

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051925\
 Data File : VN086693.D
 Acq On : 19 May 2025 16:40
 Operator : JC\MD
 Sample : PB168034ZHE#10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB168034ZHE#10

Manual Integrations
 APPROVED

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

Quant Time: May 20 03:21:17 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	182345	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	355853	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	344525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	145901	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	129729	51.486	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 102.980%		
35) Dibromofluoromethane	8.165	113	109108	51.484	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 102.960%		
50) Toluene-d8	10.565	98	463082	52.729	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 105.460%		
62) 4-Bromofluorobenzene	12.847	95	164848	53.160	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery	= 106.320%		
Target Compounds						Qvalue
16) Acetone	4.430	43	25737	27.306	ug/l	98
18) Methyl Acetate	5.036	43	4091	1.551	ug/l #	84
20) Methylene Chloride	5.277	84	3564	1.433	ug/l	88
43) Isopropyl Acetate	8.688	43	36117m	5.705	ug/l	

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

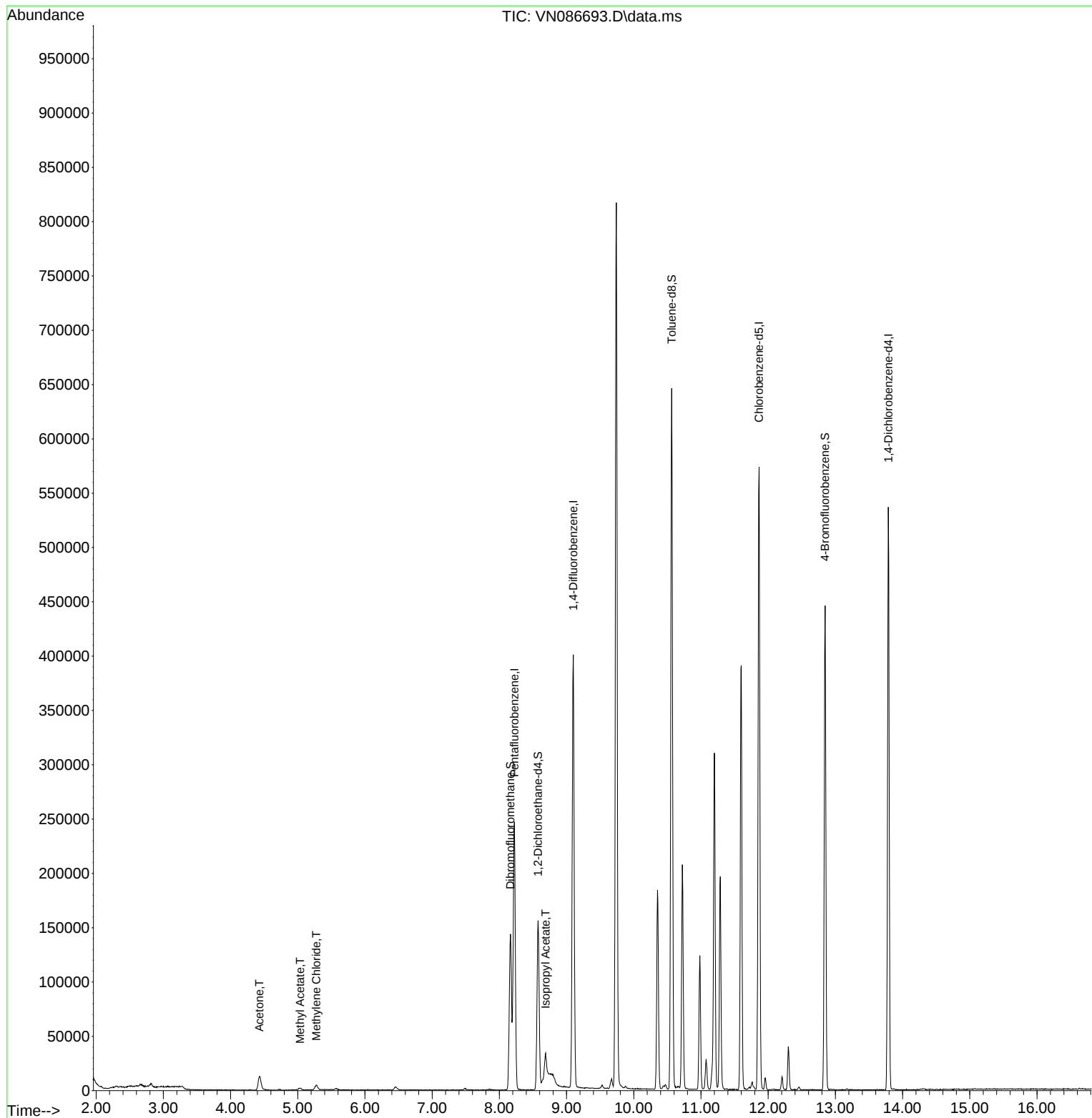
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051925\
Data File : VN086693.D
Acq On : 19 May 2025 16:40
Operator : JC\MD
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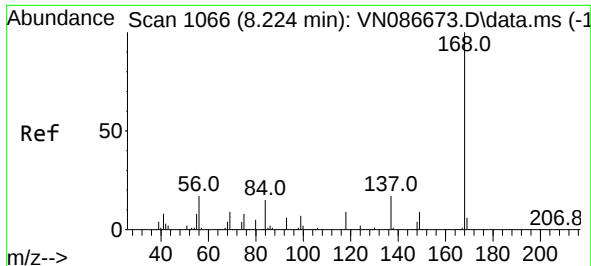
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#10

