

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051925\
 Data File : VN086686.D
 Acq On : 19 May 2025 13:51
 Operator : JC\MD
 Sample : PB168034ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB168034ZHE#03

Manual Integrations
 APPROVED

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

Quant Time: May 20 03:18:28 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	195052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	367470	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	361093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	151576	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	133578	49.560	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 99.120%			
35) Dibromofluoromethane	8.165	113	109684	50.120	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.240%			
50) Toluene-d8	10.565	98	479827	52.909	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.820%			
62) 4-Bromofluorobenzene	12.847	95	170145	53.134	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.260%			
Target Compounds						
16) Acetone	4.430	43	23817	23.623	ug/l	100
20) Methylene Chloride	5.271	84	16035	6.027	ug/l	95
25) 2-Butanone	7.483	43	9846	6.320	ug/l	99
43) Isopropyl Acetate	8.682	43	35733m	5.466	ug/l	

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

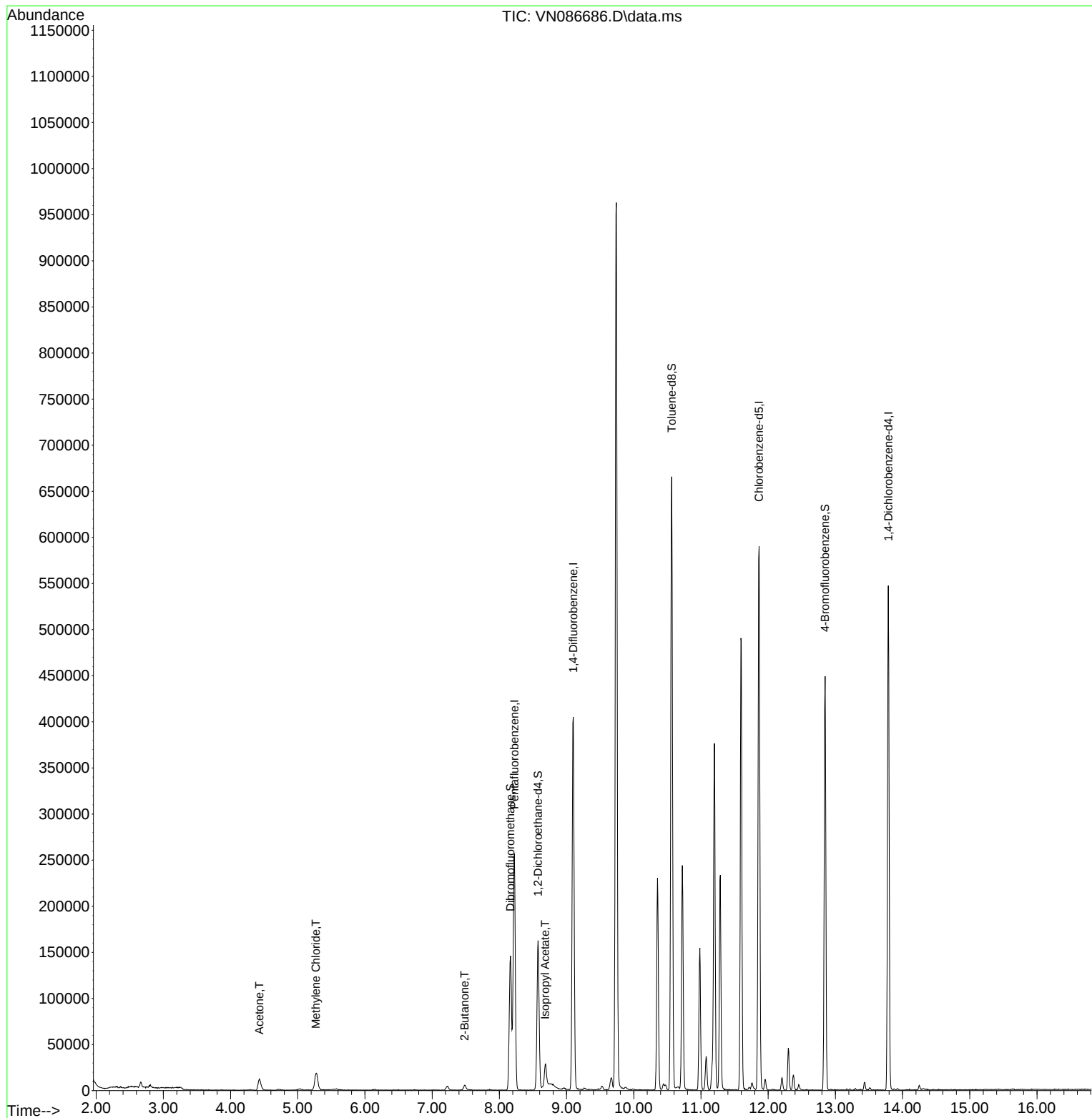
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051925\
Data File : VN086686.D
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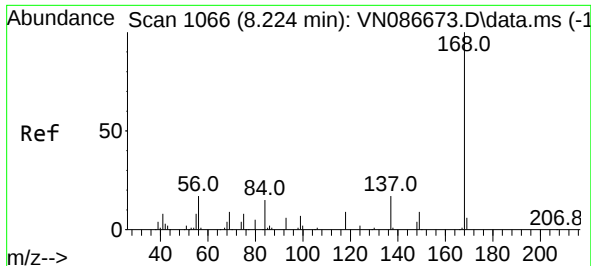
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#03

