

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052025\
 Data File : VN086716.D
 Acq On : 20 May 2025 14:27
 Operator : JC\MD
 Sample : Q2071-20
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 L2-WC-6

Manual Integrations
 APPROVED

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

Quant Time: May 21 06:52:45 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	163875	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	320845	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	314832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	135146	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	121316	53.574	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.140%			
35) Dibromofluoromethane	8.165	113	100902	52.807	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.620%			
50) Toluene-d8	10.565	98	422219	53.322	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.640%			
62) 4-Bromofluorobenzene	12.847	95	151323	54.123	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.240%			
Target Compounds					Qvalue	
16) Acetone	4.424	43	31630	37.341	ug/l	99
18) Methyl Acetate	5.036	43	3316	1.399	ug/l #	83
20) Methylene Chloride	5.283	84	9832	4.399	ug/l	98
39) Methylcyclohexane	9.600	83	63416	20.789	ug/l	96
43) Isopropyl Acetate	8.683	43	26903m	4.714	ug/l	
73) Isopropylbenzene	12.694	105	29437	2.820	ug/l	98
78) n-propylbenzene	13.029	91	33712	2.814	ug/l	99

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

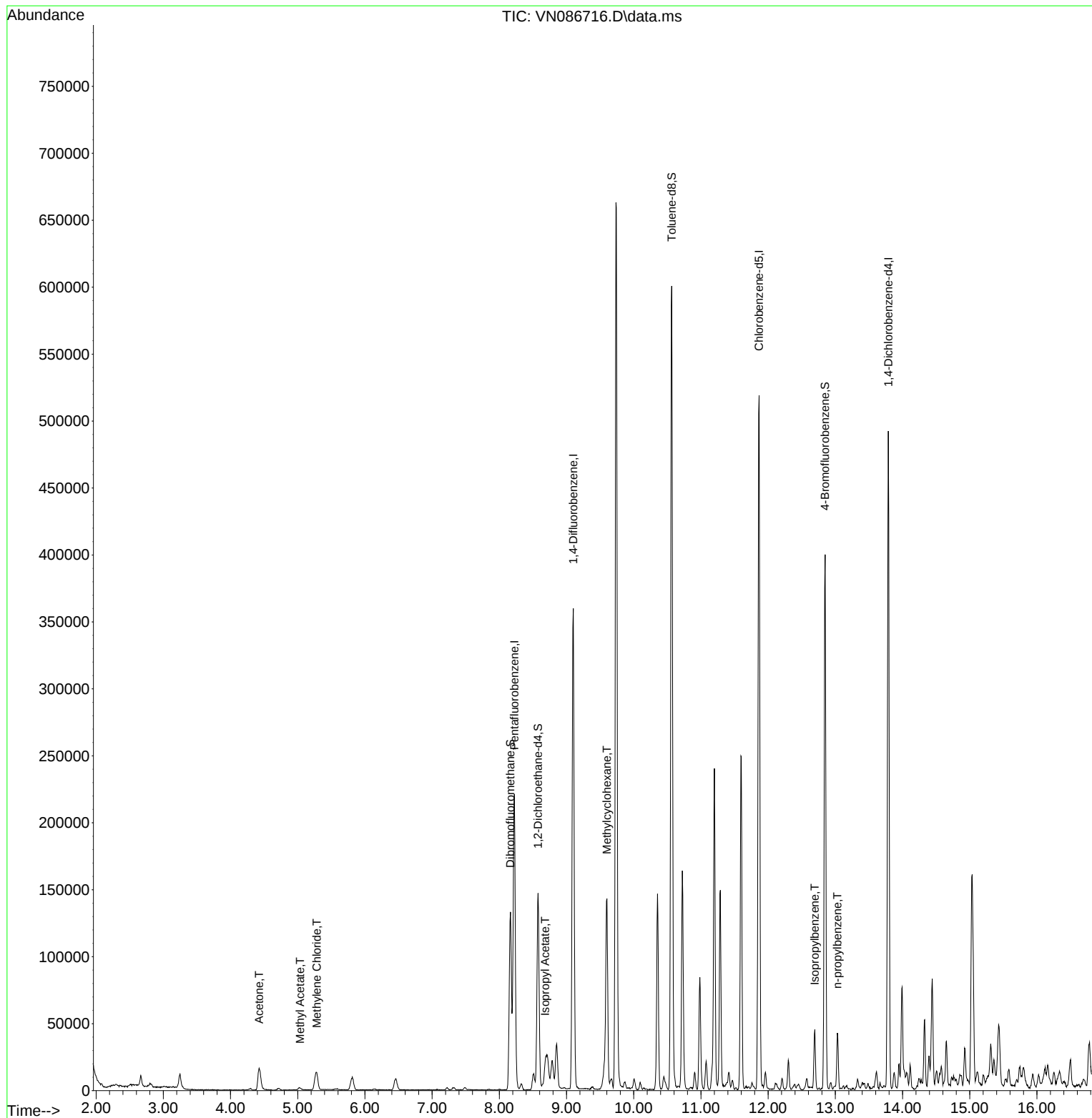
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052025\
Data File : VN086716.D
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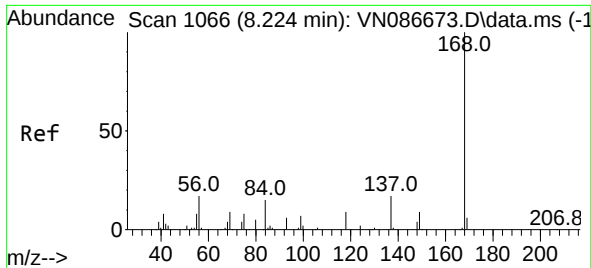
Instrument :
MSVOA_N
ClientSampleId :
L2-WC-6