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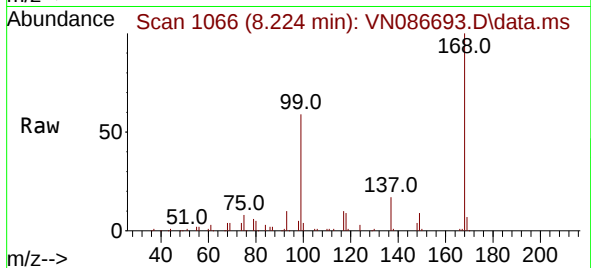
Quant Time: May 20 03:21:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260
QLast Update : Sat May 17 00:46:13 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086693.D
Acq: 19 May 2025 16:40

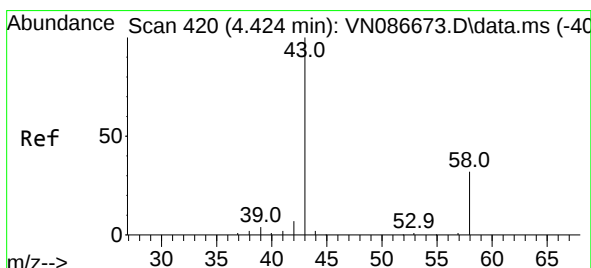
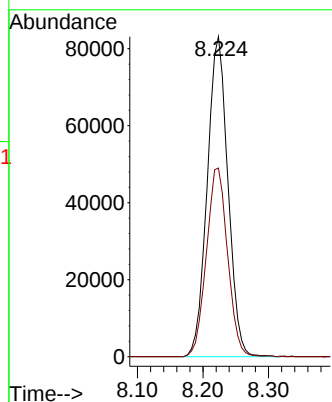
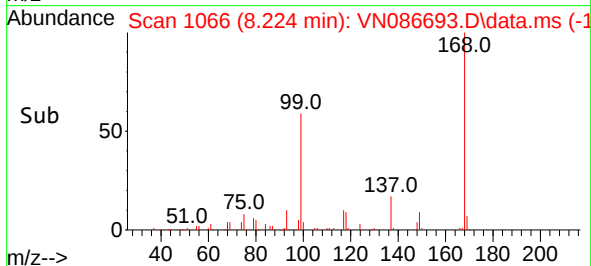
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#10



