

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051925\
 Data File : VN086692.D
 Acq On : 19 May 2025 16:16
 Operator : JC\MD
 Sample : PB168034ZHE#09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB168034ZHE#09

Manual Integrations
 APPROVED

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

Quant Time: May 20 03:20:52 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	183161	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	357767	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	352141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	149365	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	131653	52.017	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 104.040%		
35) Dibromofluoromethane	8.165	113	109211	51.257	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 102.520%		
50) Toluene-d8	10.565	98	467991	53.003	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 106.000%		
62) 4-Bromofluorobenzene	12.847	95	167934	53.865	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery	= 107.740%		
Target Compounds						Qvalue
16) Acetone	4.430	43	26808	28.316	ug/l	98
18) Methyl Acetate	5.024	43	4194	1.583	ug/l #	85
20) Methylene Chloride	5.271	84	3418	1.368	ug/l #	90
43) Isopropyl Acetate	8.688	43	43580m	6.848	ug/l	

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

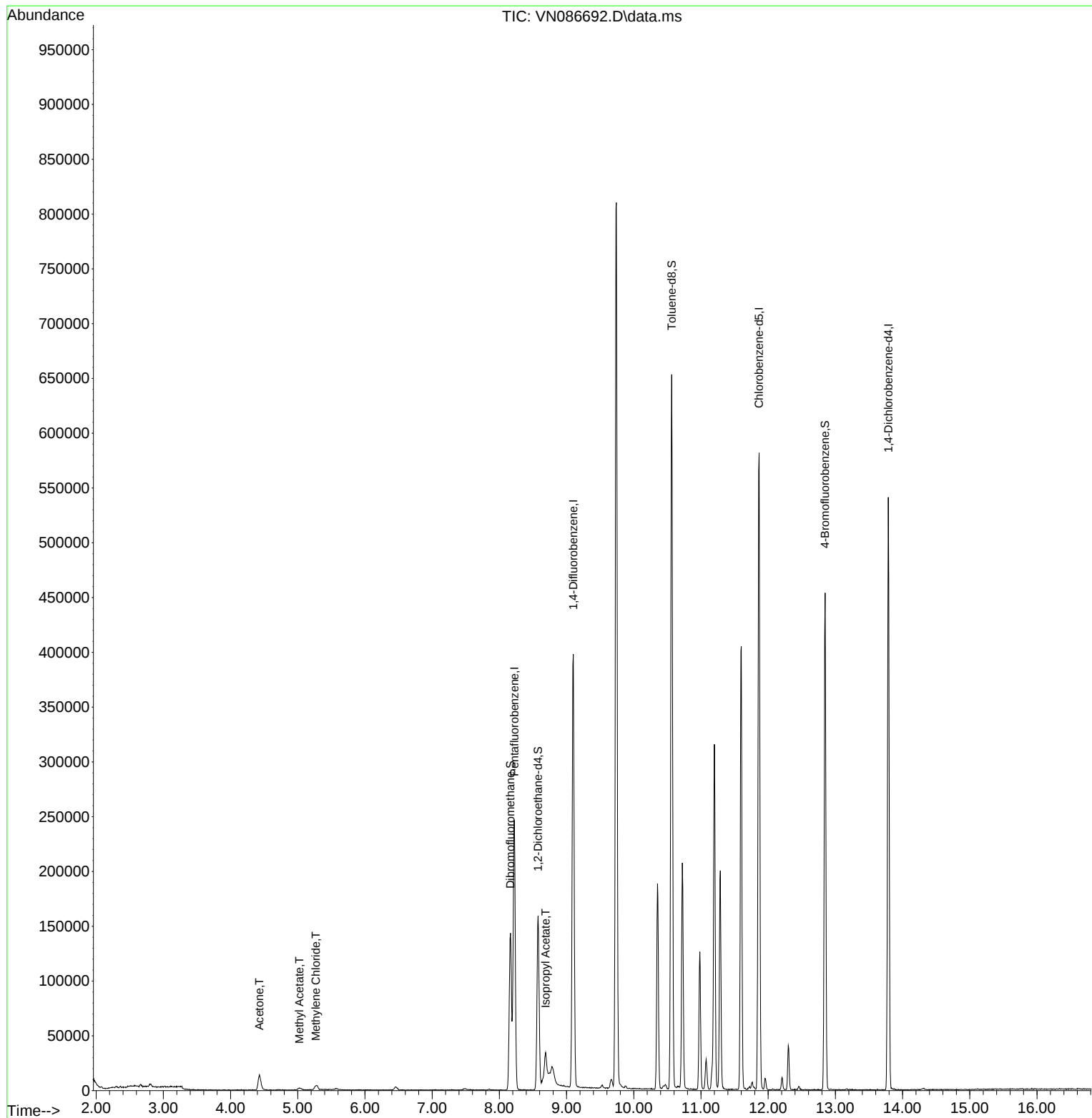
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051925\
Data File : VN086692.D
Acq On : 19 May 2025 16:16
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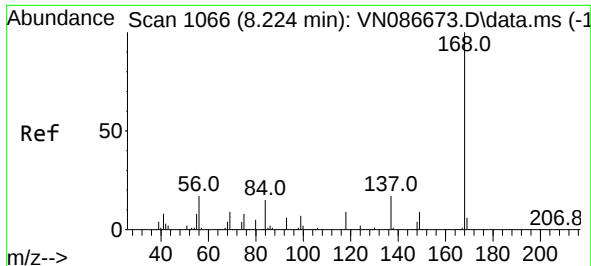
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#09

