

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051925\
 Data File : VN086701.D
 Acq On : 19 May 2025 19:54
 Operator : JC\MD
 Sample : PB168034ZHE#18
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB168034ZHE#18

Manual Integrations
 APPROVED

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

Quant Time: May 20 03:24:31 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	176064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	349497	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	338582	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	136104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	126192	51.869	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.740%			
35) Dibromofluoromethane	8.165	113	107522	51.658	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.320%			
50) Toluene-d8	10.565	98	453898	52.623	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.240%			
62) 4-Bromofluorobenzene	12.847	95	157312	51.652	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.300%			
Target Compounds					Qvalue	
16) Acetone	4.430	43	25267	27.764	ug/l	98
18) Methyl Acetate	5.036	43	3736	1.467	ug/l	98
20) Methylene Chloride	5.271	84	4913	2.046	ug/l	94
43) Isopropyl Acetate	8.688	43	44605m	7.174	ug/l	

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

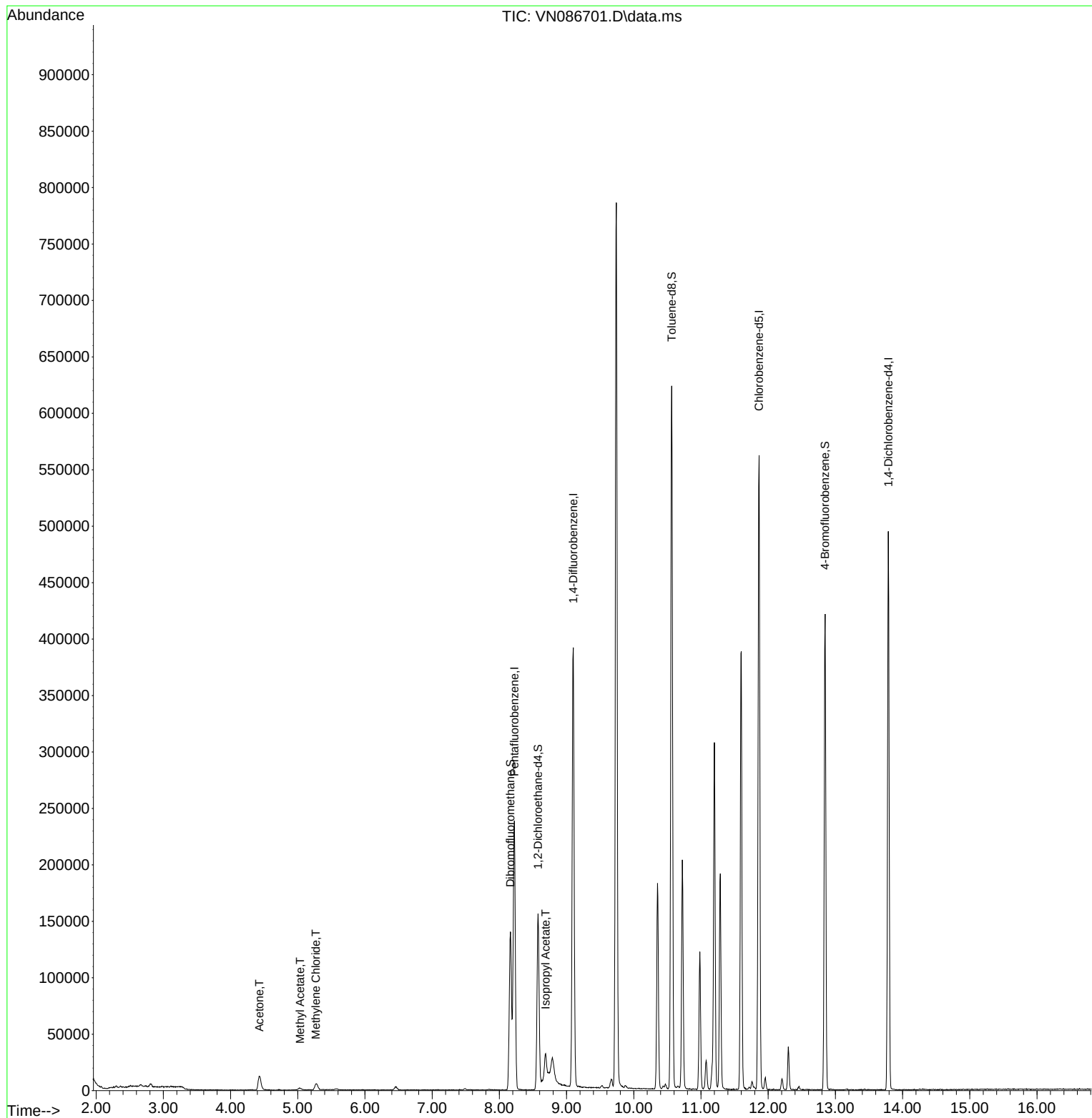
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051925\
Data File : VN086701.D
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Operator : JC\MD
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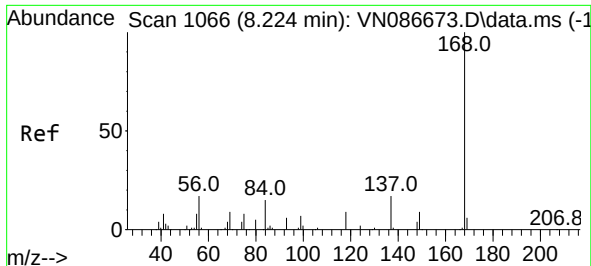
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#18