Tgt Ion:168 Resp: 182345
Ion Ratio Lower Upper
168 100
99 59.0 47.0 70.4

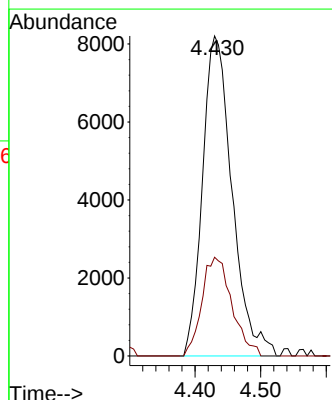
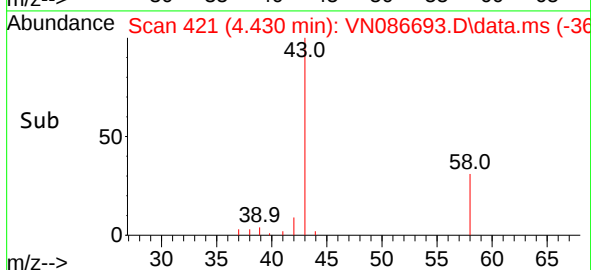
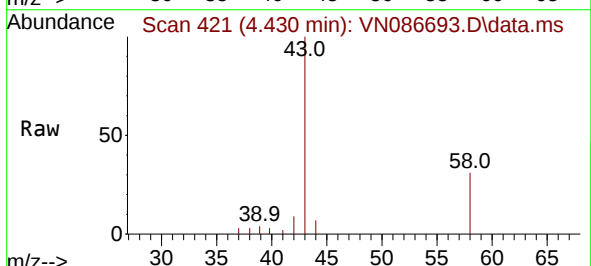
Manual Integrations
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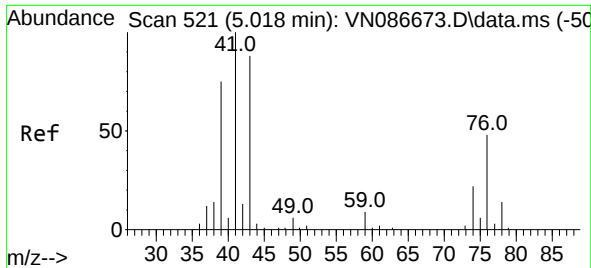
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#16
Acetone
Concen: 27.306 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086693.D
Acq: 19 May 2025 16:40

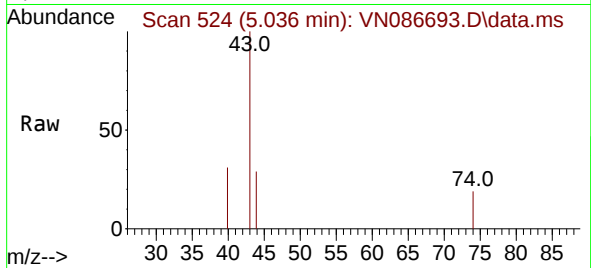
Tgt Ion: 43 Resp: 25737
Ion Ratio Lower Upper
43 100
58 30.9 25.8 38.6





#18
Methyl Acetate
Concen: 1.551 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.017 min
Lab File: VN086693.D
Acq: 19 May 2025 16:40

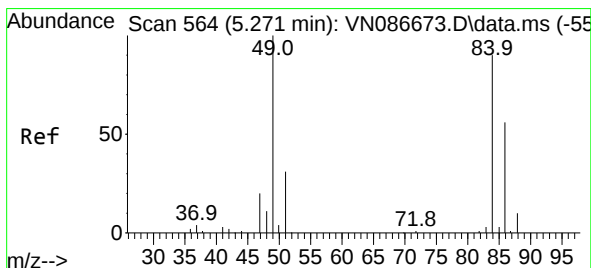
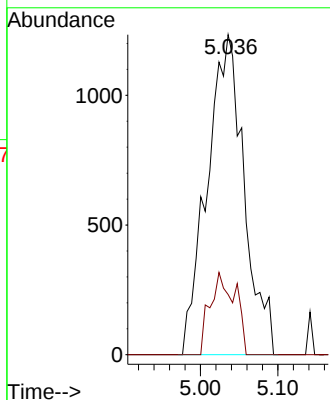
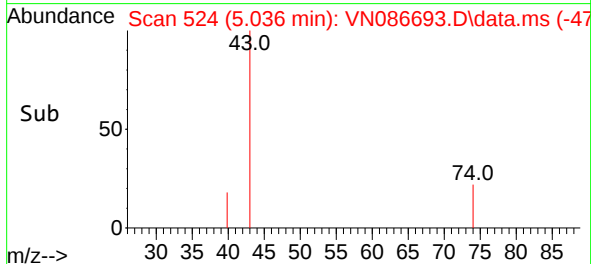
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#10



