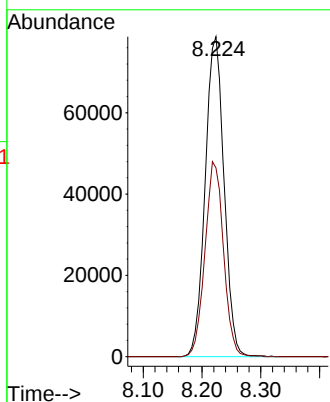
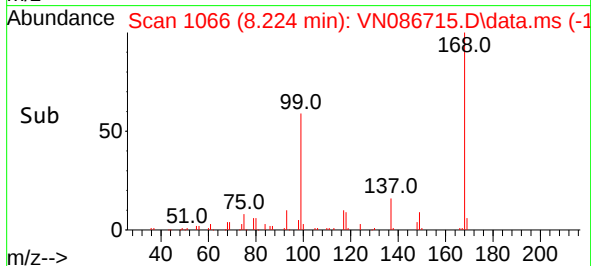
Instrument :
MSVOA_N
ClientSampleId :
L2-WC-5



Tgt Ion:168 Resp: 175425
Ion Ratio Lower Upper
168 100
99 59.0 47.0 70.4

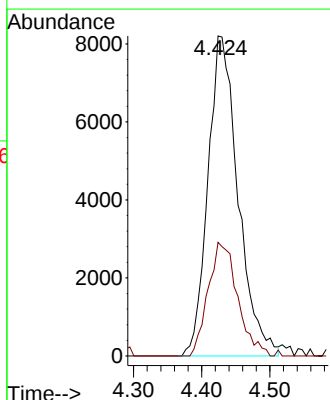
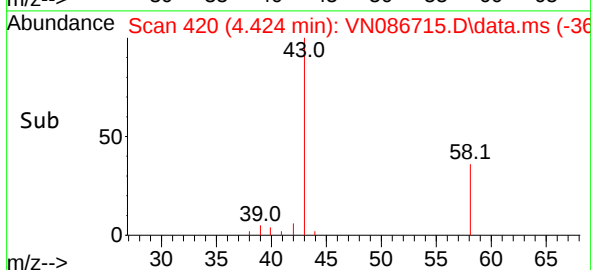
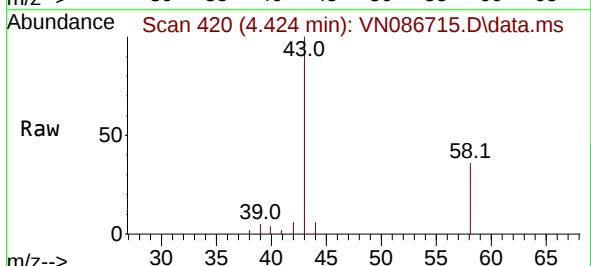
Manual Integrations
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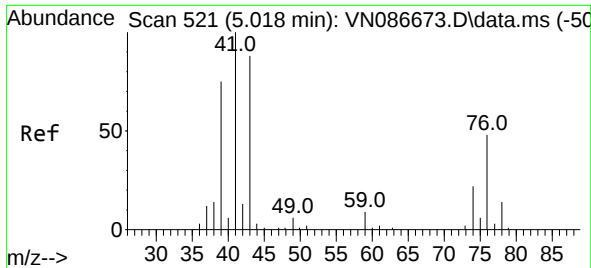
Reviewed By :John Carlone 05/21/2025
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#16
Acetone
Concen: 27.848 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086715.D
Acq: 20 May 2025 14:03

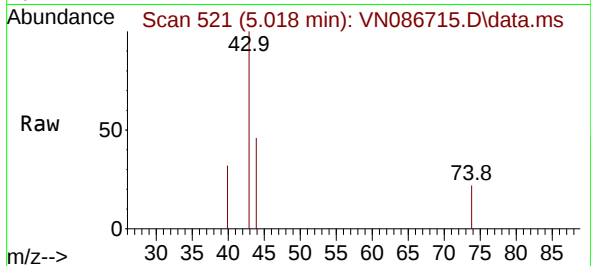
Tgt Ion: 43 Resp: 25251
Ion Ratio Lower Upper
43 100
58 35.5 25.8 38.6





#18
Methyl Acetate
Concen: 1.266 ug/l
RT: 5.018 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN086715.D
Acq: 20 May 2025 14:03