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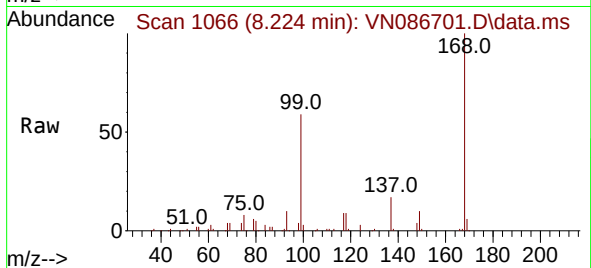
Quant Time: May 20 03:24:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260
QLast Update : Sat May 17 00:46:13 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086701.D
Acq: 19 May 2025 19:54

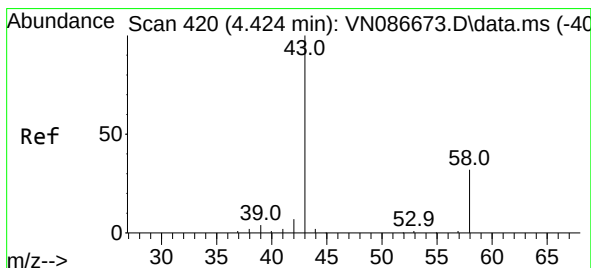
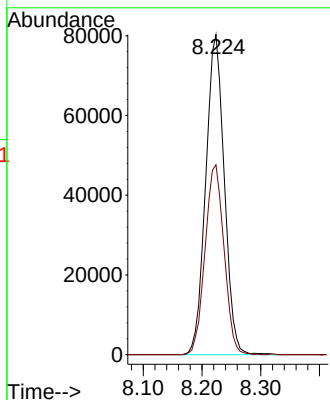
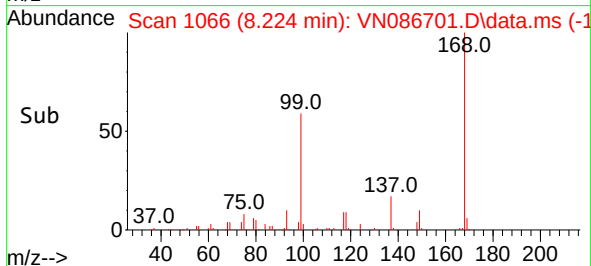
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#18



