

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051925\
 Data File : VN086696.D
 Acq On : 19 May 2025 17:53
 Operator : JC\MD
 Sample : PB168034ZHE#13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB168034ZHE#13

Manual Integrations
 APPROVED

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

Quant Time: May 20 03:22:31 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	184340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	356194	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	354962	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	147948	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	131562	51.649	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 103.300%		
35) Dibromofluoromethane	8.165	113	109599	51.666	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 103.340%		
50) Toluene-d8	10.565	98	462494	52.612	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 105.220%		
62) 4-Bromofluorobenzene	12.847	95	168160	54.176	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery	= 108.360%		
Target Compounds						Qvalue
16) Acetone	4.430	43	25937	27.221	ug/l	98
18) Methyl Acetate	5.030	43	4148	1.555	ug/l #	62
20) Methylene Chloride	5.277	84	3696	1.470	ug/l	96
43) Isopropyl Acetate	8.688	43	40877m	6.451	ug/l	

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

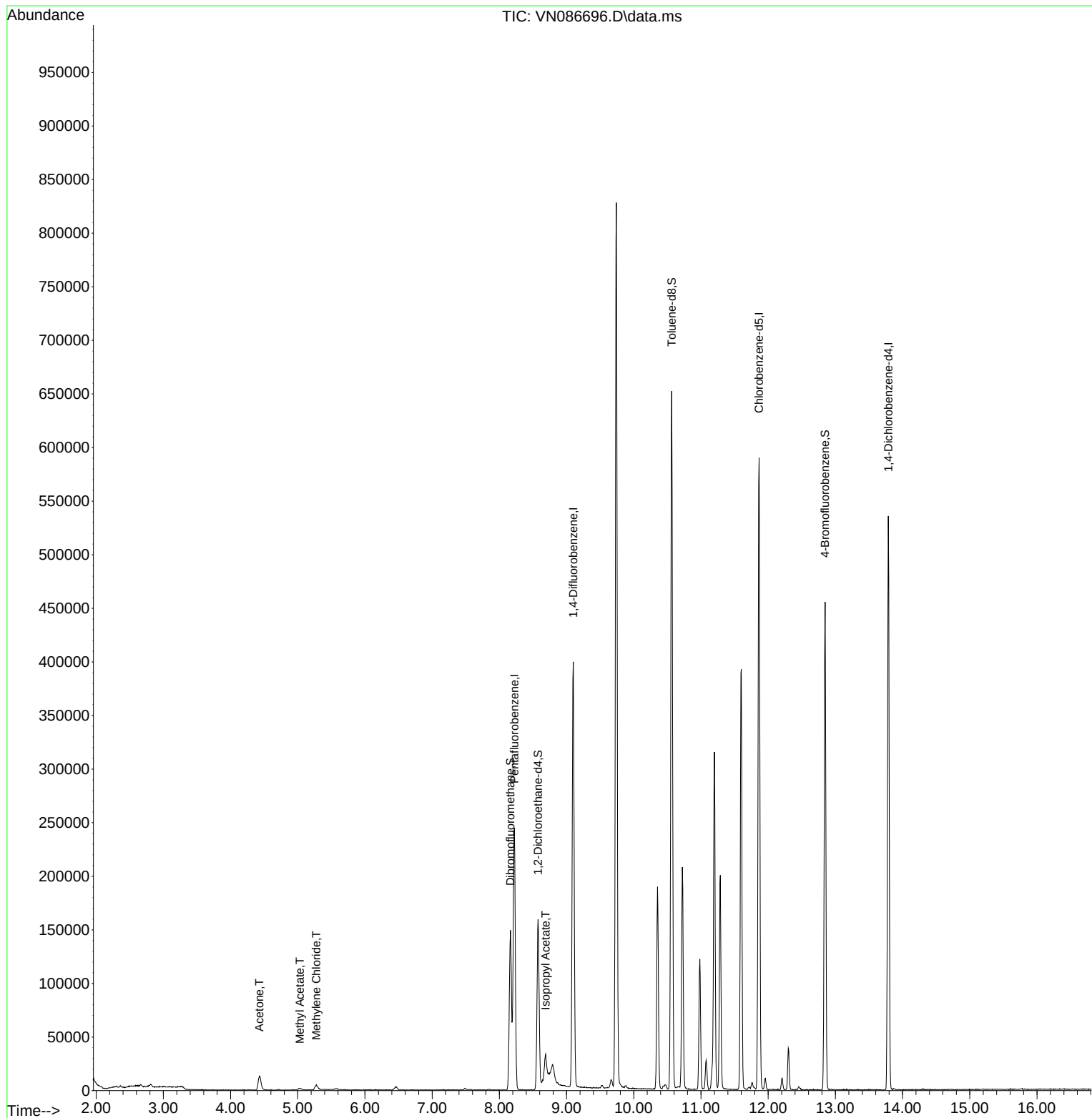
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051925\
Data File : VN086696.D
Acq On : 19 May 2025 17:53
Operator : JC\MD
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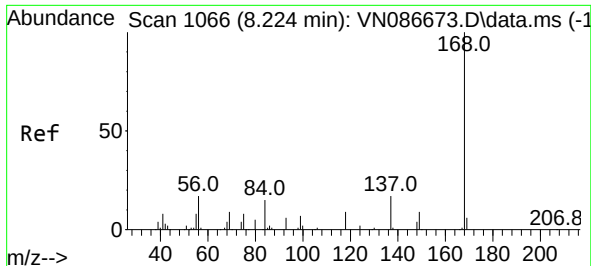
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ClientSampleId :
PB168034ZHE#13