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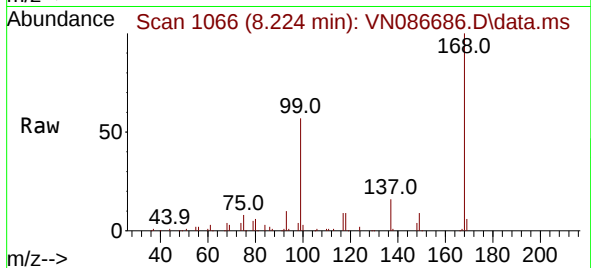
Quant Time: May 20 03:18:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260
QLast Update : Sat May 17 00:46:13 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086686.D
Acq: 19 May 2025 13:51

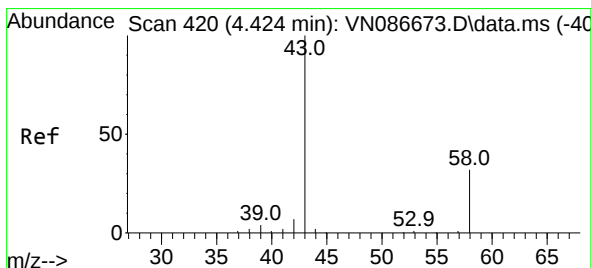
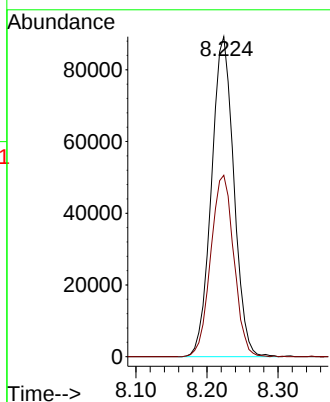
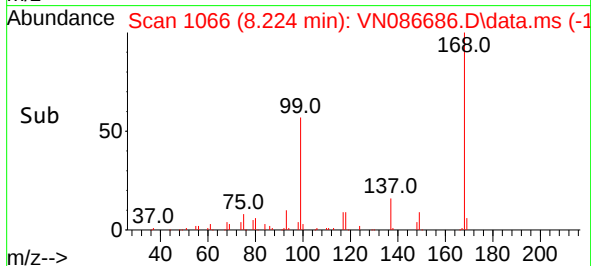
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#03



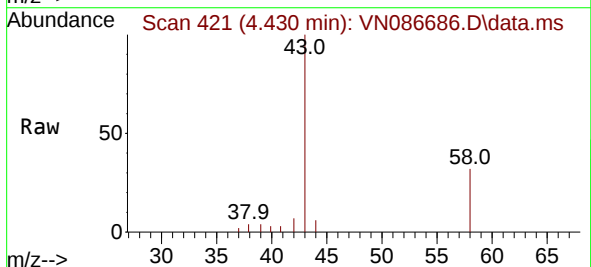
Tgt Ion:168 Resp: 195052
Ion Ratio Lower Upper
168 100
99 56.7 47.0 70.4