Quant Time: May 21 06:52:45 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

Manual Integrations
APPROVED

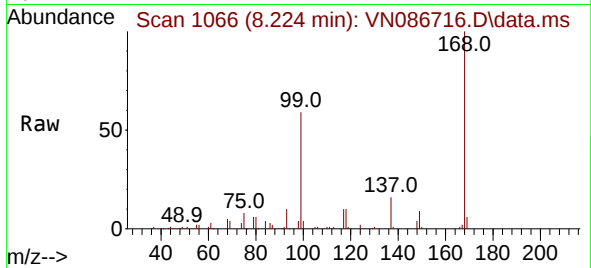
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086716.D
Acq: 20 May 2025 14:27

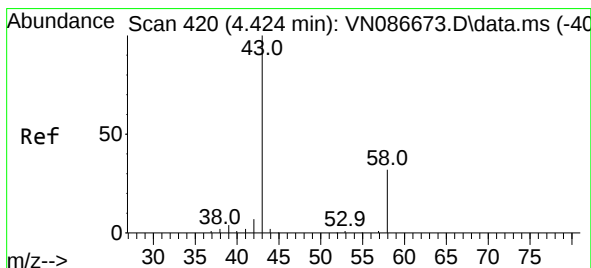
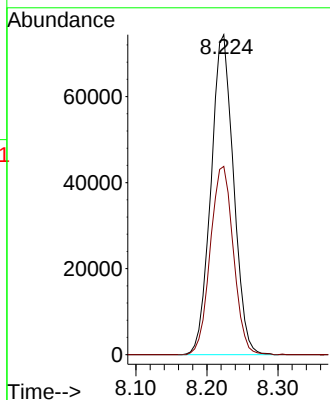
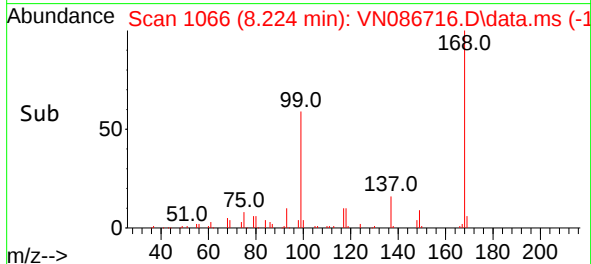
Instrument :
MSVOA_N
ClientSampleId :
L2-WC-6



Tgt Ion:168 Resp: 163875
Ion Ratio Lower Upper
168 100
99 58.8 47.0 70.4

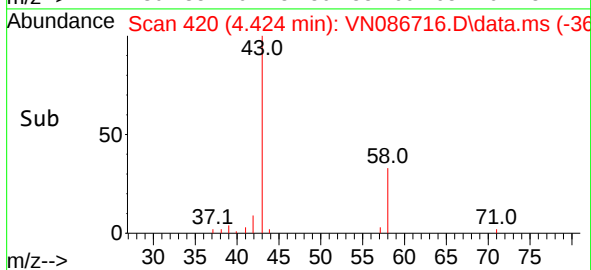
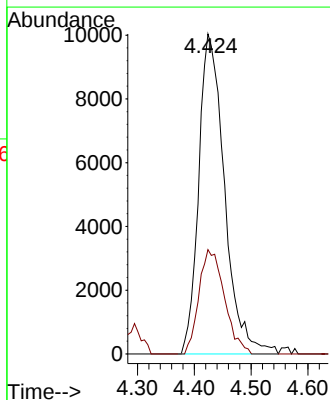
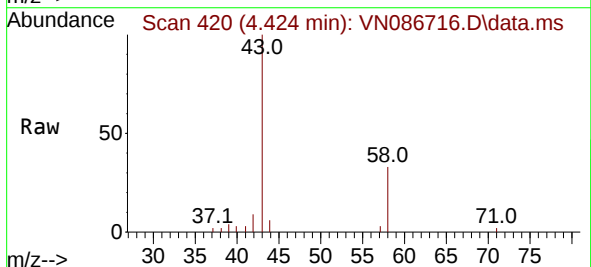
Manual Integrations
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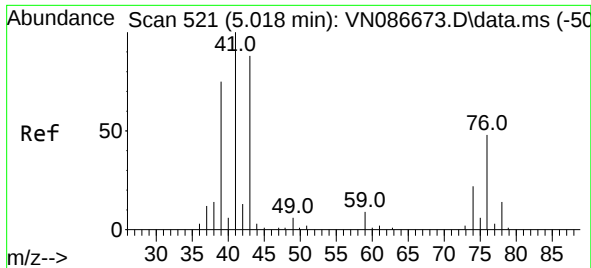
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#16
Acetone
Concen: 37.341 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN086716.D
Acq: 20 May 2025 14:27