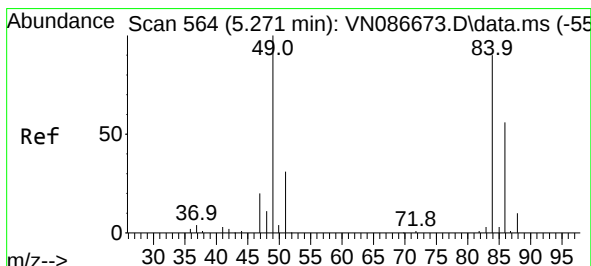
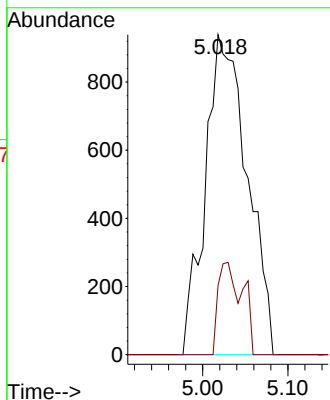
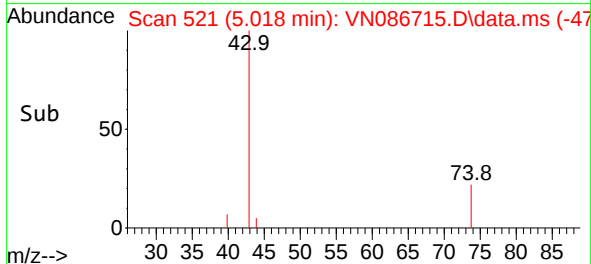
Instrument :
MSVOA_N
ClientSampleId :
L2-WC-5



Tgt Ion: 43 Resp: 321
Ion Ratio Lower Upper
43 100
74 16.6 20.5 30.7

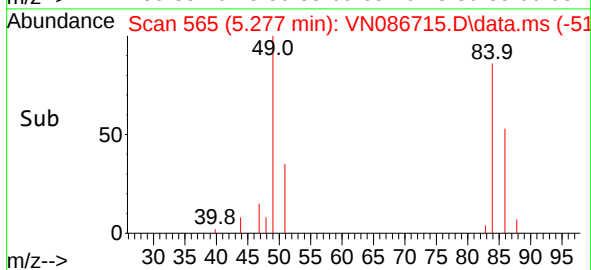
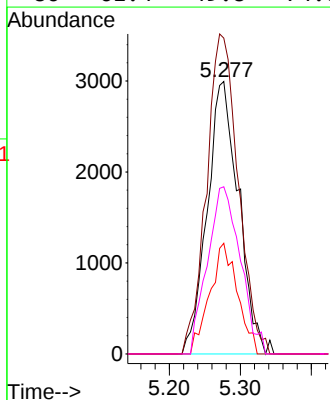
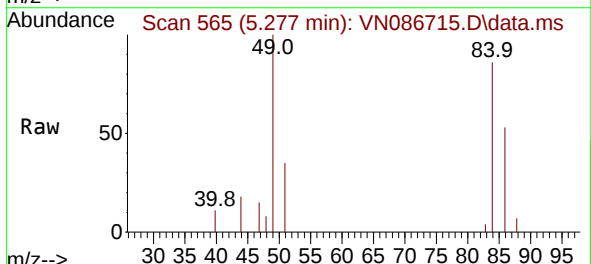
Manual Integrations
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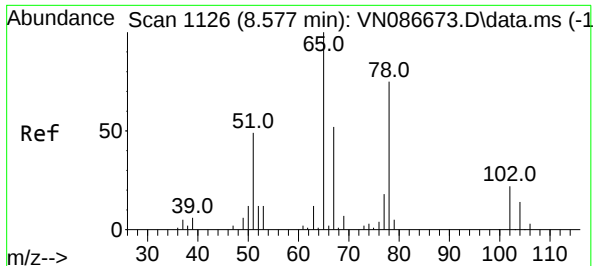
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#20
Methylene Chloride
Concen: 3.840 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086715.D
Acq: 20 May 2025 14:03

Tgt Ion: 84 Resp: 9189
Ion Ratio Lower Upper
84 100
49 115.9 88.8 133.2
51 40.6 27.8 41.6
86 61.4 49.8 74.6





#33

1,2-Dichloroethane-d4

Concen: 53.178 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086715.D

Acq: 20 May 2025 14:03

Instrument :