Tgt Ion: 43 Resp: 409
Ion Ratio Lower Upper
43 100
74 17.5 20.5 30.7

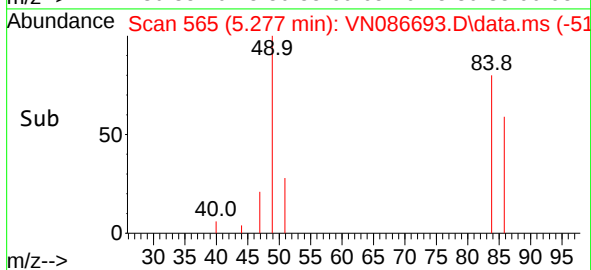
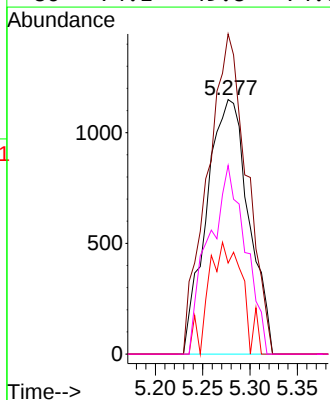
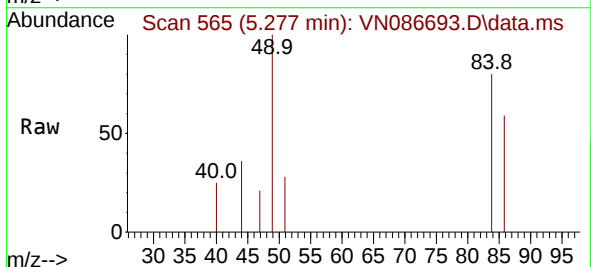
Manual Integrations
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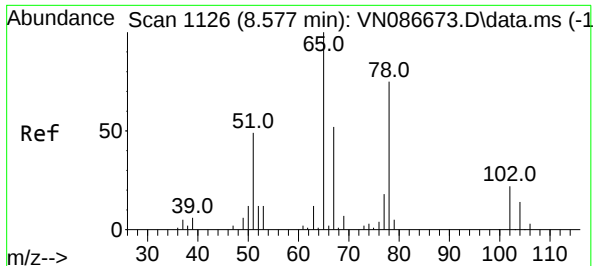
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#20
Methylene Chloride
Concen: 1.433 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086693.D
Acq: 19 May 2025 16:40

Tgt Ion: 84 Resp: 3564
Ion Ratio Lower Upper
84 100
49 125.7 88.8 133.2
51 35.7 27.8 41.6
86 74.1 49.8 74.6





#33

1,2-Dichloroethane-d4

Concen: 51.486 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086693.D

Acq: 19 May 2025 16:40

Instrument :

MSVOA_N

ClientSampleId :