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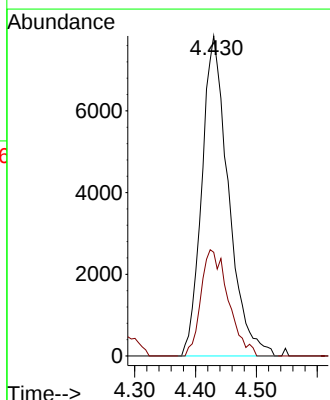
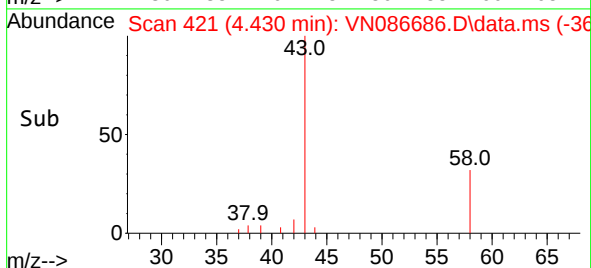
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

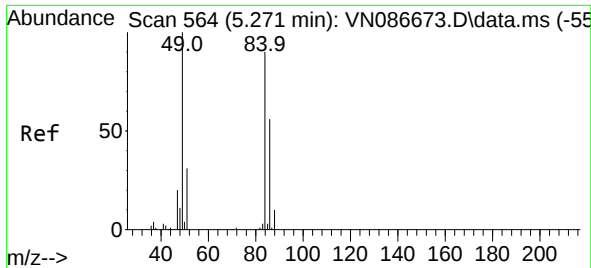


#16
Acetone
Concen: 23.623 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086686.D
Acq: 19 May 2025 13:51



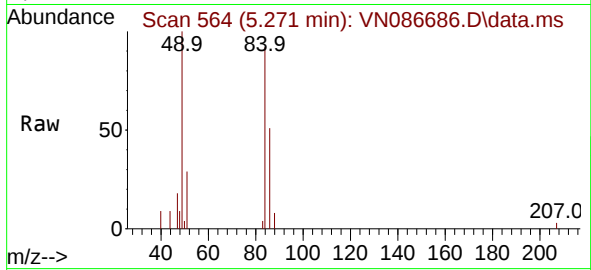
Tgt Ion: 43 Resp: 23817
Ion Ratio Lower Upper
43 100
58 32.4 25.8 38.6





#20
Methylene Chloride
Concen: 6.027 ug/l
RT: 5.271 min Scan# 50
Delta R.T. -0.000 min
Lab File: VN086686.D
Acq: 19 May 2025 13:51

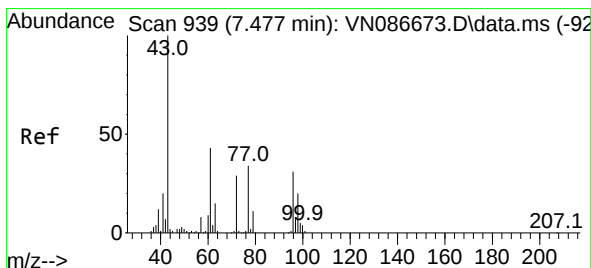
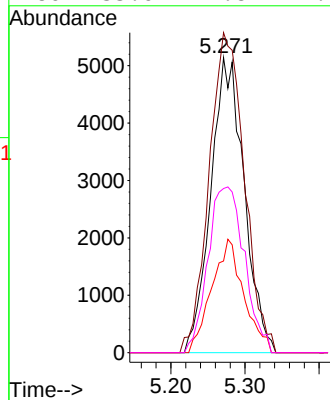
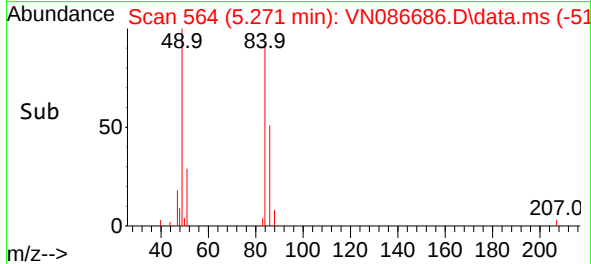
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#03