Tgt Ion: 43 Resp: 31630
Ion Ratio Lower Upper
43 100
58 32.6 25.8 38.6





#18

Methyl Acetate

Concen: 1.399 ug/l

RT: 5.036 min Scan# 51

Delta R.T. 0.018 min

Lab File: VN086716.D

Acq: 20 May 2025 14:27

Instrument :

MSVOA_N

ClientSampleId :

L2-WC-6

Tgt Ion: 43 Resp: 3310

Ion Ratio Lower Upper

43 100

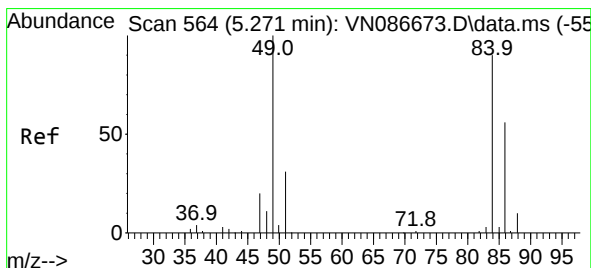
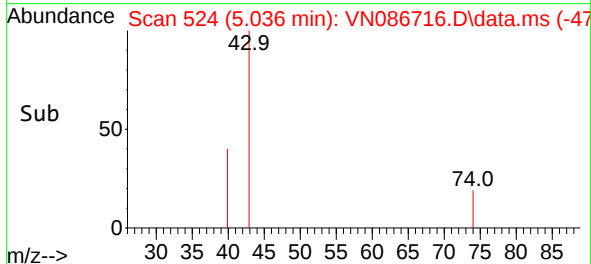
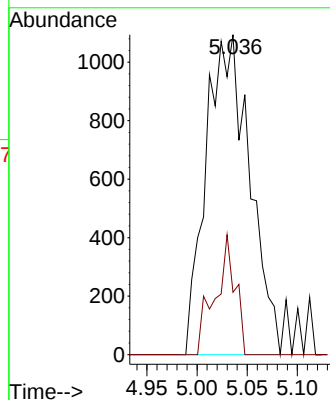
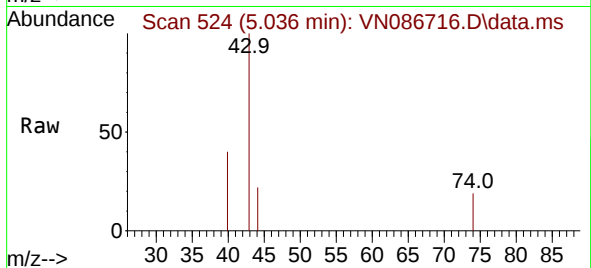
74 17.2 20.5 30.7

Manual Integrations

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#20

Methylene Chloride

Concen: 4.399 ug/l

RT: 5.283 min Scan# 566

Delta R.T. 0.012 min

Lab File: VN086716.D

Acq: 20 May 2025 14:27

Tgt Ion: 84 Resp: 9832

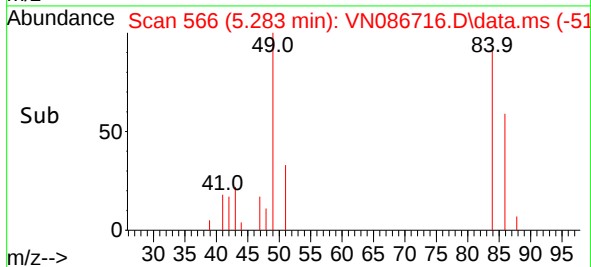
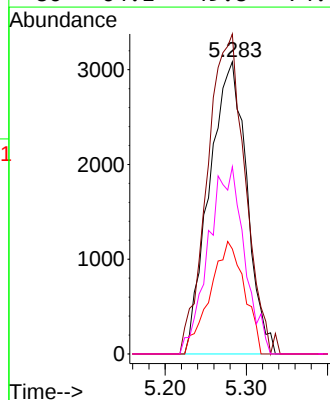
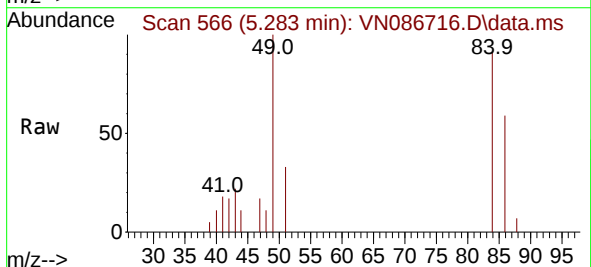
Ion Ratio Lower Upper