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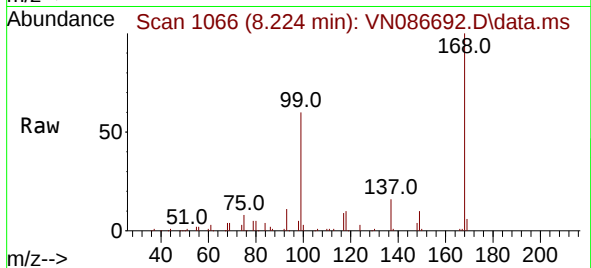
Quant Time: May 20 03:20:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260
QLast Update : Sat May 17 00:46:13 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086692.D
Acq: 19 May 2025 16:16

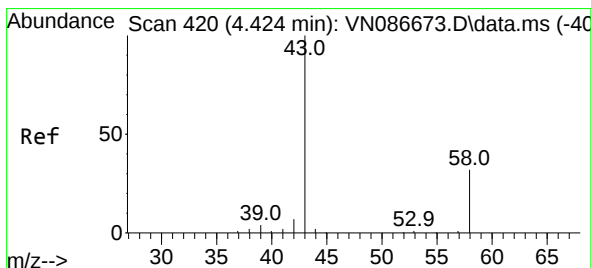
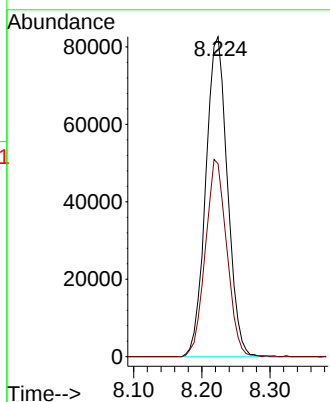
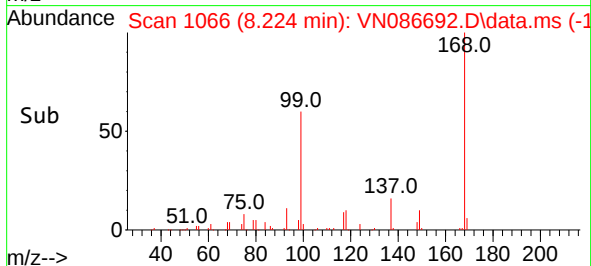
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#09