Tgt Ion: 84 Resp: 1603
Ion Ratio Lower Upper
84 100
49 108.4 88.8 133.2
51 31.1 27.8 41.6
86 55.6 49.8 74.6

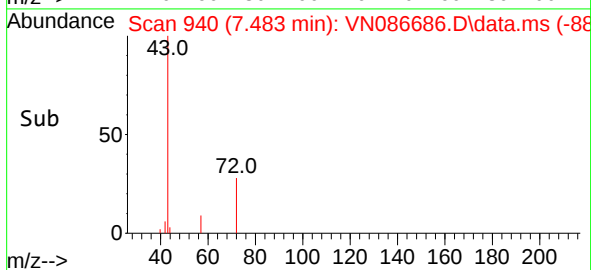
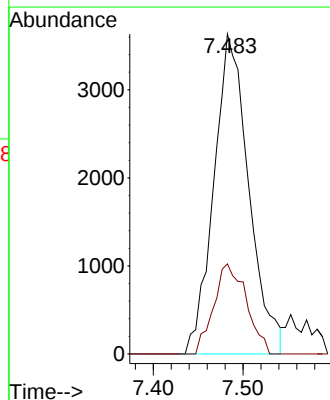
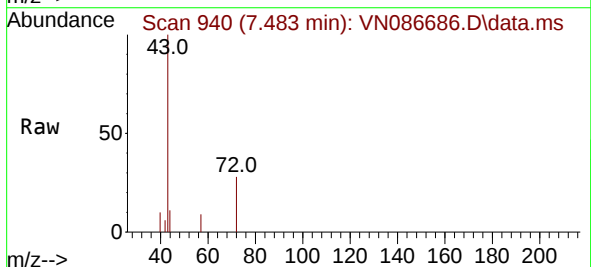
Manual Integrations
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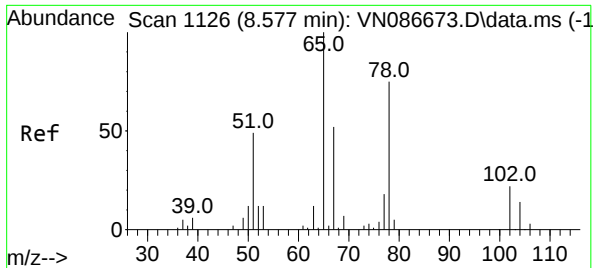
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#25
2-Butanone
Concen: 6.320 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN086686.D
Acq: 19 May 2025 13:51

Tgt Ion: 43 Resp: 9846
Ion Ratio Lower Upper
43 100
72 28.1 23.1 34.7





#33

1,2-Dichloroethane-d4

Concen: 49.560 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086686.D

Acq: 19 May 2025 13:51

Instrument :

MSVOA_N

ClientSampleId :