PB168034ZHE#10

Tgt Ion: 65 Resp: 129729

Ion Ratio Lower Upper

65 100

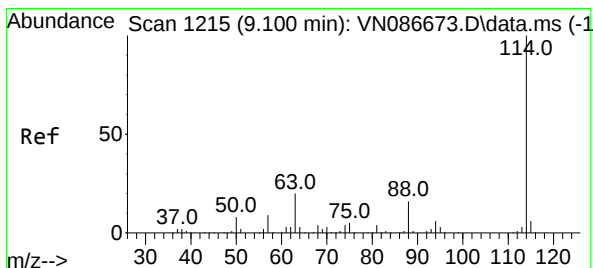
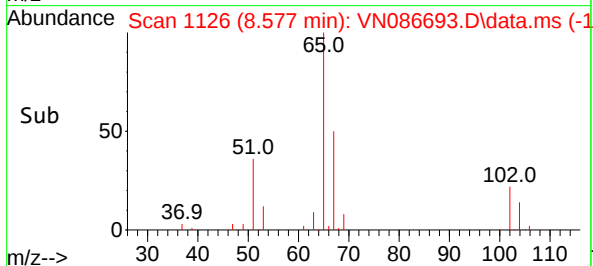
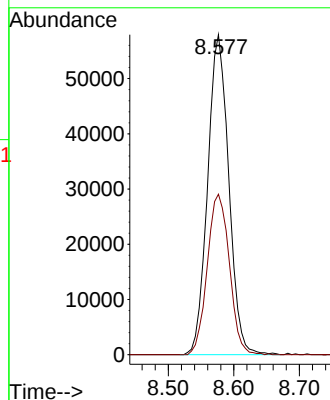
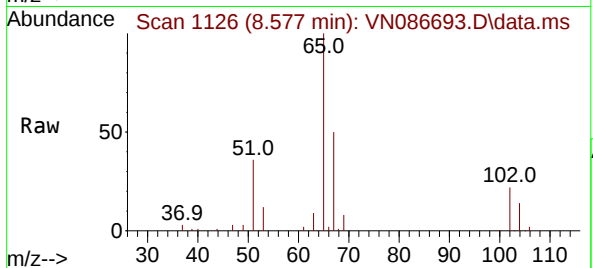
67 52.4 0.0 106.4

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: VN086693.D

Acq: 19 May 2025 16:40

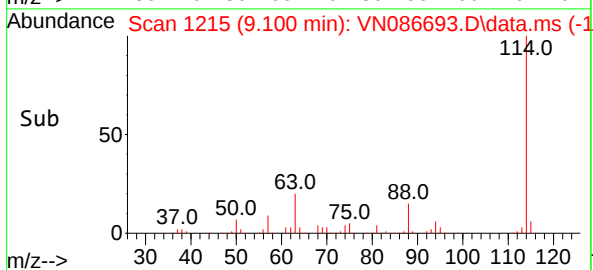
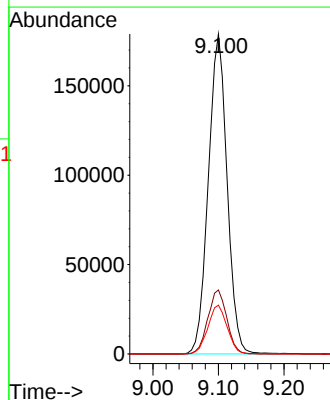
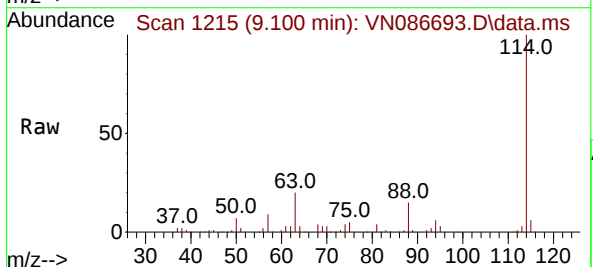
Tgt Ion:114 Resp: 355853

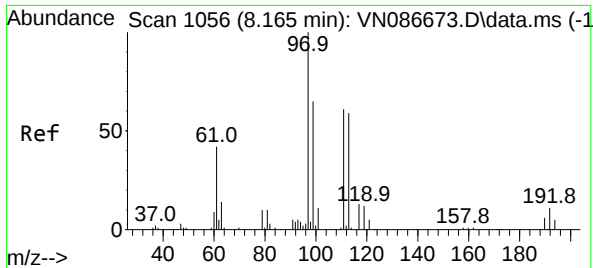
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.2

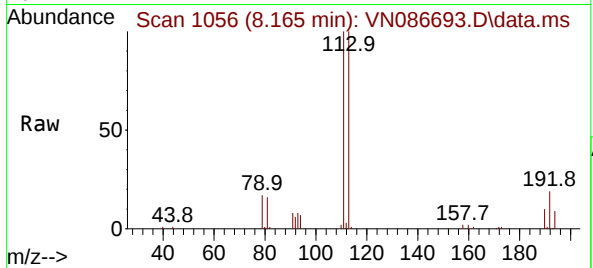
88 15.2 0.0 31.2





#35
Dibromofluoromethane
Concen: 51.484 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086693.D
Acq: 19 May 2025 16:40