Tgt Ion:168 Resp: 18316
Ion Ratio Lower Upper
168 100
99 60.3 47.0 70.4

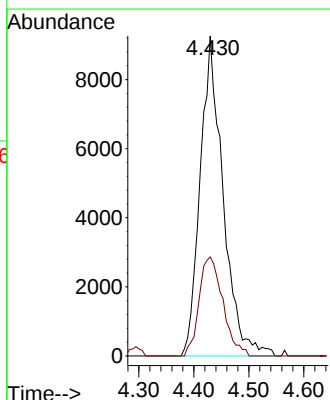
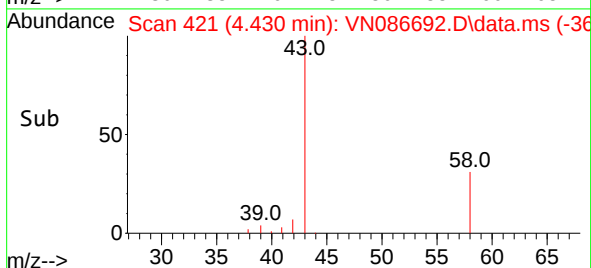
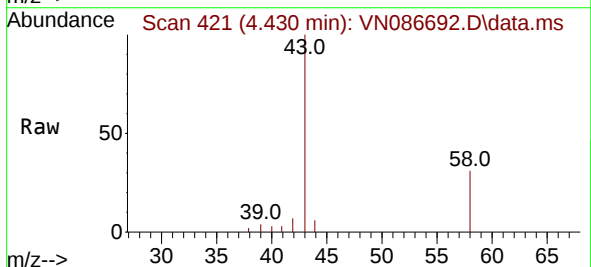
Manual Integrations
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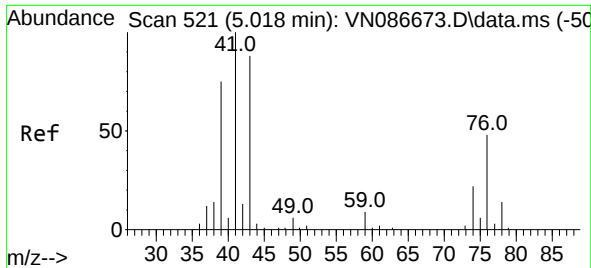
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#16
Acetone
Concen: 28.316 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086692.D
Acq: 19 May 2025 16:16

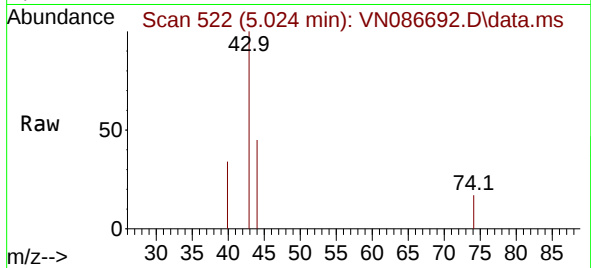
Tgt Ion: 43 Resp: 26808
Ion Ratio Lower Upper
43 100
58 31.0 25.8 38.6





#18
Methyl Acetate
Concen: 1.583 ug/l
RT: 5.024 min Scan# 519
Delta R.T. 0.006 min
Lab File: VN086692.D
Acq: 19 May 2025 16:16

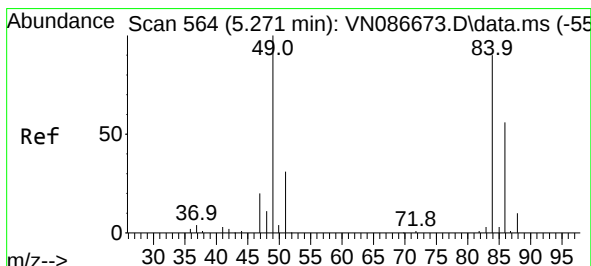
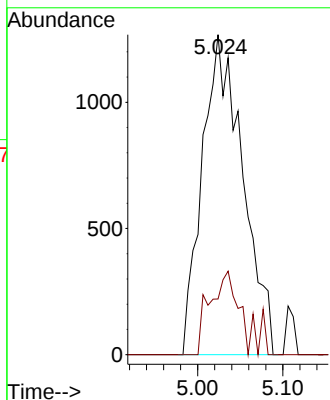
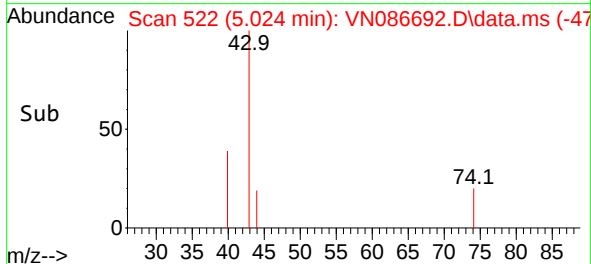
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#09