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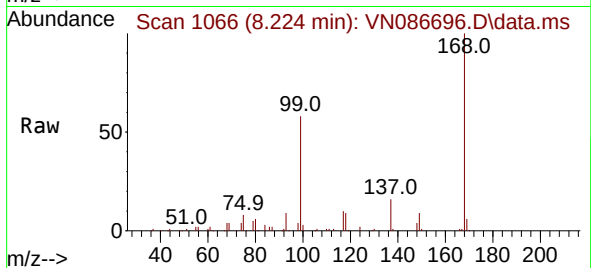
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260
QLast Update : Sat May 17 00:46:13 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086696.D
Acq: 19 May 2025 17:53

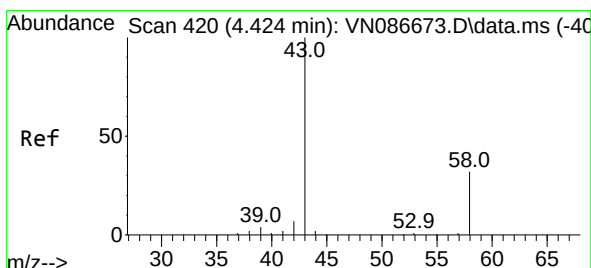
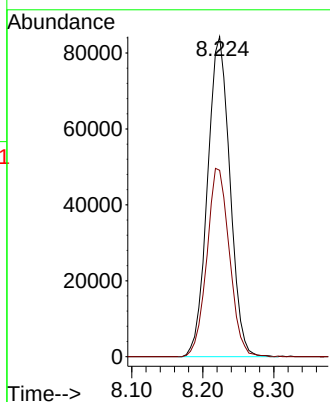
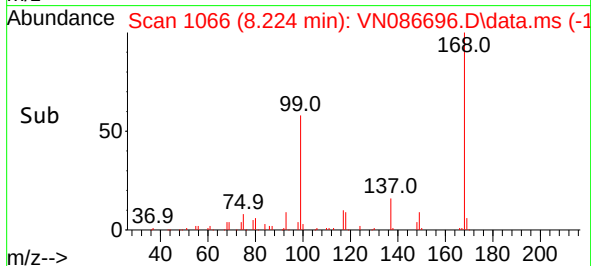
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#13