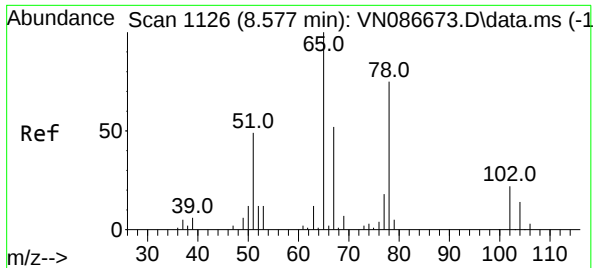
84 100

49 109.5 88.8 133.2

51 35.9 27.8 41.6

86 64.1 49.8 74.6





#33

1,2-Dichloroethane-d4

Concen: 53.574 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086716.D

Acq: 20 May 2025 14:27

Instrument :

MSVOA_N

ClientSampleId :

L2-WC-6

Tgt Ion: 65 Resp: 121310

Ion Ratio Lower Upper

65 100

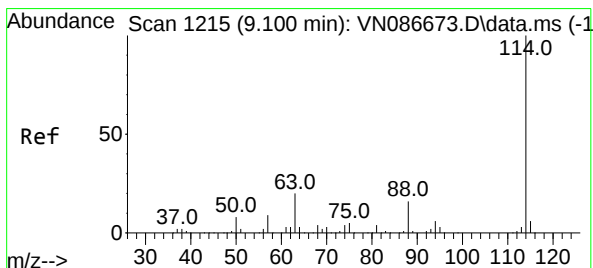
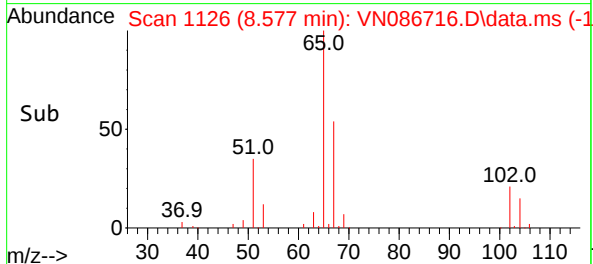
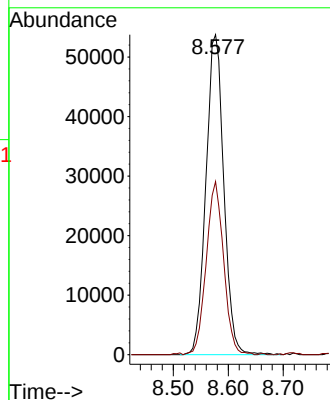
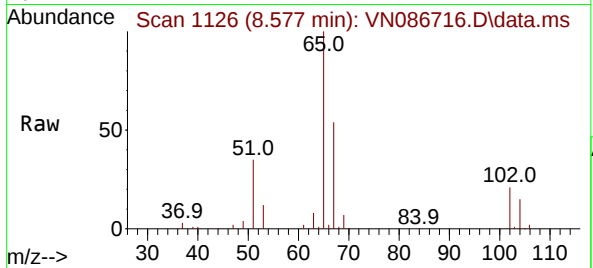
67 52.7 0.0 106.4

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN086716.D

Acq: 20 May 2025 14:27

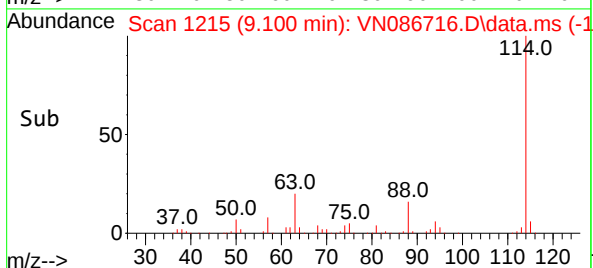
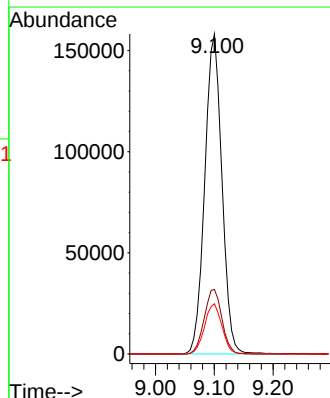
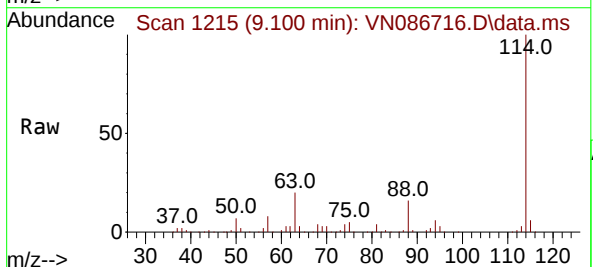
Tgt Ion:114 Resp: 320845

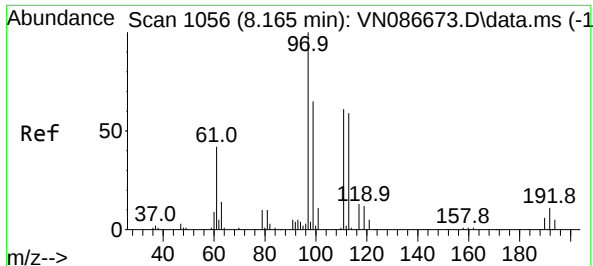
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.2