MSVOA_N

ClientSampleId :

L2-WC-5

Tgt Ion: 65 Resp: 12890

Ion Ratio Lower Upper

65 100

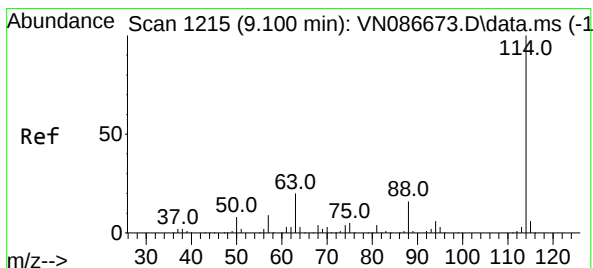
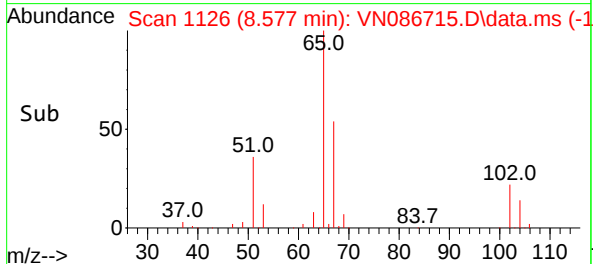
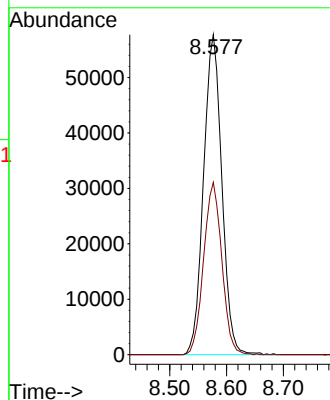
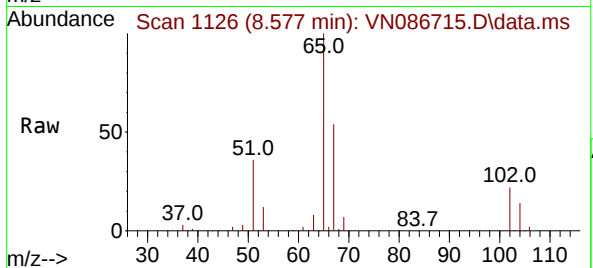
67 53.6 0.0 106.4

Manual Integrations

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Supervised By :Mahesh Dadoda 05/21/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086715.D

Acq: 20 May 2025 14:03

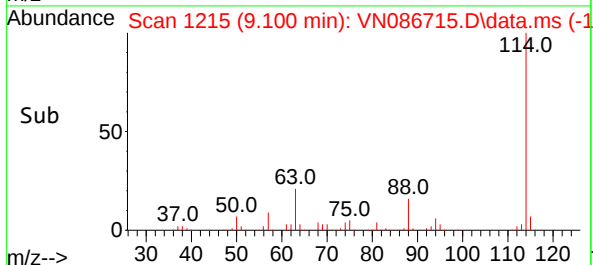
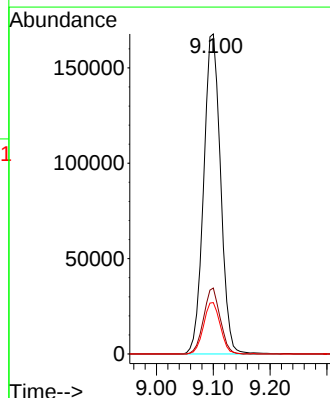
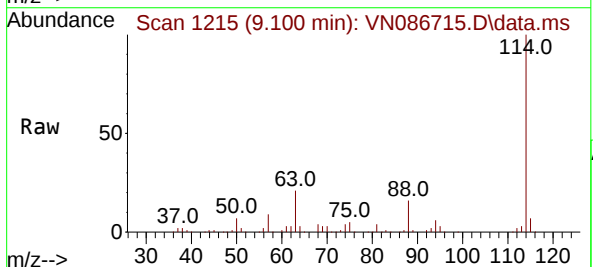
Tgt Ion:114 Resp: 346371