Tgt Ion:168 Resp: 176064
Ion Ratio Lower Upper
168 100
99 59.3 47.0 70.4

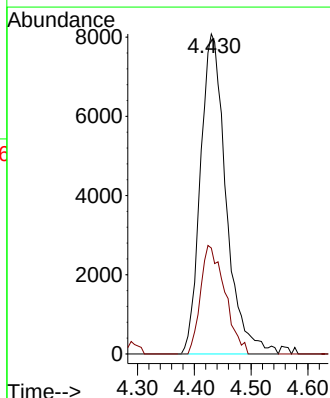
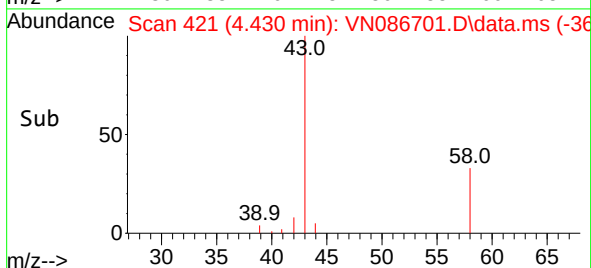
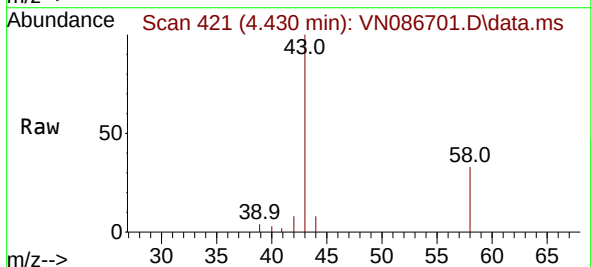
Manual Integrations
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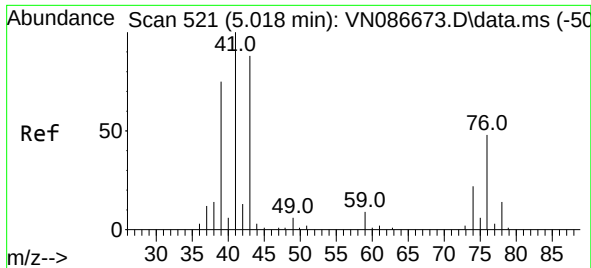
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#16
Acetone
Concen: 27.764 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086701.D
Acq: 19 May 2025 19:54

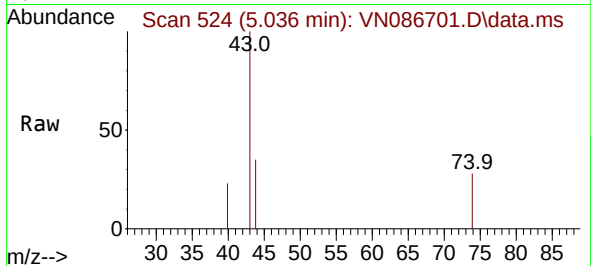
Tgt Ion: 43 Resp: 25267
Ion Ratio Lower Upper
43 100
58 33.1 25.8 38.6





#18
Methyl Acetate
Concen: 1.467 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN086701.D
Acq: 19 May 2025 19:54

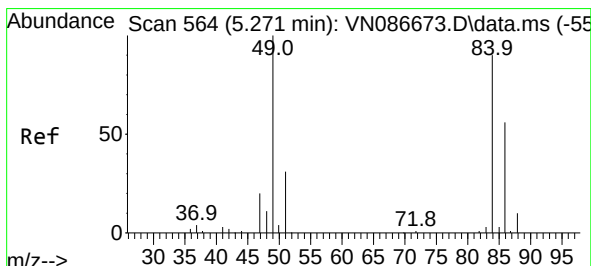
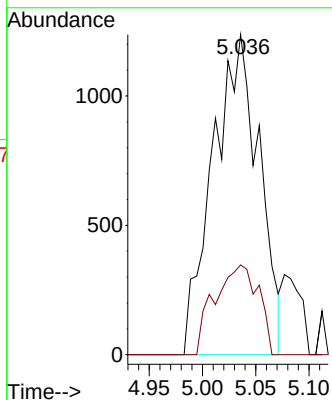
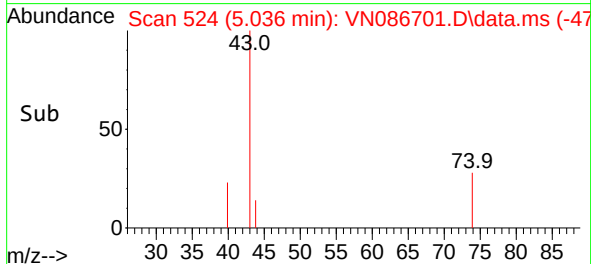
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#18