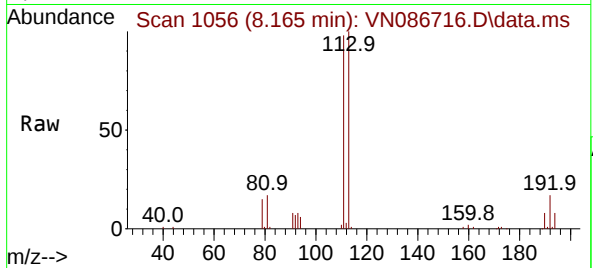
88 15.7 0.0 31.2





#35
Dibromofluoromethane
Concen: 52.807 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086716.D
Acq: 20 May 2025 14:27

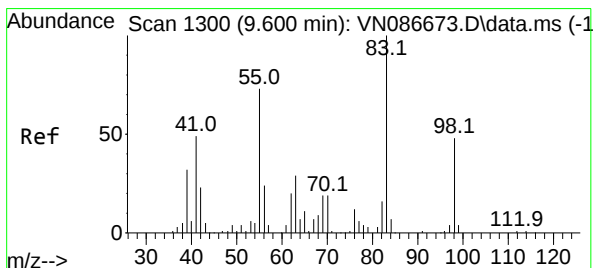
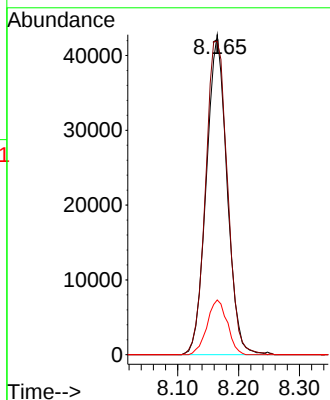
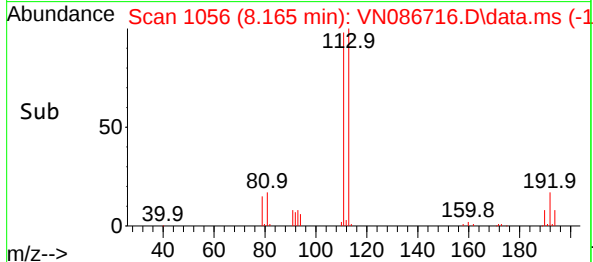
Instrument :
MSVOA_N
ClientSampleId :
L2-WC-6



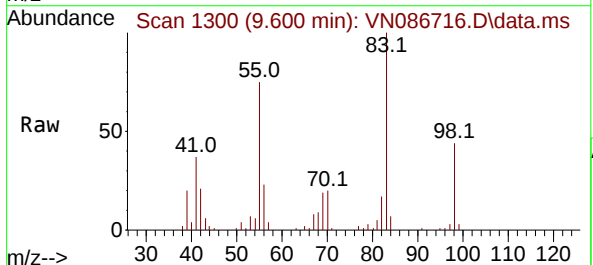
Tgt Ion: 113 Resp: 10090
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 16.7 13.8 20.8

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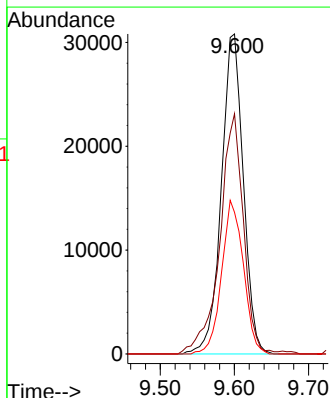
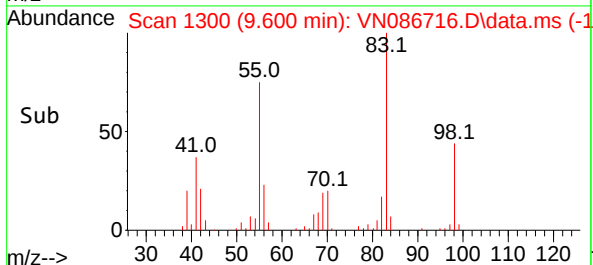
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

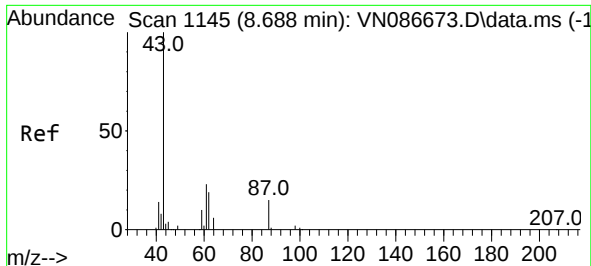


#39
Methylcyclohexane
Concen: 20.789 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN086716.D
Acq: 20 May 2025 14:27



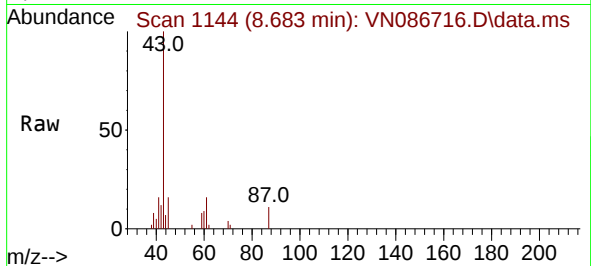
Tgt Ion: 83 Resp: 63416
Ion Ratio Lower Upper
83 100
55 75.1 58.2 87.4
98 44.3 38.4 57.6