Tgt Ion: 43 Resp: 4194
Ion Ratio Lower Upper
43 100
74 17.8 20.5 30.7

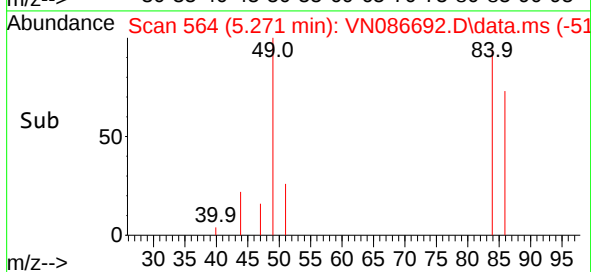
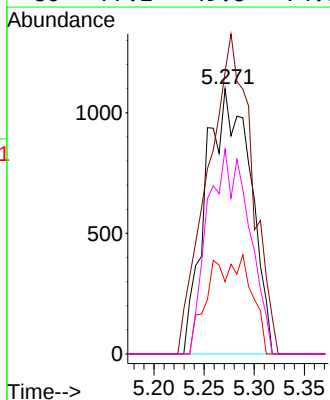
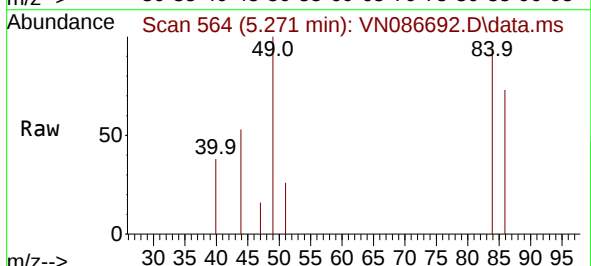
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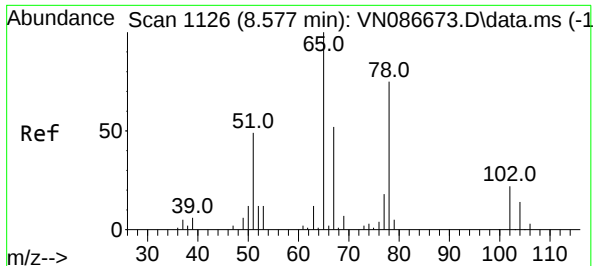
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#20
Methylene Chloride
Concen: 1.368 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086692.D
Acq: 19 May 2025 16:16

Tgt Ion: 84 Resp: 3418
Ion Ratio Lower Upper
84 100
49 106.3 88.8 133.2
51 27.2 27.8 41.6#
86 77.2 49.8 74.6#





#33

1,2-Dichloroethane-d4

Concen: 52.017 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086692.D

Acq: 19 May 2025 16:16

Instrument :

MSVOA_N

ClientSampleId :