Tgt Ion: 43 Resp: 3730
Ion Ratio Lower Upper
43 100
74 26.5 20.5 30.7

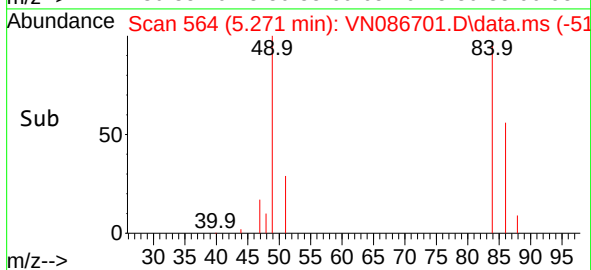
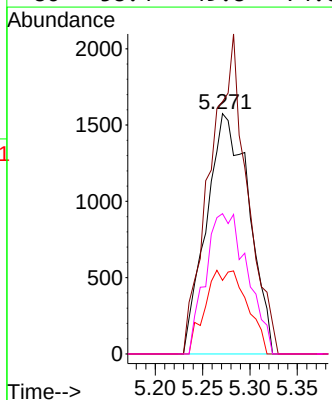
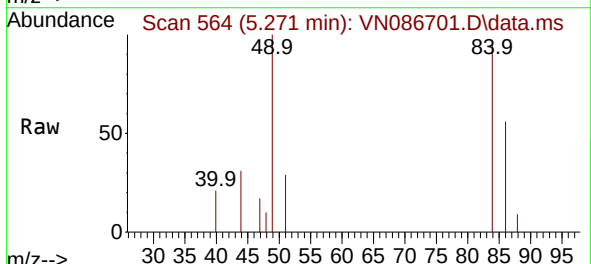
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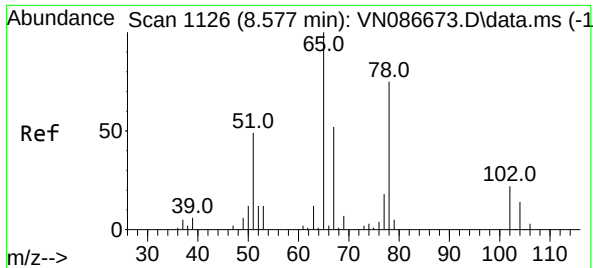
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#20
Methylene Chloride
Concen: 2.046 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086701.D
Acq: 19 May 2025 19:54

Tgt Ion: 84 Resp: 4913
Ion Ratio Lower Upper
84 100
49 105.0 88.8 133.2
51 30.6 27.8 41.6
86 58.4 49.8 74.6





#33

1,2-Dichloroethane-d4

Concen: 51.869 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086701.D

Acq: 19 May 2025 19:54

Instrument :

MSVOA_N

ClientSampleId :