#43
Isopropyl Acetate
Concen: 4.714 ug/l m
RT: 8.683 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN086716.D
Acq: 20 May 2025 14:27

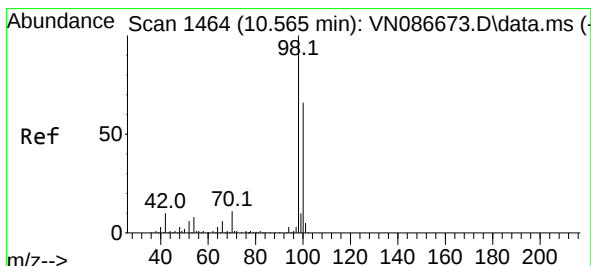
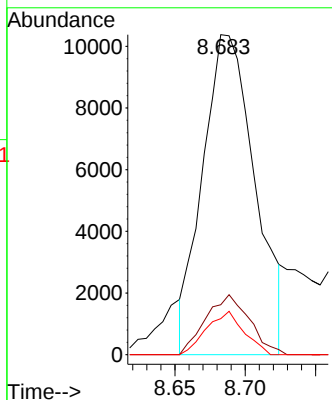
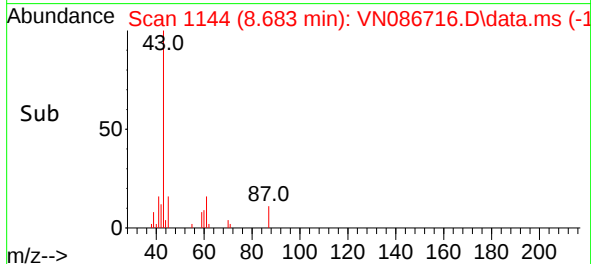
Instrument :
MSVOA_N
ClientSampleId :
L2-WC-6



Tgt Ion: 43 Resp: 2690
Ion Ratio Lower Upper
43 100
61 15.7 21.4 32.2
87 9.7 11.1 16.7

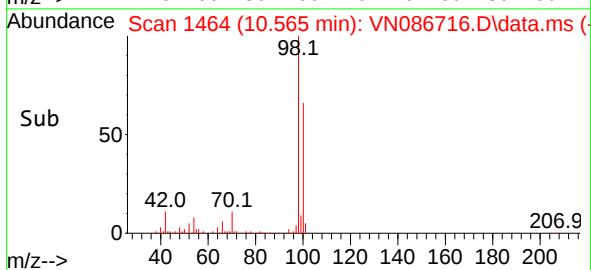
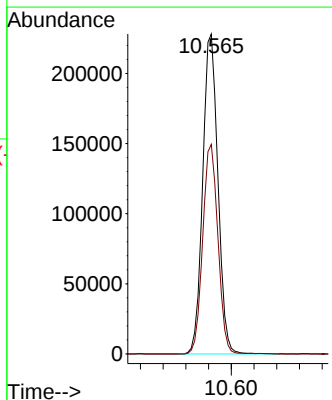
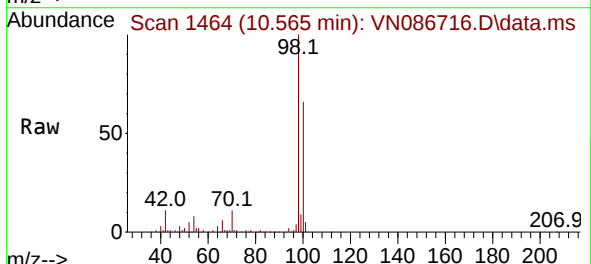
Manual Integrations
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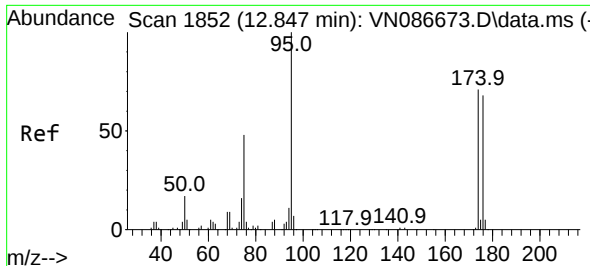
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#50
Toluene-d8
Concen: 53.322 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086716.D
Acq: 20 May 2025 14:27

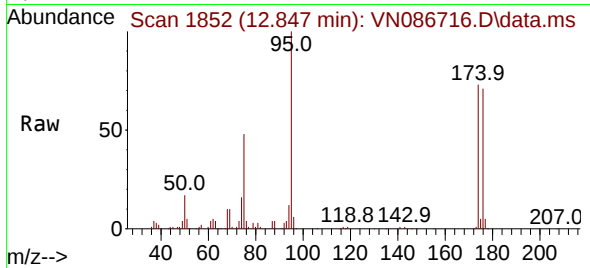
Tgt Ion: 98 Resp: 422219
Ion Ratio Lower Upper
98 100
100 65.5 52.9 79.3