PB168034ZHE#03

Tgt Ion: 65 Resp: 133578

Ion Ratio Lower Upper

65 100

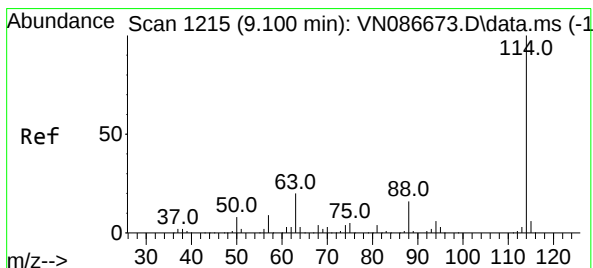
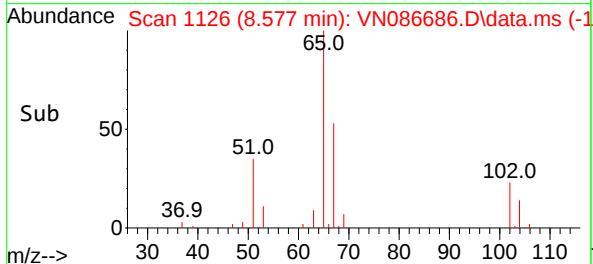
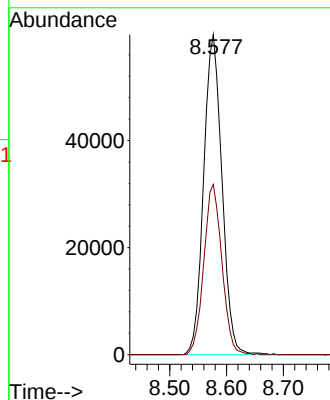
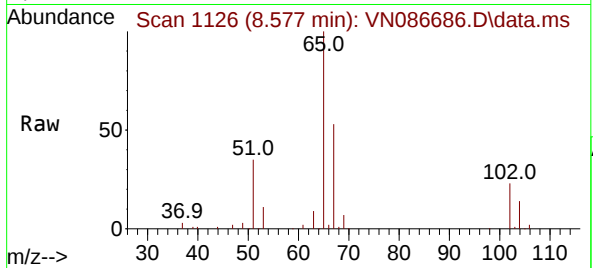
67 52.5 0.0 106.4

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: VN086686.D

Acq: 19 May 2025 13:51

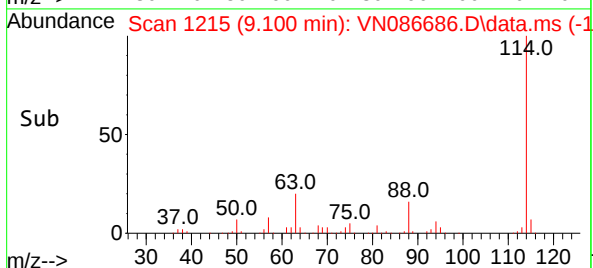
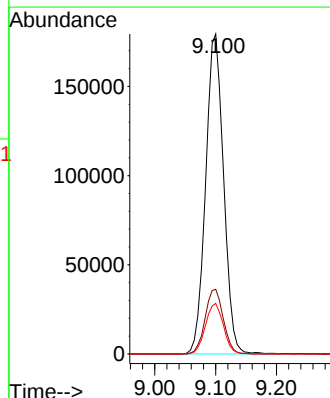
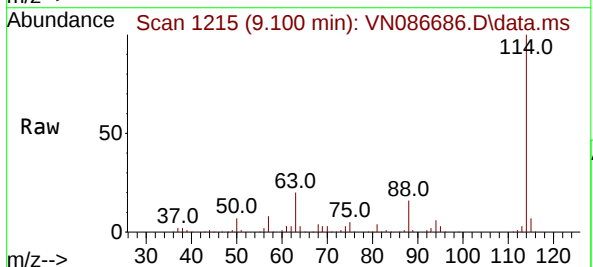
Tgt Ion:114 Resp: 367470

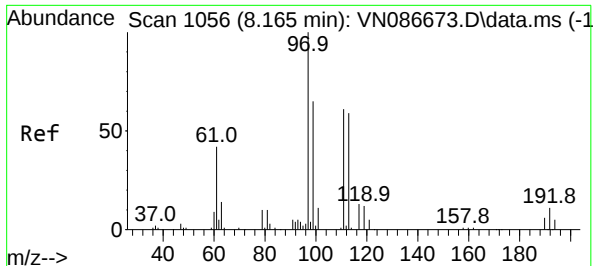
Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.2

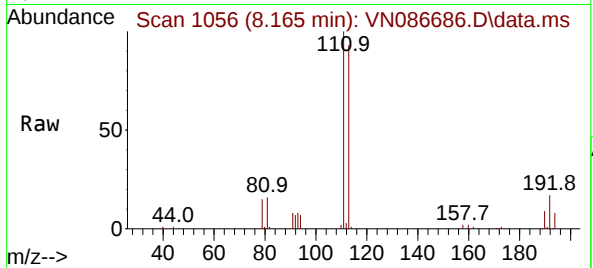
88 15.8 0.0 31.2





#35
Dibromofluoromethane
Concen: 50.120 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086686.D
Acq: 19 May 2025 13:51