PB168034ZHE#18

Tgt Ion: 65 Resp: 126192

Ion Ratio Lower Upper

65 100

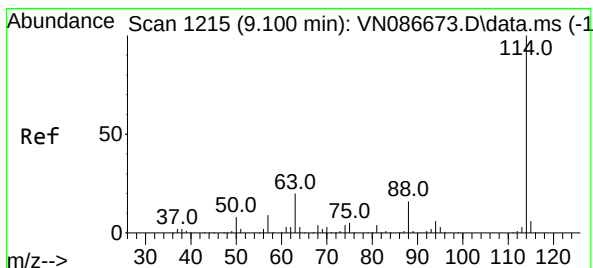
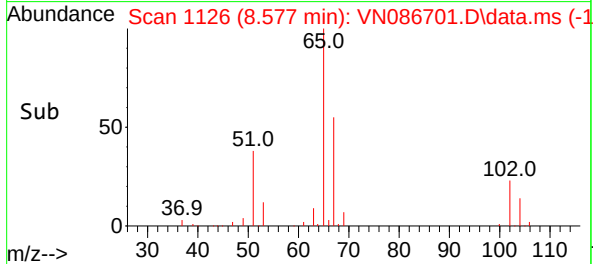
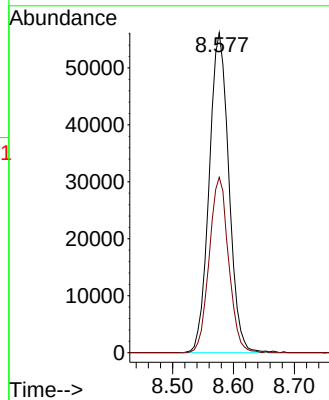
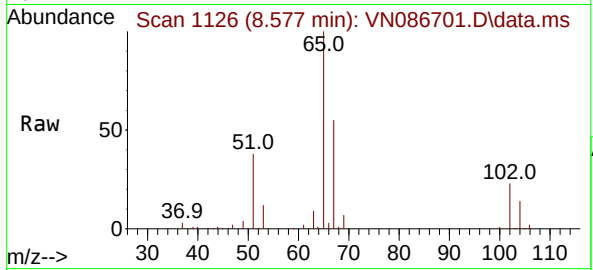
67 53.7 0.0 106.4

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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: VN086701.D

Acq: 19 May 2025 19:54

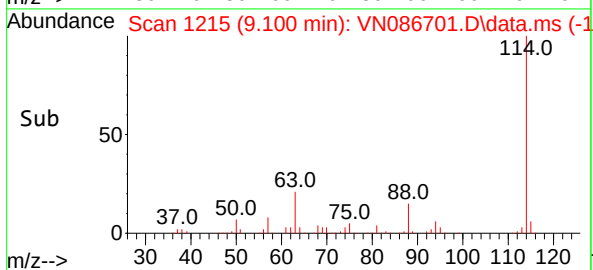
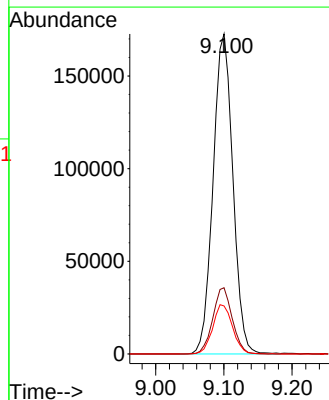
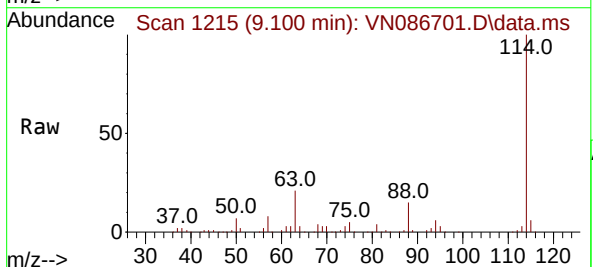
Tgt Ion:114 Resp: 349497

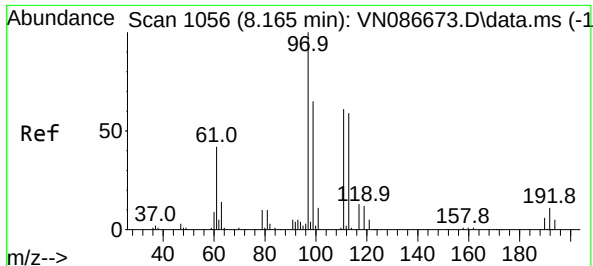
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.2

88 15.0 0.0 31.2





#35

Dibromofluoromethane

Concen: 51.658 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086701.D

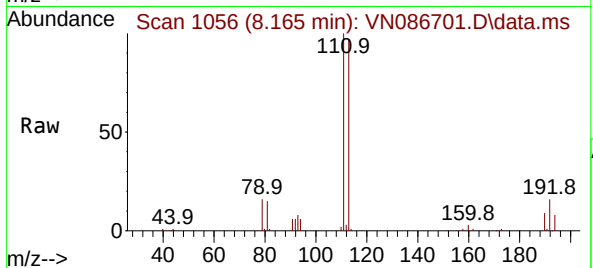
Acq: 19 May 2025 19:54

Instrument :