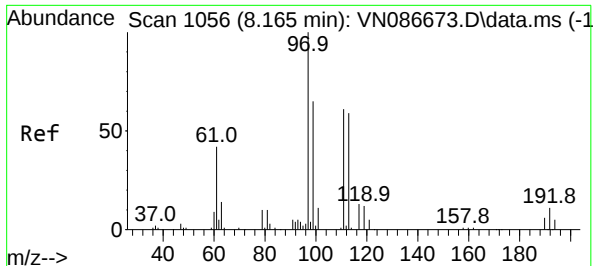
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.2

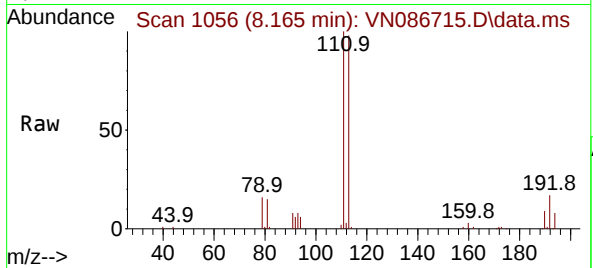
88 16.0 0.0 31.2





#35
Dibromofluoromethane
Concen: 51.768 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086715.D
Acq: 20 May 2025 14:03

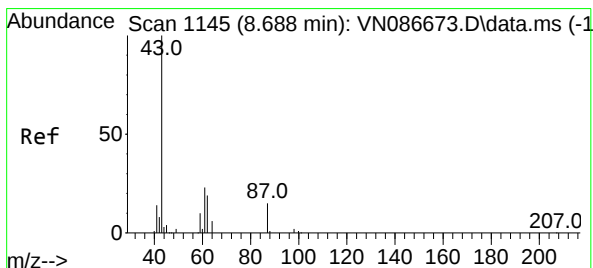
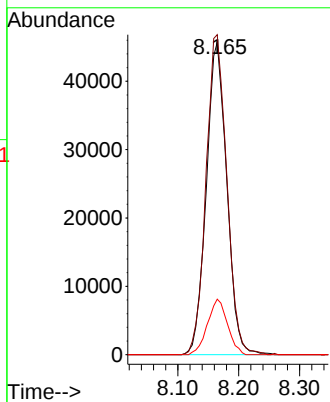
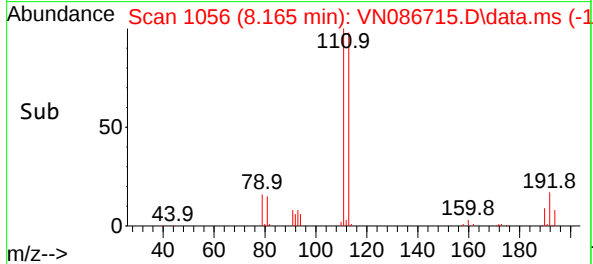
Instrument :
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ClientSampleId :
L2-WC-5



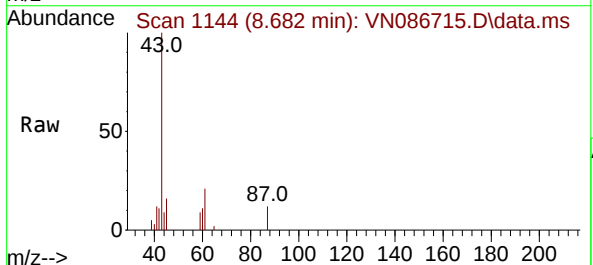
Tgt Ion: 113 Resp: 106780
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.2
192 17.4 13.8 20.8

Manual Integrations
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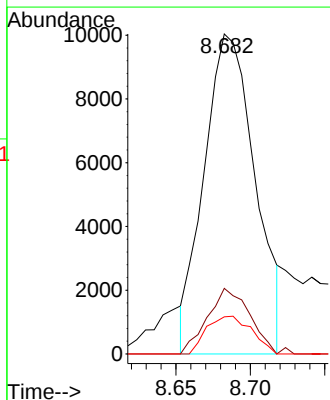
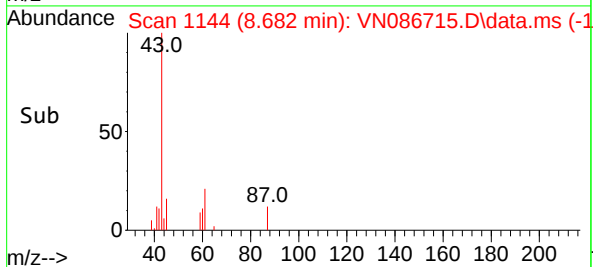
Reviewed By :John Carlone 05/21/2025
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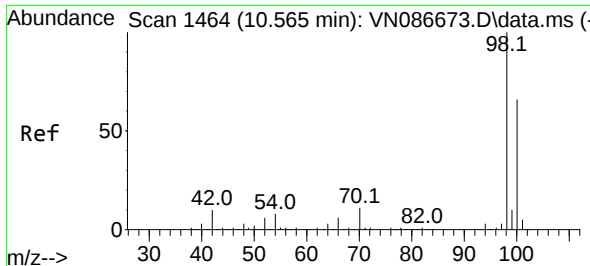