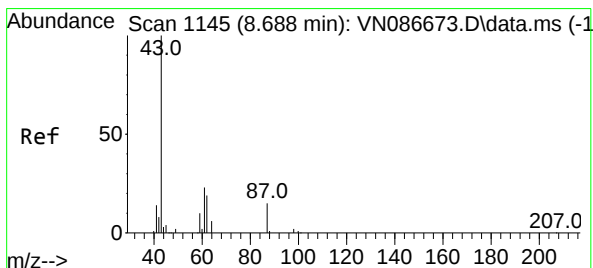
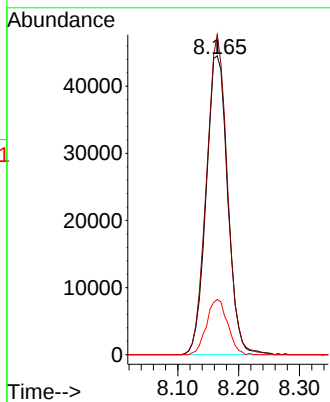
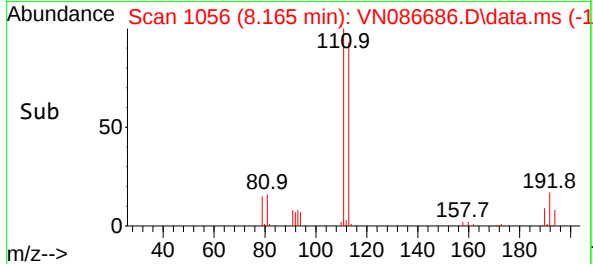
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#03



Tgt Ion: 113 Resp: 109684
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.2
192 18.0 13.8 20.8

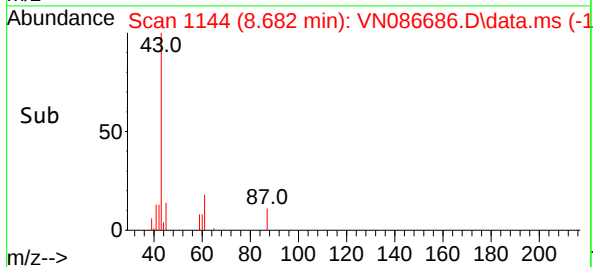
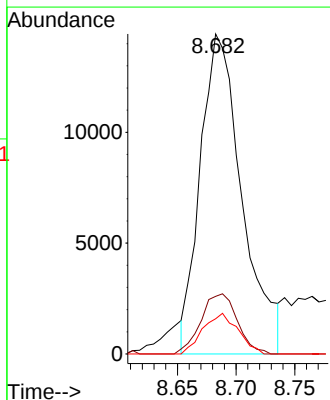
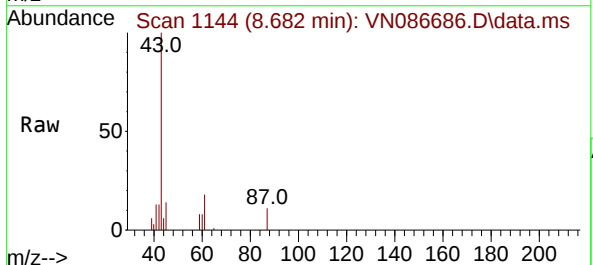
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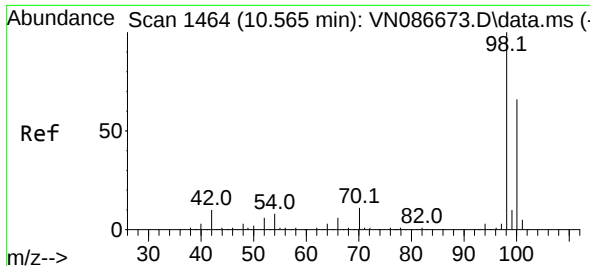
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#43
Isopropyl Acetate
Concen: 5.466 ug/l m
RT: 8.682 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN086686.D
Acq: 19 May 2025 13:51