Tgt Ion:168 Resp: 184340
Ion Ratio Lower Upper
168 100
99 58.2 47.0 70.4

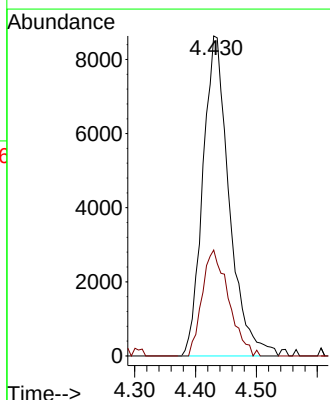
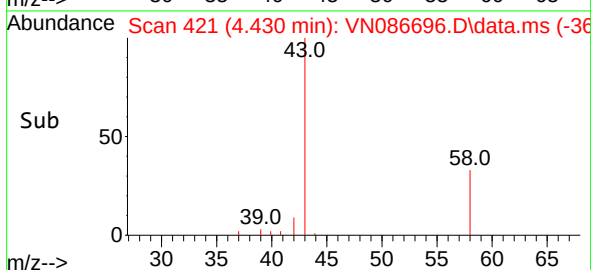
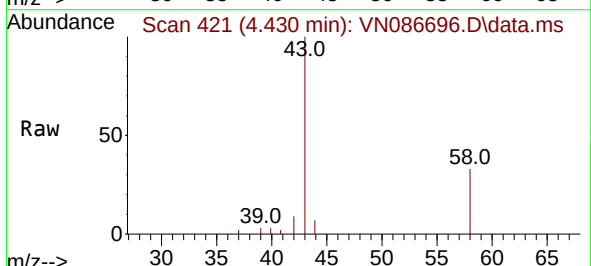
Manual Integrations
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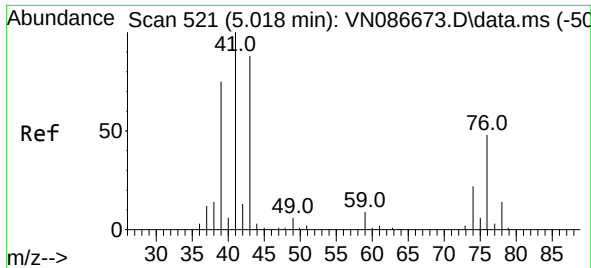
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#16
Acetone
Concen: 27.221 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086696.D
Acq: 19 May 2025 17:53

Tgt Ion: 43 Resp: 25937
Ion Ratio Lower Upper
43 100
58 33.1 25.8 38.6





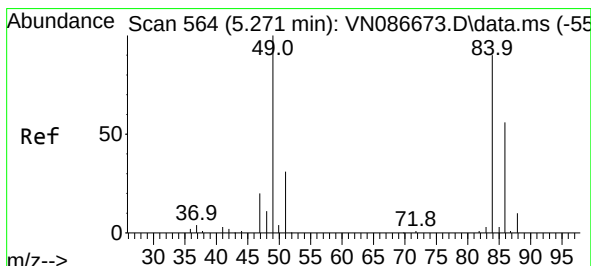
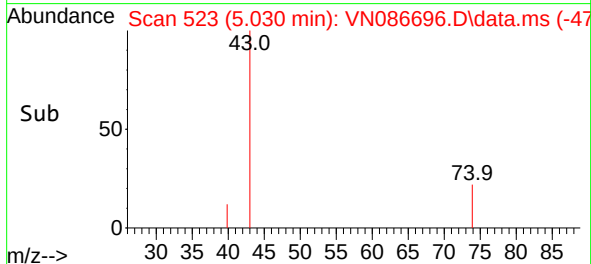
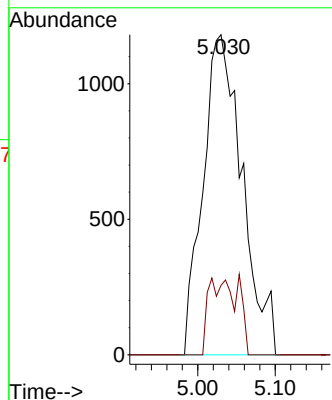
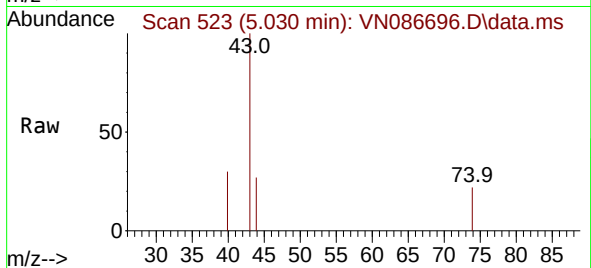
#18
Methyl Acetate
Concen: 1.555 ug/l
RT: 5.030 min Scan# 514
Delta R.T. 0.012 min
Lab File: VN086696.D
Acq: 19 May 2025 17:53

Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#13

Tgt Ion: 43 Resp: 4148
Ion Ratio Lower Upper
43 100
74 6.2 20.5 30.7

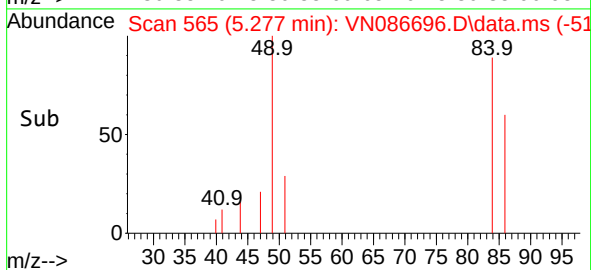
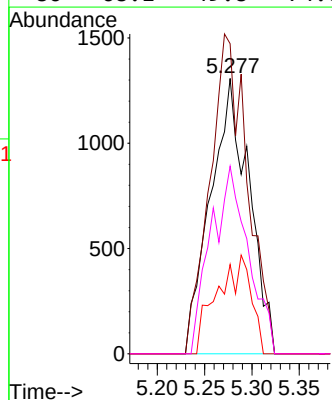
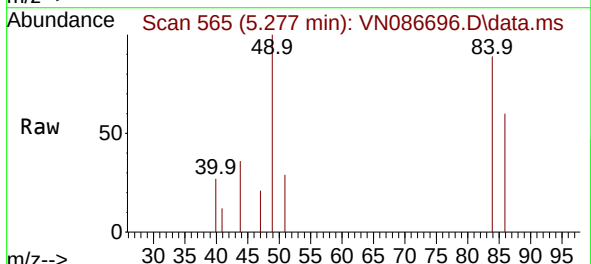
Manual Integrations
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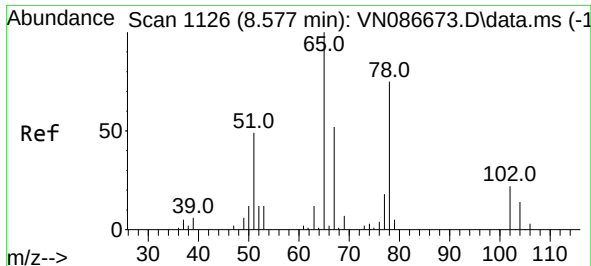
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#20
Methylene Chloride
Concen: 1.470 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086696.D
Acq: 19 May 2025 17:53

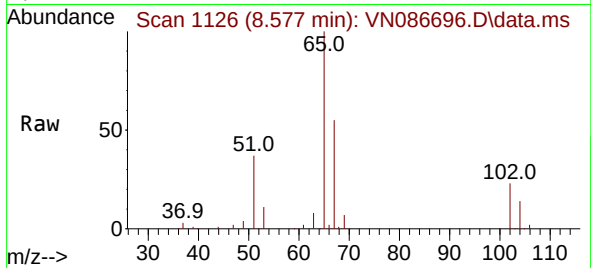
Tgt Ion: 84 Resp: 3696
Ion Ratio Lower Upper
84 100
49 112.6 88.8 133.2
51 32.4 27.8 41.6
86 68.1 49.8 74.6





#33
1,2-Dichloroethane-d4
Concen: 51.649 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086696.D
Acq: 19 May 2025 17:53