PB168034ZHE#09

Tgt Ion: 65 Resp: 13165

Ion Ratio Lower Upper

65 100

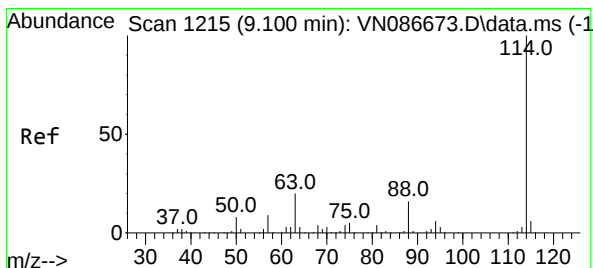
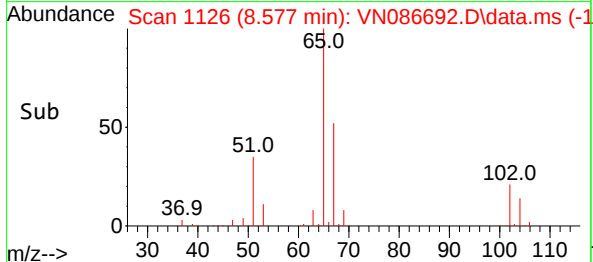
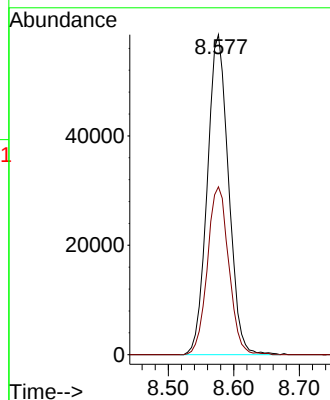
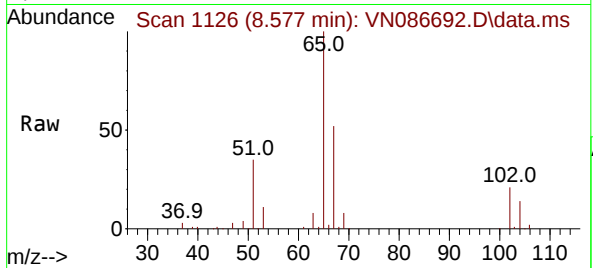
67 52.8 0.0 106.4

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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: VN086692.D

Acq: 19 May 2025 16:16

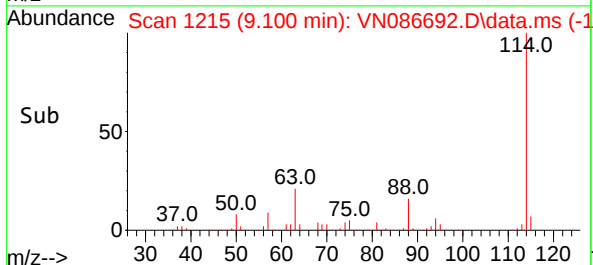
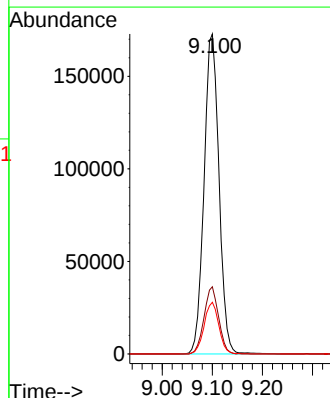
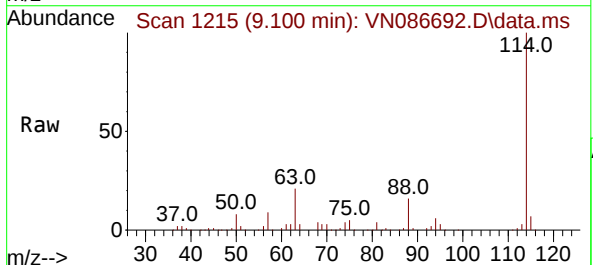
Tgt Ion:114 Resp: 357767

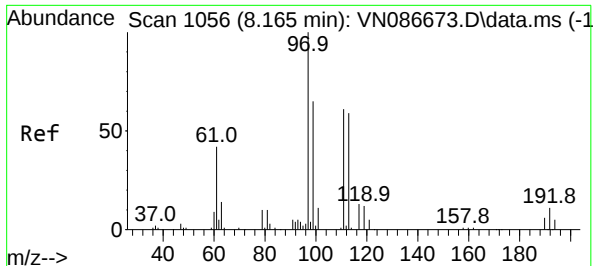
Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.2

88 16.2 0.0 31.2





#35

Dibromofluoromethane

Concen: 51.257 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086692.D

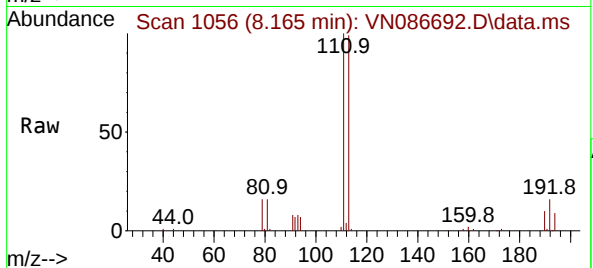
Acq: 19 May 2025 16:16

Instrument :