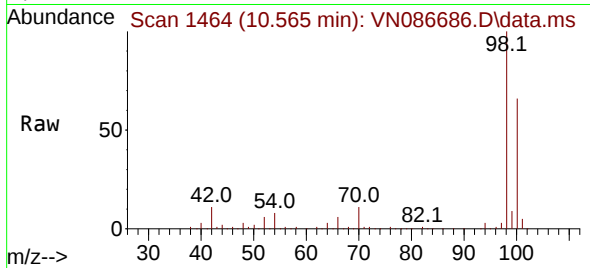
Tgt Ion: 43 Resp: 35733
Ion Ratio Lower Upper
43 100
61 16.4 21.4 32.2#
87 10.7 11.1 16.7#





#50
Toluene-d8
Concen: 52.909 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086686.D
Acq: 19 May 2025 13:51

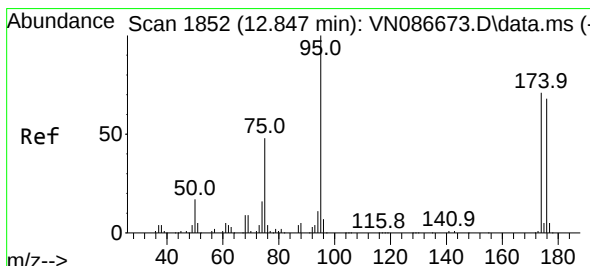
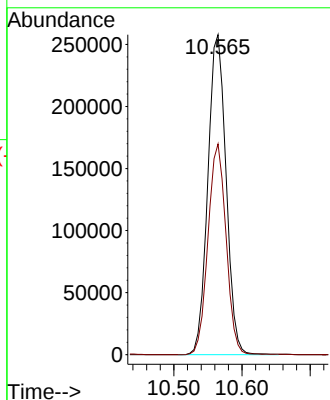
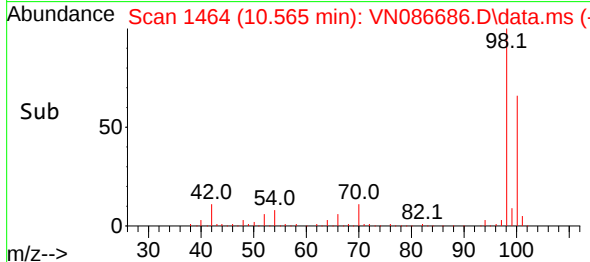
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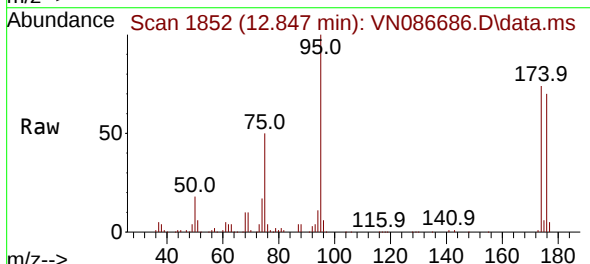
Tgt Ion: 98 Resp: 47982
Ion Ratio Lower Upper
98 100
100 65.3 52.9 79.3

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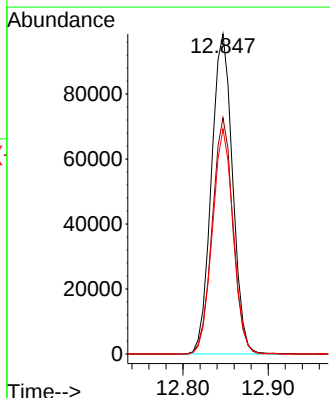
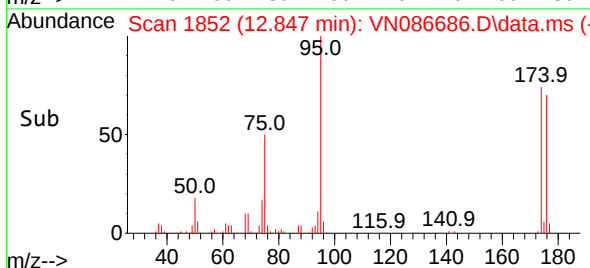
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