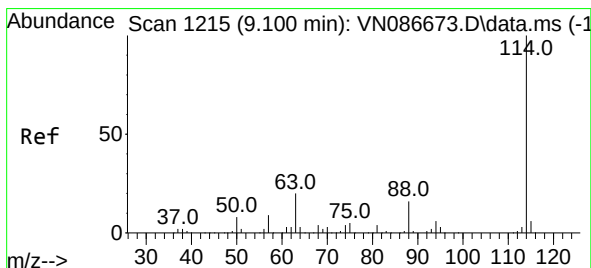
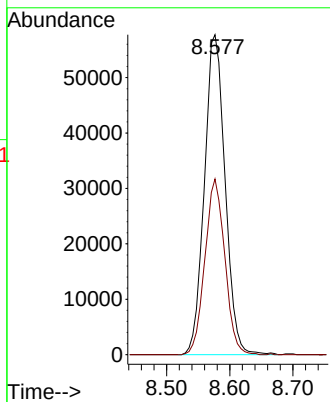
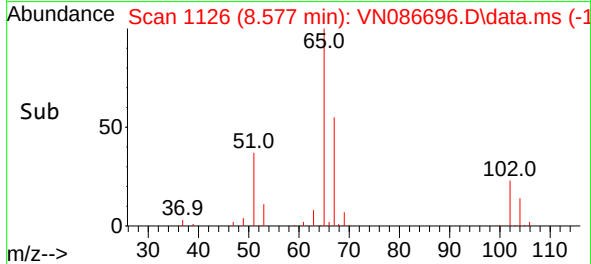
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#13



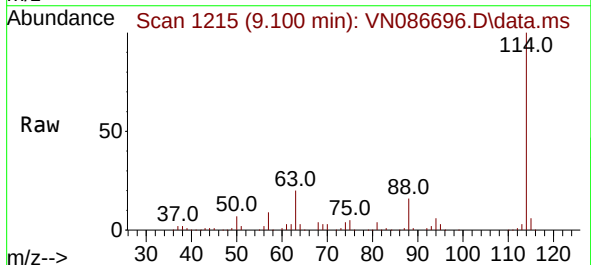
Tgt Ion: 65 Resp: 131562
Ion Ratio Lower Upper
65 100
67 52.8 0.0 106.4

Manual Integrations
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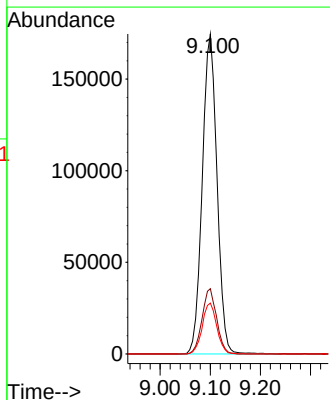
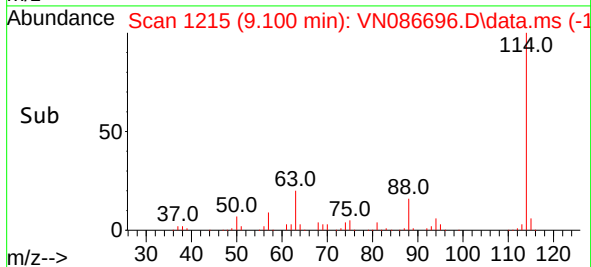
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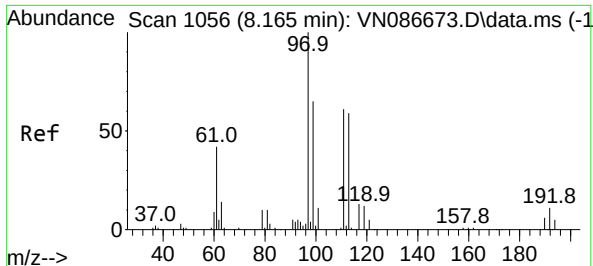


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086696.D
Acq: 19 May 2025 17:53



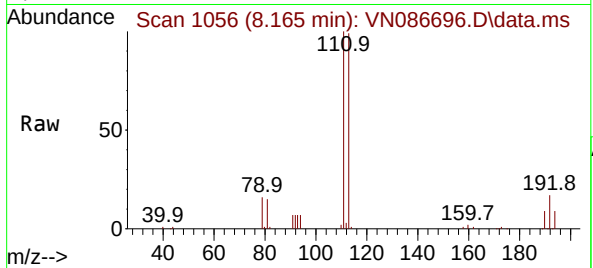
Tgt Ion:114 Resp: 356194
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.2
88 15.9 0.0 31.2