#62
4-Bromofluorobenzene
Concen: 54.123 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086716.D
Acq: 20 May 2025 14:27

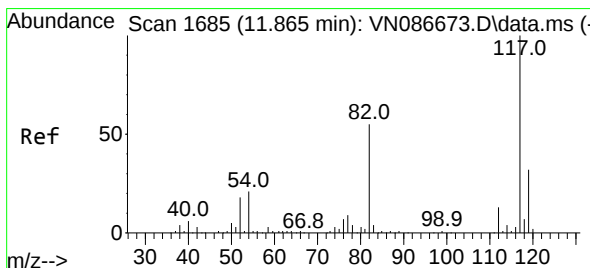
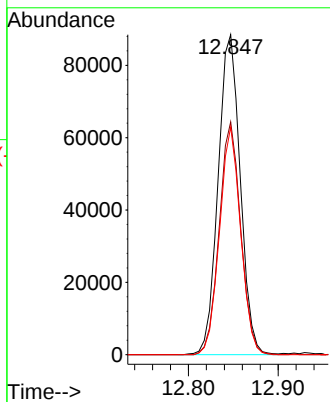
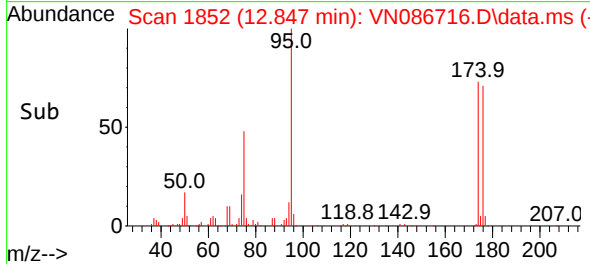
Instrument :
MSVOA_N
ClientSampleId :
L2-WC-6



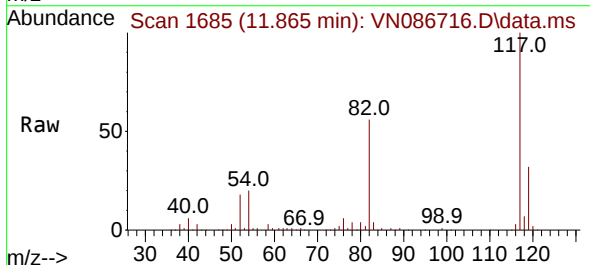
Tgt Ion: 95 Resp: 15132
Ion Ratio Lower Upper
95 100
174 70.5 0.0 145.4
176 67.8 0.0 137.8

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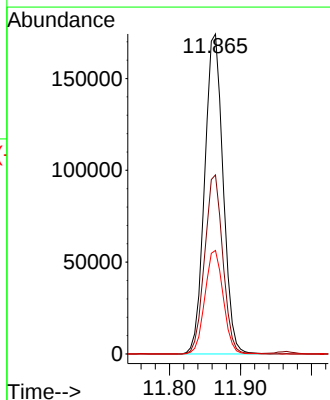
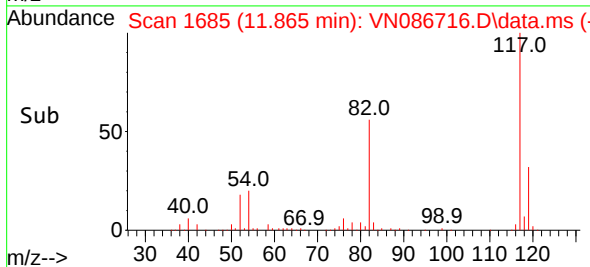
Reviewed By :John Carlone 05/21/2025
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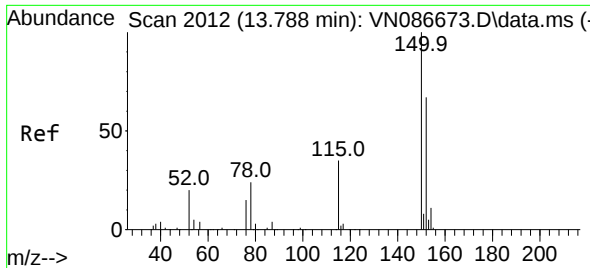


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086716.D
Acq: 20 May 2025 14:27



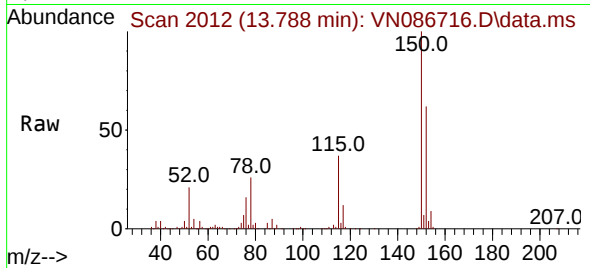
Tgt Ion:117 Resp: 314832
Ion Ratio Lower Upper
117 100
82 56.0 44.2 66.2
119 32.3 25.4 38.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086716.D
Acq: 20 May 2025 14:27