MSVOA_N

ClientSampleId :

PB168034ZHE#09



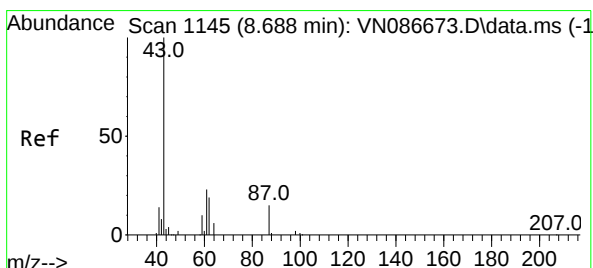
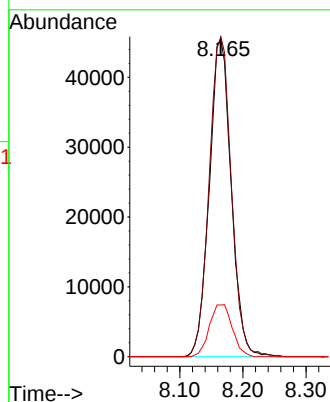
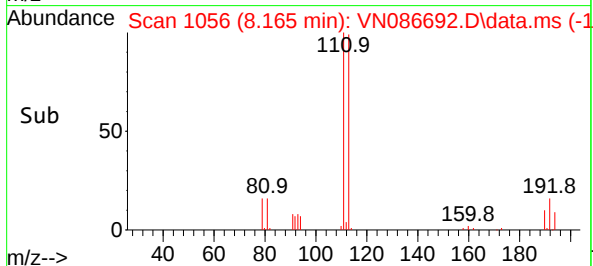
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.2	123.2
192	17.2	13.8	20.8

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Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#43

Isopropyl Acetate

Concen: 6.848 ug/l m

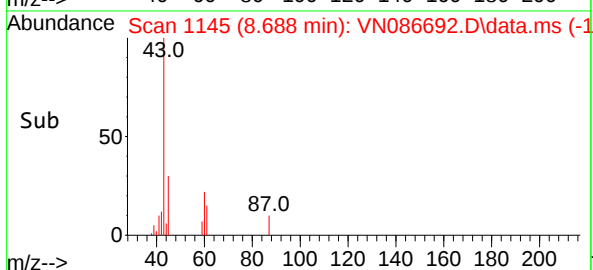
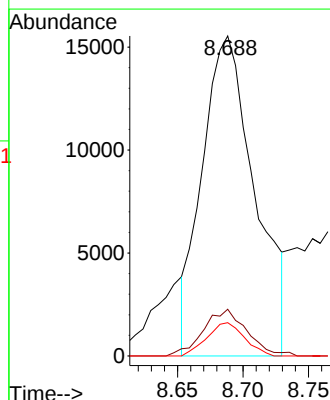
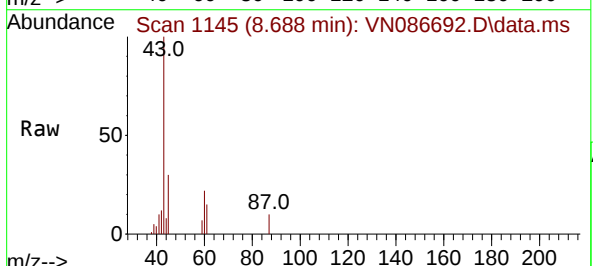
RT: 8.688 min Scan# 1145