#35
Dibromofluoromethane
Concen: 51.666 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086696.D
Acq: 19 May 2025 17:53

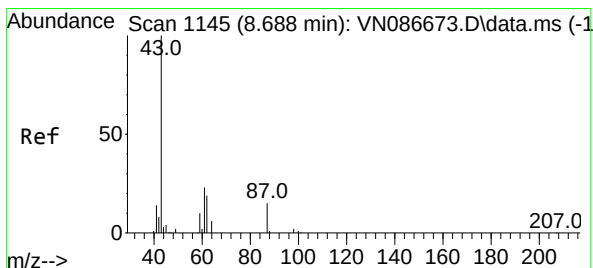
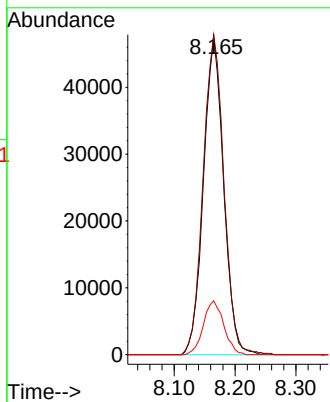
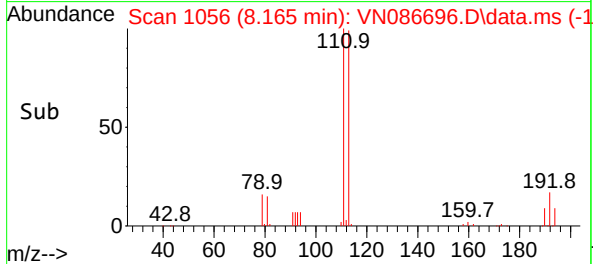
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MSVOA_N
ClientSampleId :
PB168034ZHE#13



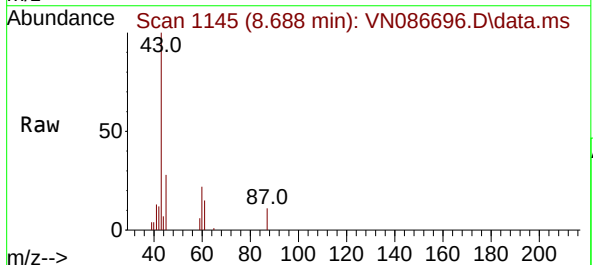
Tgt Ion: 113 Resp: 109599
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 17.1 13.8 20.8

Manual Integrations
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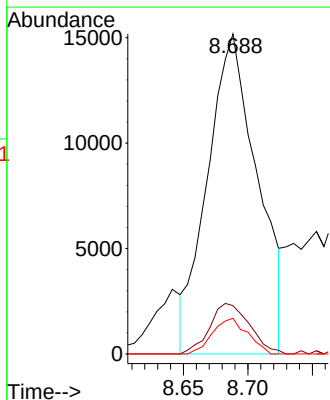
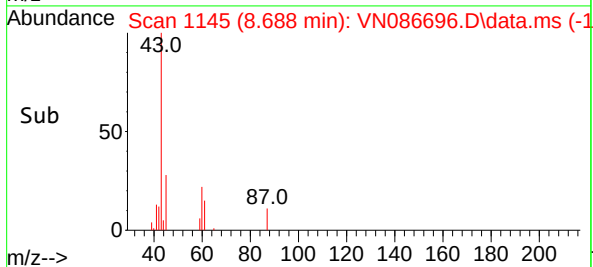
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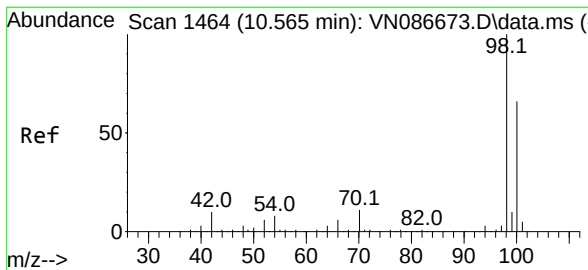