MSVOA_N

ClientSampleId :

PB168034ZHE#18



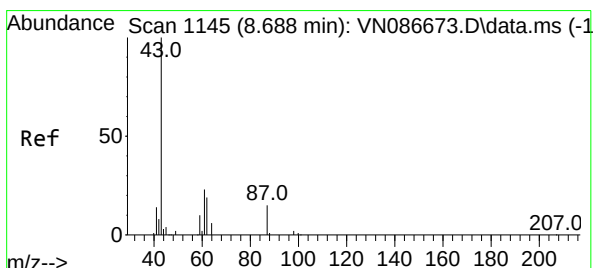
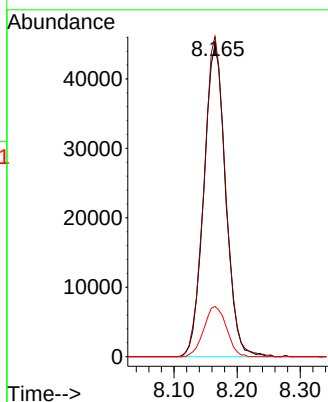
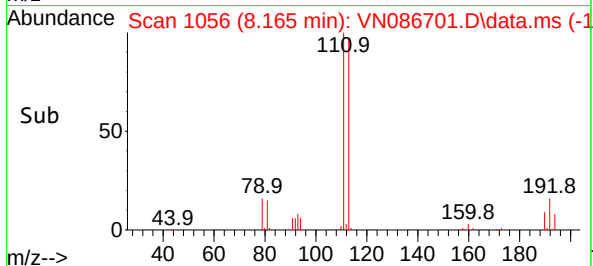
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.2	123.2
192	16.8	13.8	20.8

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Supervised By :Mahesh Dadoda 05/21/2025



#43

Isopropyl Acetate

Concen: 7.174 ug/l m

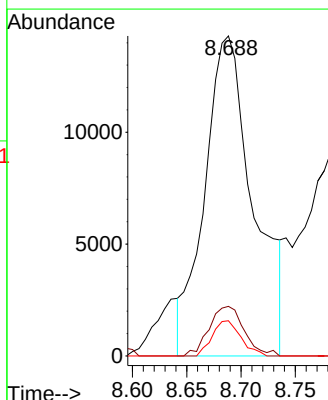
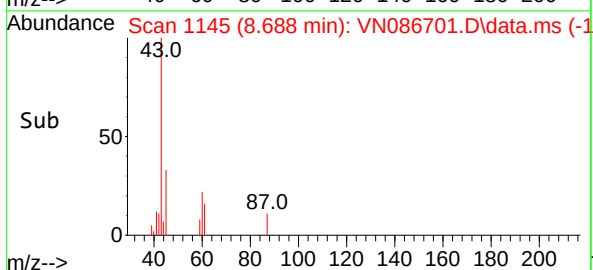
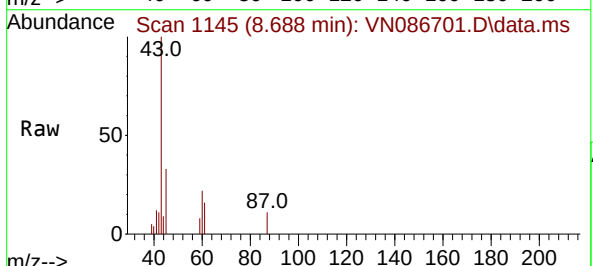
RT: 8.688 min Scan# 1145