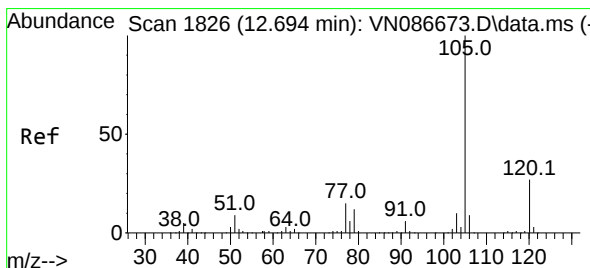
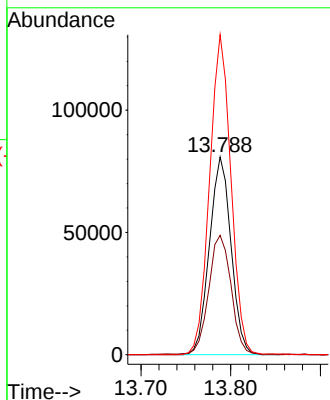
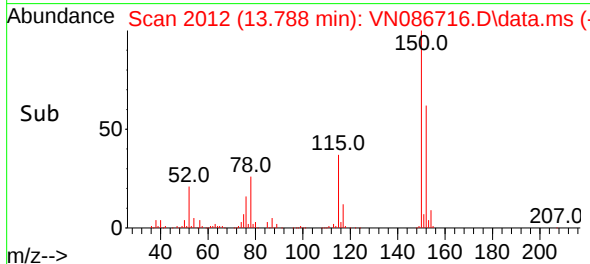
Instrument :
MSVOA_N
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L2-WC-6



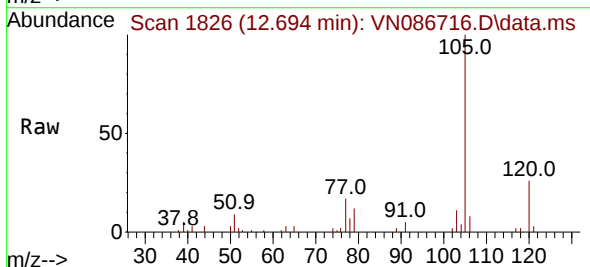
Tgt Ion:152 Resp: 135140
Ion Ratio Lower Upper
152 100
115 62.7 30.0 90.1
150 160.0 0.0 347.8

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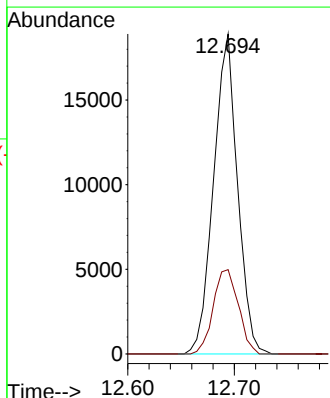
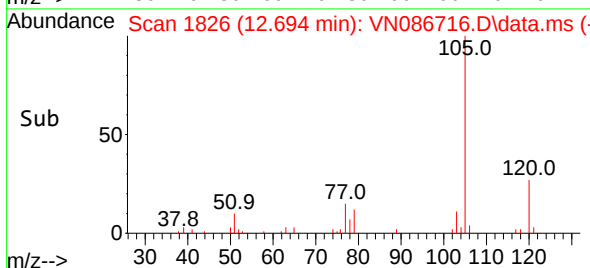
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

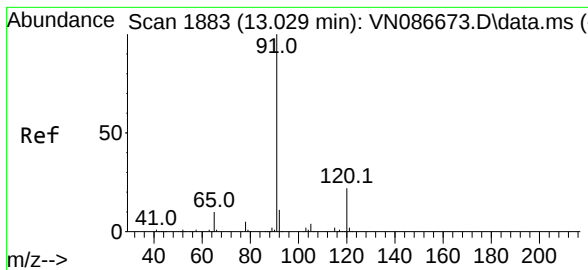


#73
Isopropylbenzene
Concen: 2.820 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN086716.D
Acq: 20 May 2025 14:27



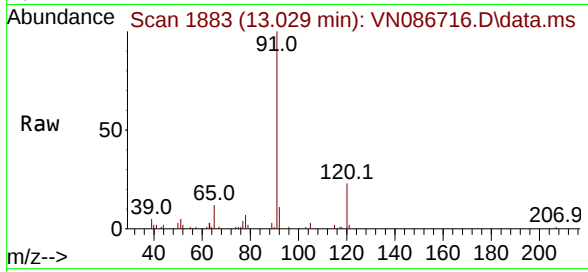
Tgt Ion:105 Resp: 29437
Ion Ratio Lower Upper
105 100
120 27.7 13.4 40.1





#78
 n-propylbenzene
 Concen: 2.814 ug/l
 RT: 13.029 min Scan# 1883
 Delta R.T. 0.000 min
 Lab File: VN086716.D
 Acq: 20 May 2025 14:27

Instrument :
 MSVOA_N
 ClientSampleId :
 L2-WC-6



Tgt Ion: 91 Resp: 33712
 Ion Ratio Lower Upper
 91 100
 120 22.3 11.4 34.1

Manual Integrations
 APPROVED

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