#43
Isopropyl Acetate
Concen: 6.451 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN086696.D
Acq: 19 May 2025 17:53



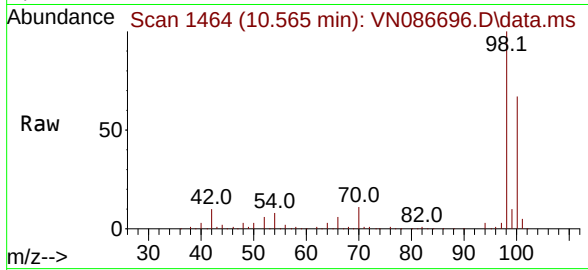
Tgt Ion: 43 Resp: 40877
Ion Ratio Lower Upper
43 100
61 12.6 21.4 32.2#
87 7.8 11.1 16.7#





#50
Toluene-d8
Concen: 52.612 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086696.D
Acq: 19 May 2025 17:53

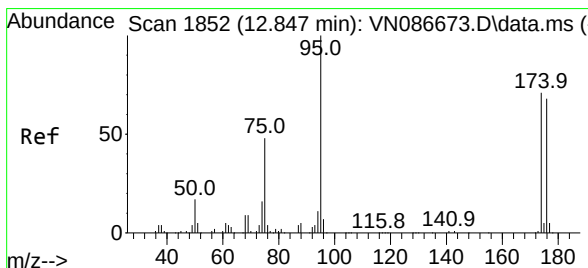
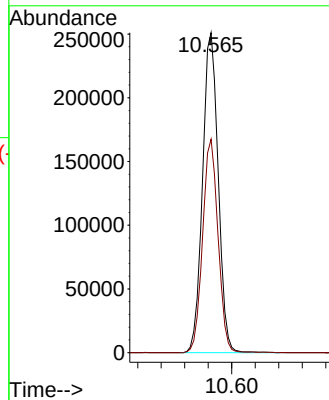
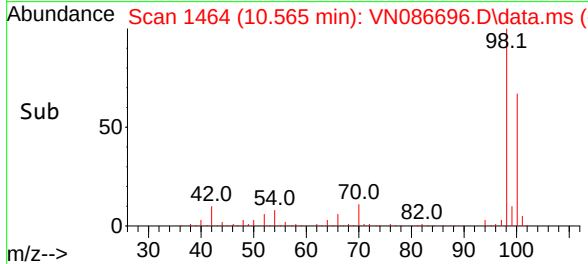
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PB168034ZHE#13



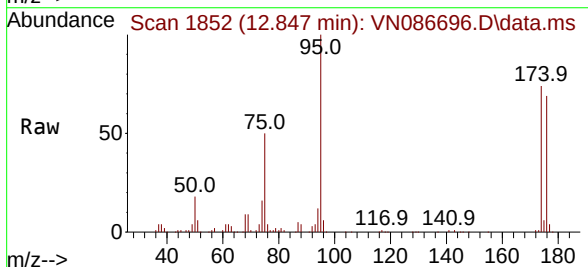
Tgt Ion: 98 Resp: 462494
Ion Ratio Lower Upper
98 100
100 65.8 52.9 79.3

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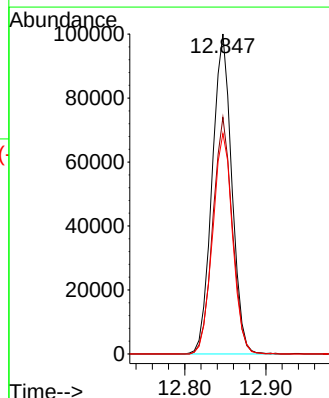
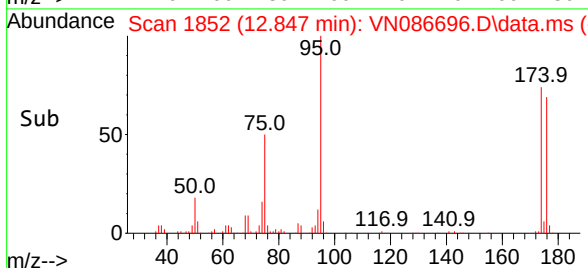
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