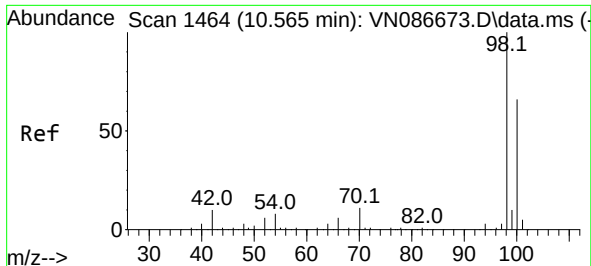
Delta R.T. -0.000 min

Lab File: VN086701.D

Acq: 19 May 2025 19:54

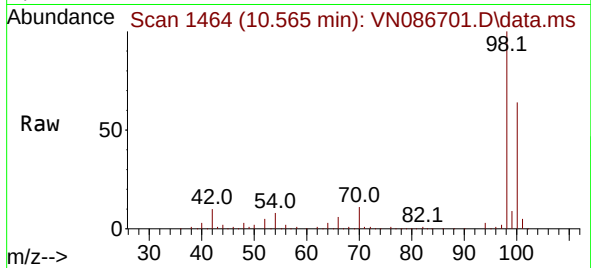
Tgt Ion	Ratio	Lower	Upper
43	100		
61	11.2	21.4	32.2#
87	6.5	11.1	16.7#





#50
Toluene-d8
Concen: 52.623 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086701.D
Acq: 19 May 2025 19:54

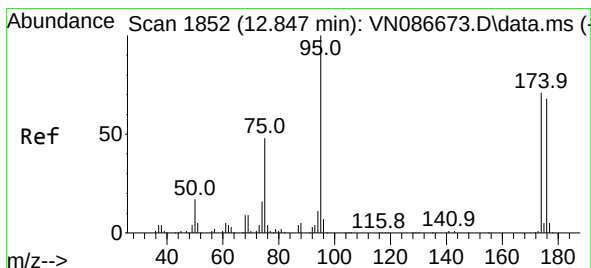
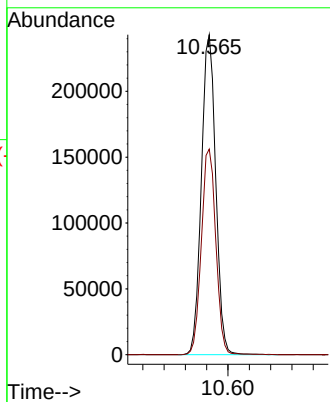
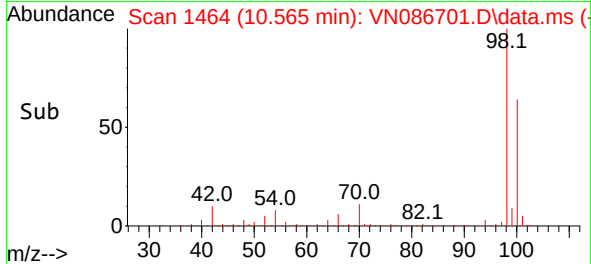
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#18



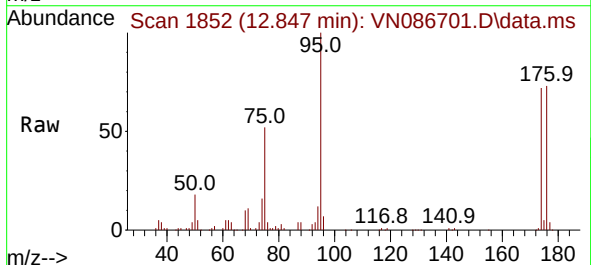
Tgt Ion: 98 Resp: 453898
Ion Ratio Lower Upper
98 100
100 64.8 52.9 79.3

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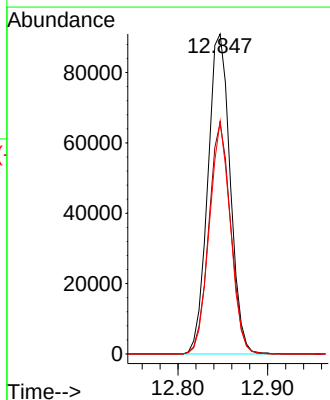
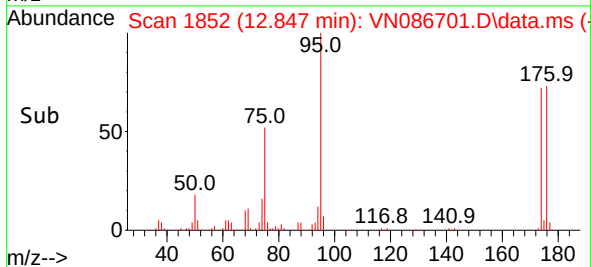
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