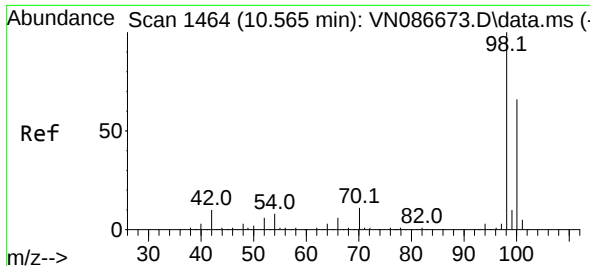
Delta R.T. -0.000 min

Lab File: VN086692.D

Acq: 19 May 2025 16:16

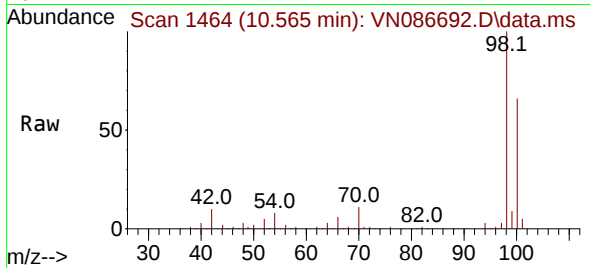
Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.1	21.4	32.2#
87	7.4	11.1	16.7#





#50
Toluene-d8
Concen: 53.003 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086692.D
Acq: 19 May 2025 16:16

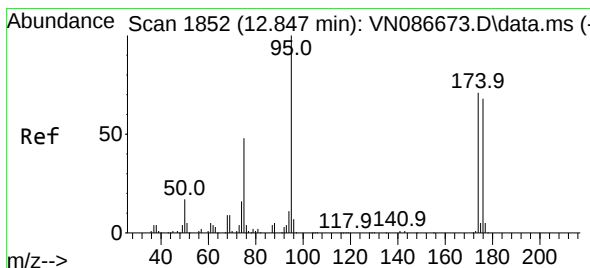
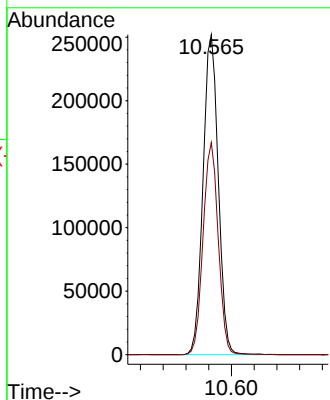
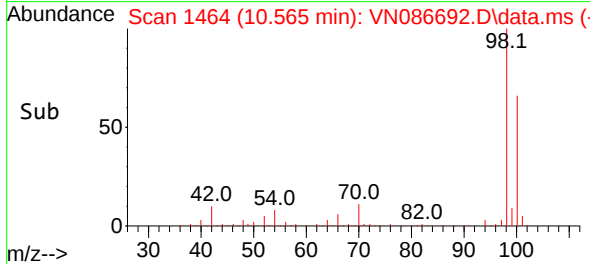
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#09



Tgt Ion: 98 Resp: 46799
Ion Ratio Lower Upper
98 100
100 65.9 52.9 79.3

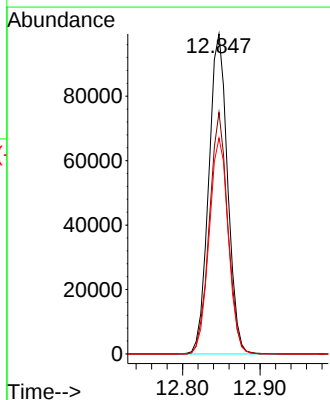
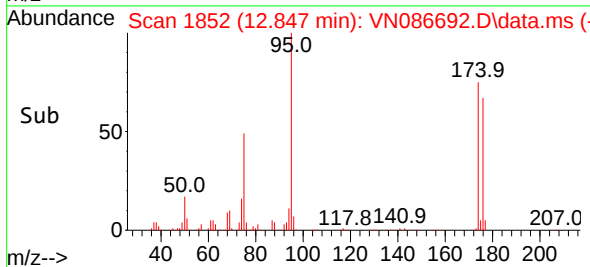
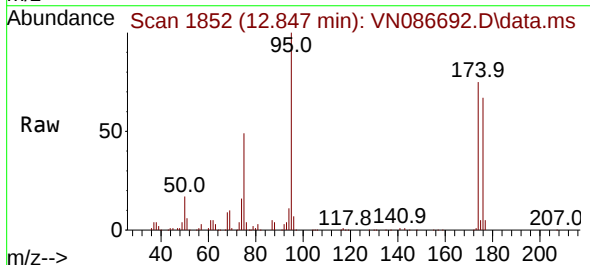
Manual Integrations
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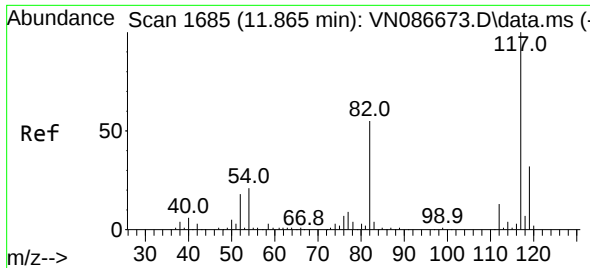
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#62
4-Bromofluorobenzene
Concen: 53.865 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086692.D
Acq: 19 May 2025 16:16