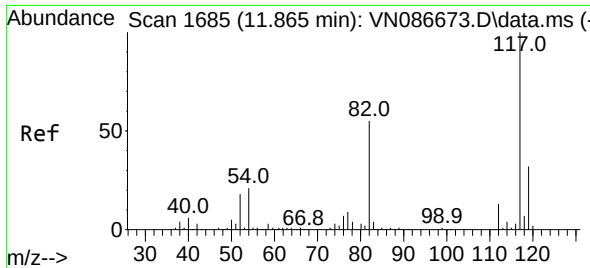


#62
4-Bromofluorobenzene
Concen: 54.176 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086696.D
Acq: 19 May 2025 17:53



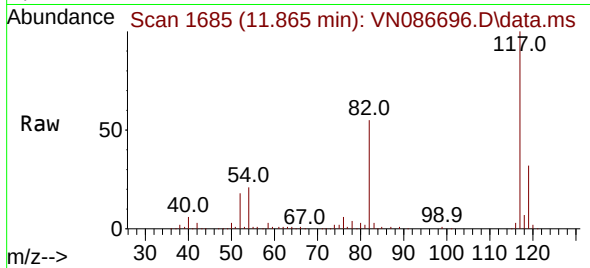
Tgt Ion: 95 Resp: 168160
Ion Ratio Lower Upper
95 100
174 73.3 0.0 145.4
176 69.8 0.0 137.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086696.D
Acq: 19 May 2025 17:53

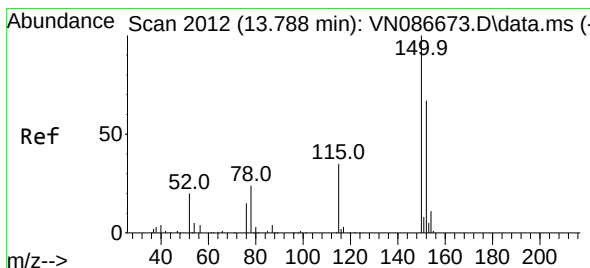
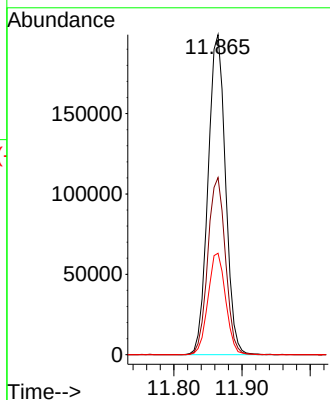
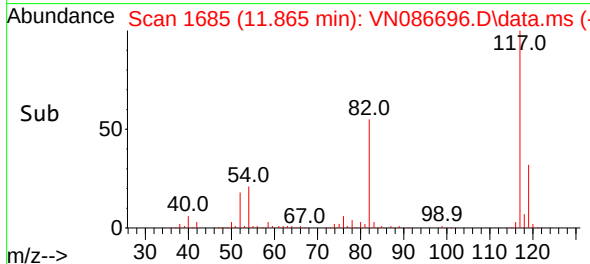
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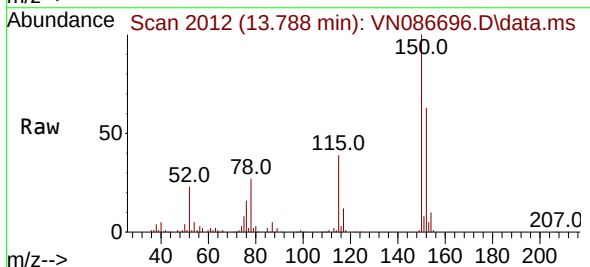
Tgt Ion:117 Resp: 354962
Ion Ratio Lower Upper
117 100
82 55.4 44.2 66.2
119 31.7 25.4 38.2

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: VN086696.D
Acq: 19 May 2025 17:53



Tgt Ion:152 Resp: 147948
Ion Ratio Lower Upper
152 100
115 61.2 30.0 90.1
150 158.2 0.0 347.8