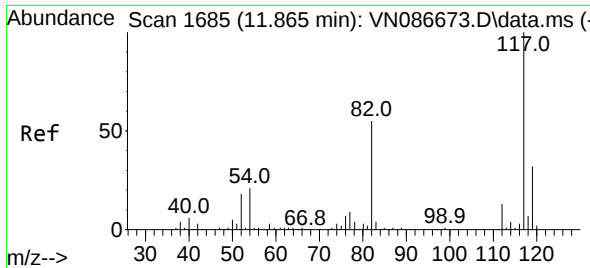


#62
4-Bromofluorobenzene
Concen: 53.134 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086686.D
Acq: 19 May 2025 13:51



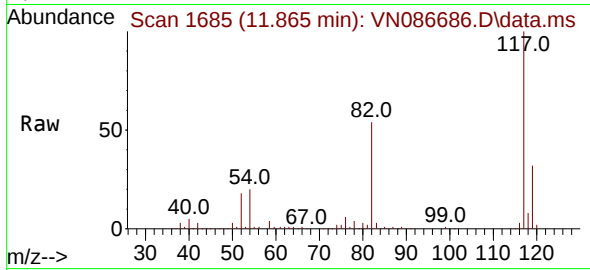
Tgt Ion: 95 Resp: 170145
Ion Ratio Lower Upper
95 100
174 72.0 0.0 145.4
176 69.2 0.0 137.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086686.D
Acq: 19 May 2025 13:51

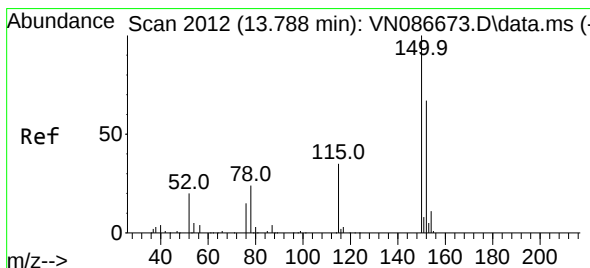
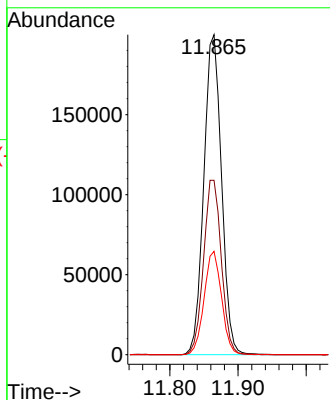
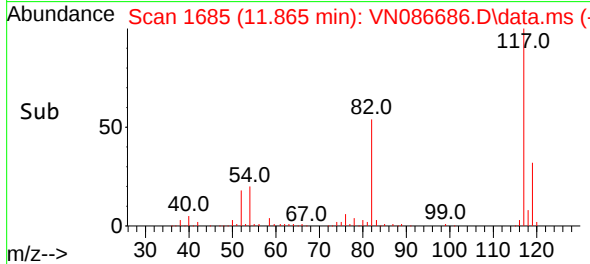
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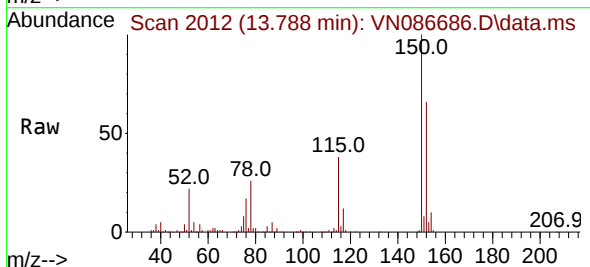
Tgt Ion:117 Resp: 36109
Ion Ratio Lower Upper
117 100
82 54.5 44.2 66.2
119 32.3 25.4 38.2

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: VN086686.D
Acq: 19 May 2025 13:51



Tgt Ion:152 Resp: 151576
Ion Ratio Lower Upper
152 100
115 61.3 30.0 90.1
150 158.3 0.0 347.8