#43
Isopropyl Acetate
Concen: 3.893 ug/l m
RT: 8.682 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN086715.D
Acq: 20 May 2025 14:03



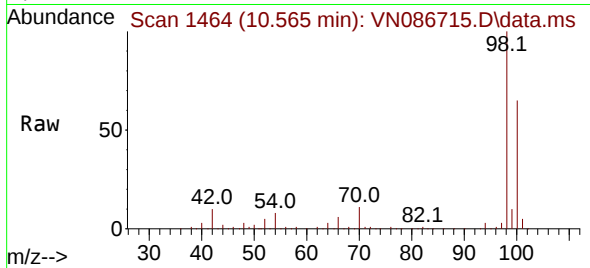
Tgt Ion: 43 Resp: 23989
Ion Ratio Lower Upper
43 100
61 17.2 21.4 32.2#
87 10.4 11.1 16.7#





#50
Toluene-d8
Concen: 52.956 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086715.D
Acq: 20 May 2025 14:03

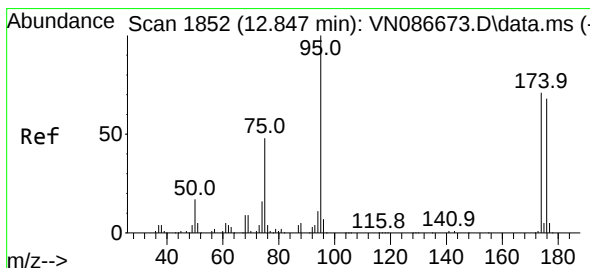
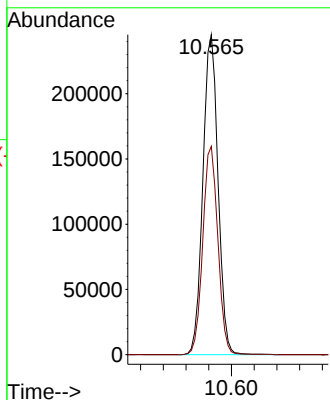
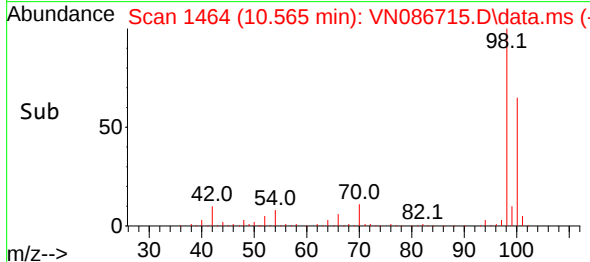
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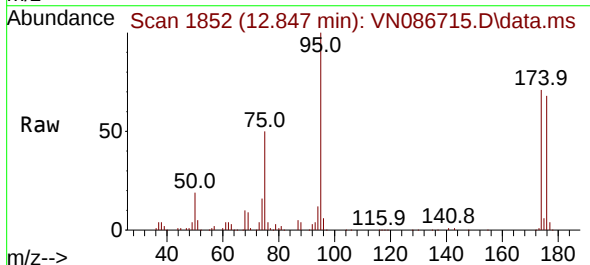
Tgt Ion: 98 Resp: 452679
Ion Ratio Lower Upper
98 100
100 64.8 52.9 79.3

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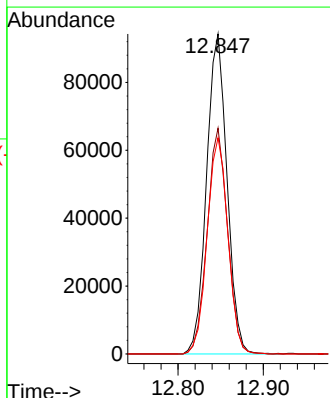
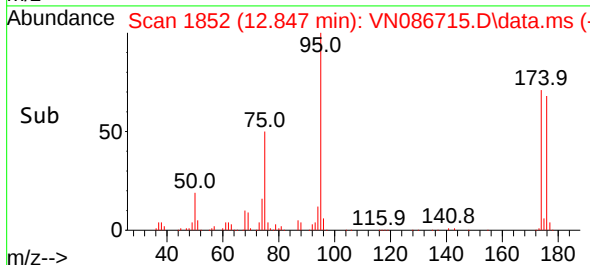
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