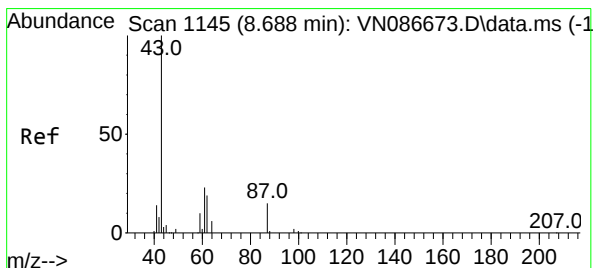
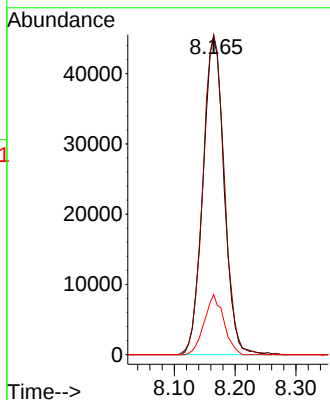
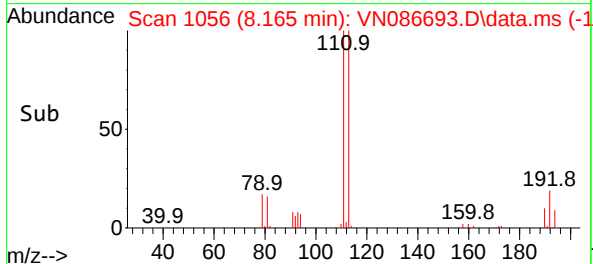
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#10



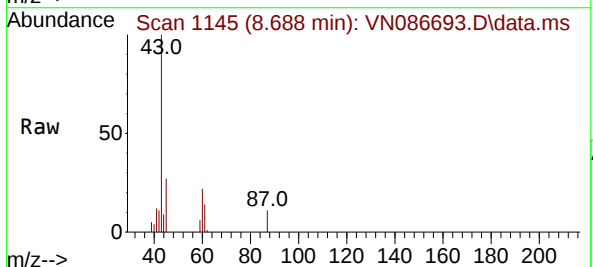
Tgt Ion: 113 Resp: 109108
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.2
192 17.5 13.8 20.8

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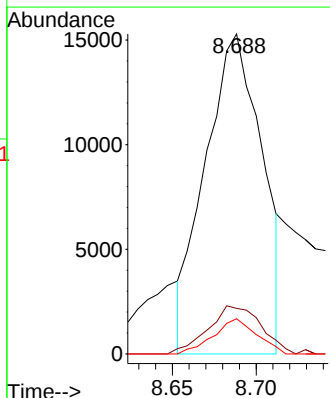
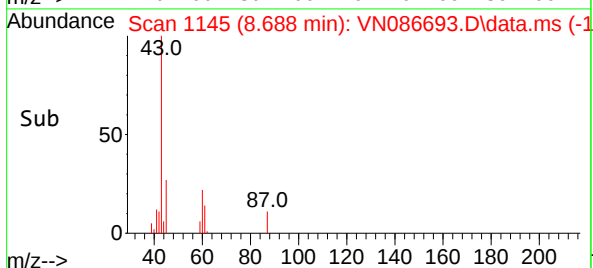
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

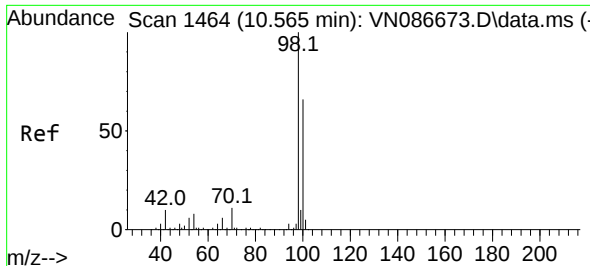


#43
Isopropyl Acetate
Concen: 5.705 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN086693.D
Acq: 19 May 2025 16:40