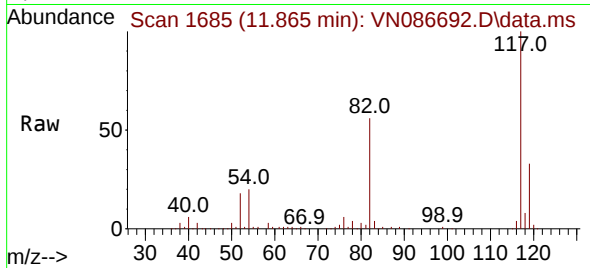
Tgt Ion: 95 Resp: 167934
Ion Ratio Lower Upper
95 100
174 73.8 0.0 145.4
176 68.4 0.0 137.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086692.D
Acq: 19 May 2025 16:16

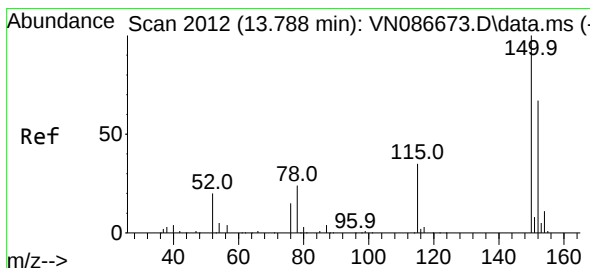
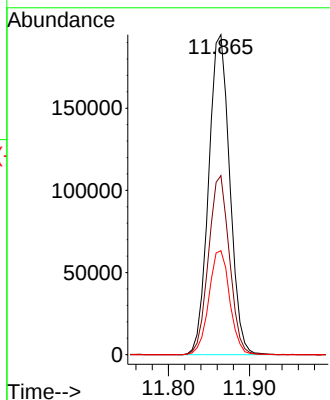
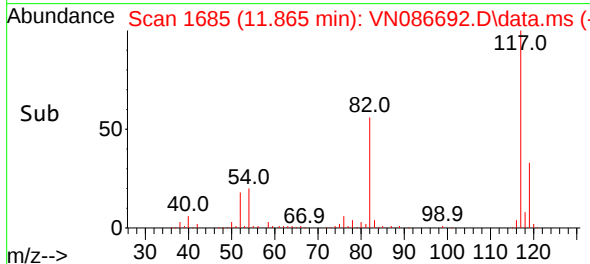
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#09



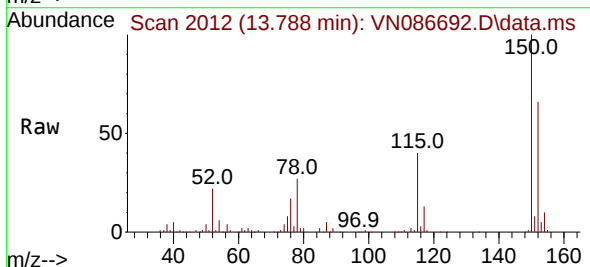
Tgt Ion:117 Resp: 35214
Ion Ratio Lower Upper
117 100
82 55.9 44.2 66.2
119 32.5 25.4 38.2

Manual Integrations
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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: VN086692.D
Acq: 19 May 2025 16:16



Tgt Ion:152 Resp: 149365
Ion Ratio Lower Upper
152 100
115 60.6 30.0 90.1
150 154.9 0.0 347.8