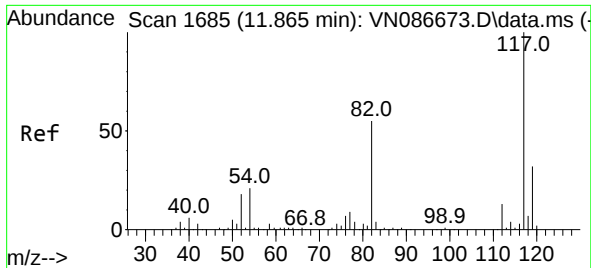


#62
4-Bromofluorobenzene
Concen: 52.037 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086715.D
Acq: 20 May 2025 14:03



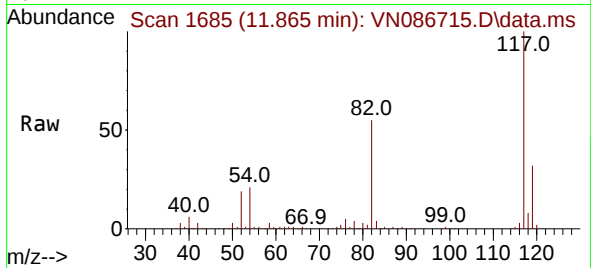
Tgt Ion: 95 Resp: 157067
Ion Ratio Lower Upper
95 100
174 70.3 0.0 145.4
176 68.5 0.0 137.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086715.D
Acq: 20 May 2025 14:03

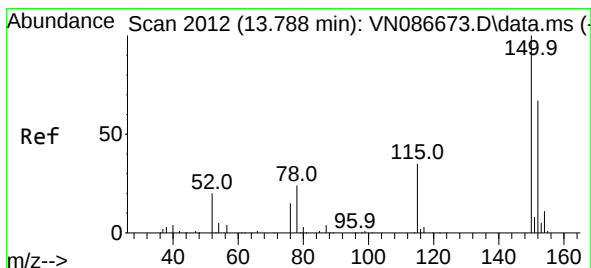
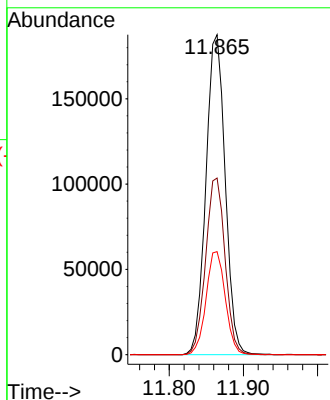
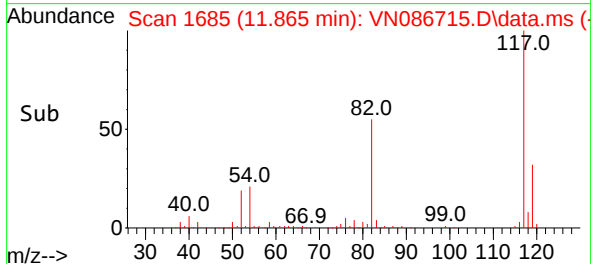
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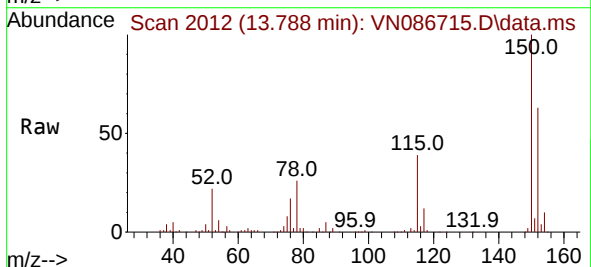
Tgt Ion:117 Resp: 33852
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 32.2 25.4 38.2

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086715.D
Acq: 20 May 2025 14:03



Tgt Ion:152 Resp: 142380
Ion Ratio Lower Upper
152 100
115 61.4 30.0 90.1
150 157.5 0.0 347.8