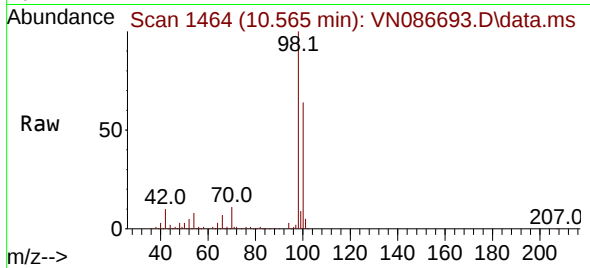
Tgt Ion: 43 Resp: 36117
Ion Ratio Lower Upper
43 100
61 14.2 21.4 32.2#
87 8.4 11.1 16.7#





#50
Toluene-d8
Concen: 52.729 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086693.D
Acq: 19 May 2025 16:40

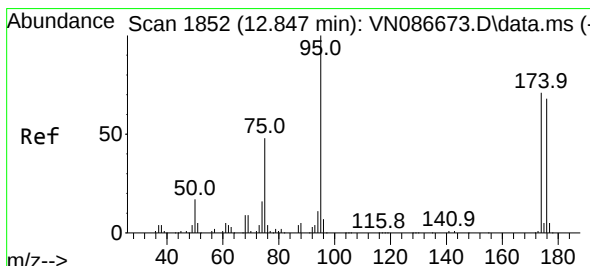
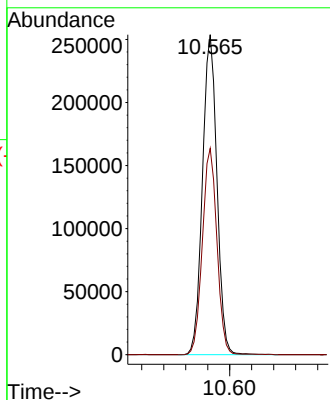
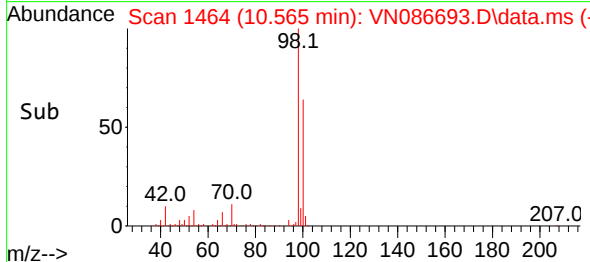
Instrument :
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PB168034ZHE#10



Tgt Ion: 98 Resp: 463082
Ion Ratio Lower Upper
98 100
100 64.9 52.9 79.3

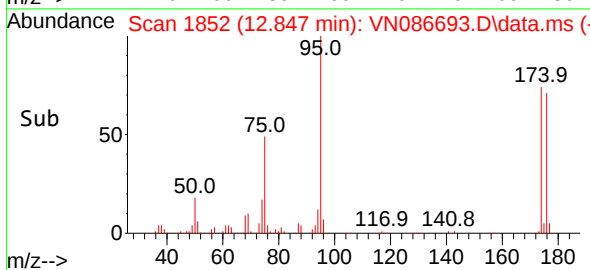
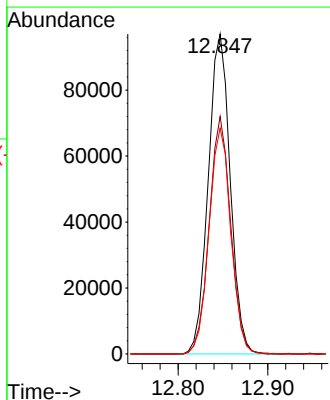
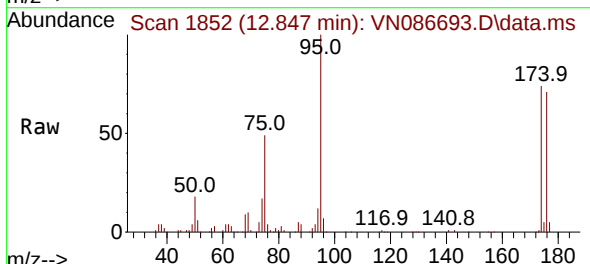
Manual Integrations
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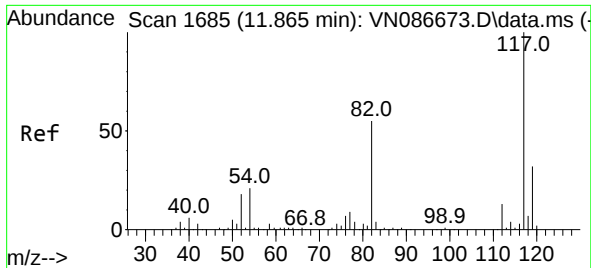
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#62
4-Bromofluorobenzene
Concen: 53.160 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086693.D
Acq: 19 May 2025 16:40