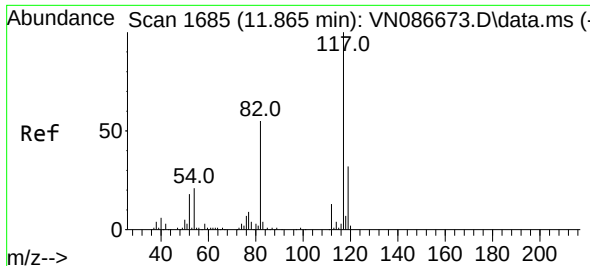


#62
4-Bromofluorobenzene
Concen: 51.652 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086701.D
Acq: 19 May 2025 19:54



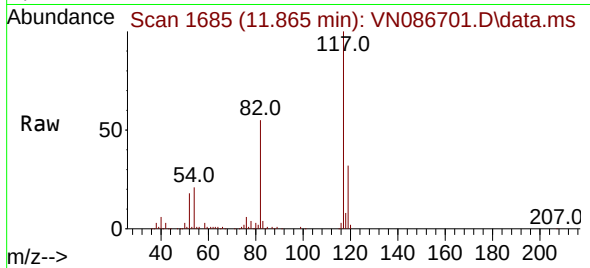
Tgt Ion: 95 Resp: 157312
Ion Ratio Lower Upper
95 100
174 70.8 0.0 145.4
176 68.5 0.0 137.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086701.D
Acq: 19 May 2025 19:54

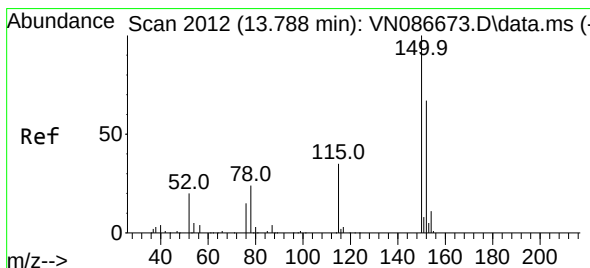
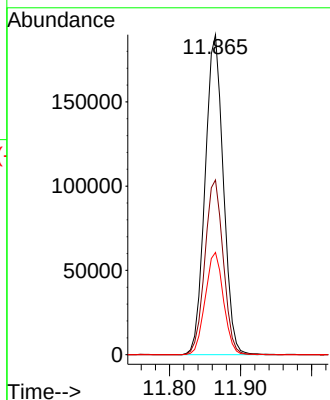
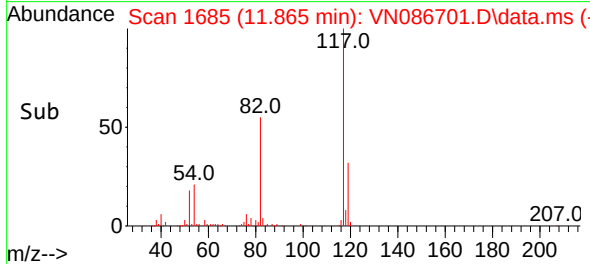
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#18



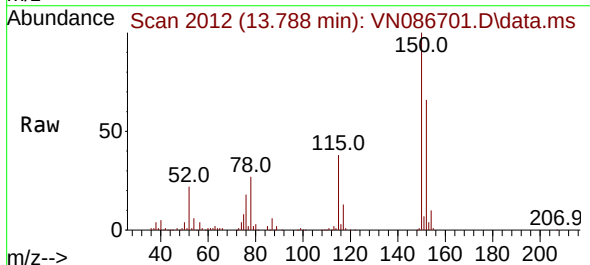
Tgt Ion:117 Resp: 33858
Ion Ratio Lower Upper
117 100
82 54.6 44.2 66.2
119 32.0 25.4 38.2

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: VN086701.D
Acq: 19 May 2025 19:54



Tgt Ion:152 Resp: 136104
Ion Ratio Lower Upper
152 100
115 61.0 30.0 90.1
150 157.2 0.0 347.8