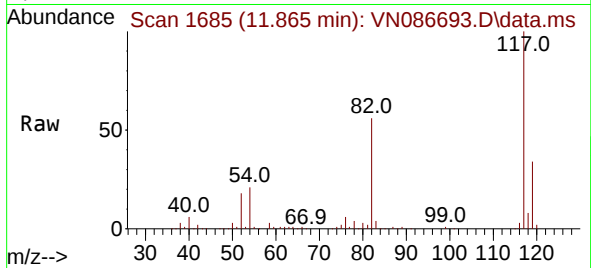
Tgt Ion: 95 Resp: 164848
Ion Ratio Lower Upper
95 100
174 72.5 0.0 145.4
176 70.2 0.0 137.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086693.D
Acq: 19 May 2025 16:40

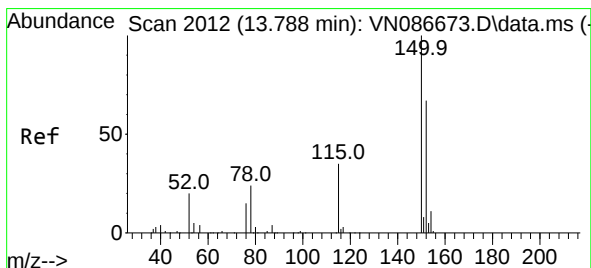
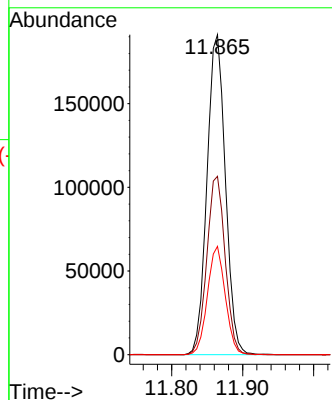
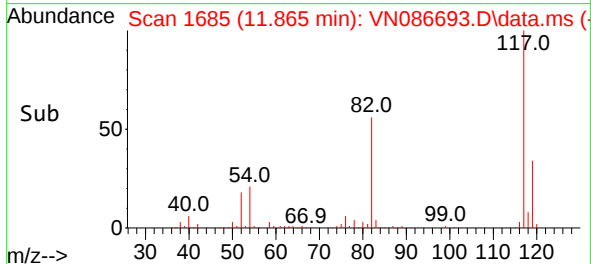
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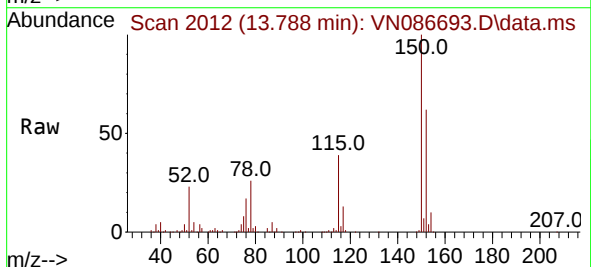
Tgt Ion:117 Resp: 34452
Ion Ratio Lower Upper
117 100
82 55.7 44.2 66.2
119 33.8 25.4 38.2

Manual Integrations
APPROVED

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: VN086693.D
Acq: 19 May 2025 16:40



Tgt Ion:152 Resp: 145901
Ion Ratio Lower Upper
152 100
115 61.7 30.0 90.1
150 160.0 0.0 347.8

