

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051925\
 Data File : VN086698.D
 Acq On : 19 May 2025 18:41
 Operator : JC\MD
 Sample : PB168034ZHE#15
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB168034ZHE#15

Manual Integrations
 APPROVED

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

Quant Time: May 20 03:23:21 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	173192	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	342667	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	339152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	142316	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	125810	52.570	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.140%			
35) Dibromofluoromethane	8.165	113	104413	51.165	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.320%			
50) Toluene-d8	10.565	98	444595	52.572	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.140%			
62) 4-Bromofluorobenzene	12.847	95	161512	54.088	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.180%			
Target Compounds						
						Qvalue
16) Acetone	4.430	43	25630	28.630	ug/l	92
18) Methyl Acetate	5.036	43	4214	1.682	ug/l #	86
20) Methylene Chloride	5.271	84	4420	1.871	ug/l	90
43) Isopropyl Acetate	8.688	43	40228m	6.599	ug/l	

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

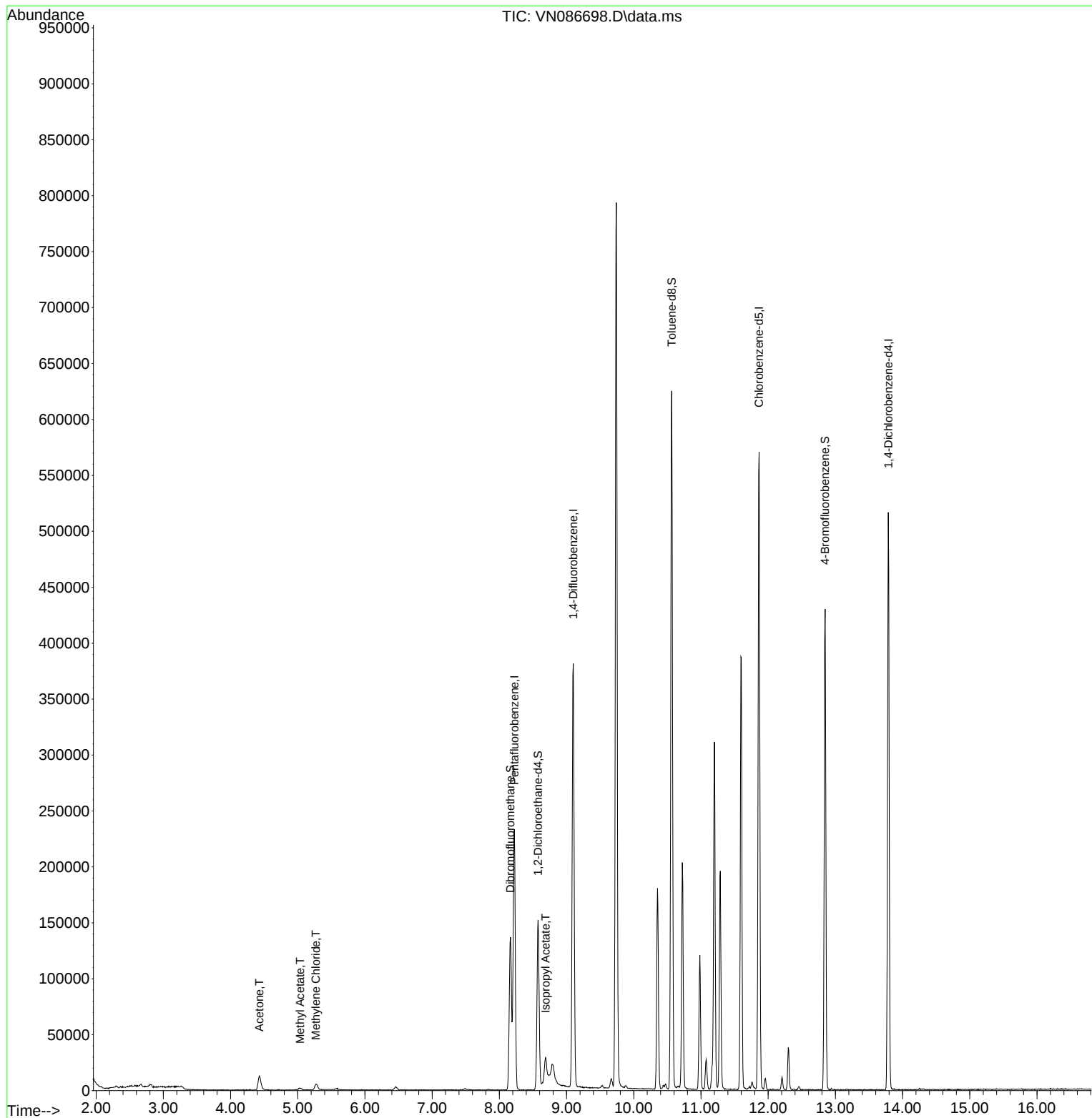
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051925\
Data File : VN086698.D
Acq On : 19 May 2025 18:41
Operator : JC\MD
Sample : PB168034ZHE#15
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

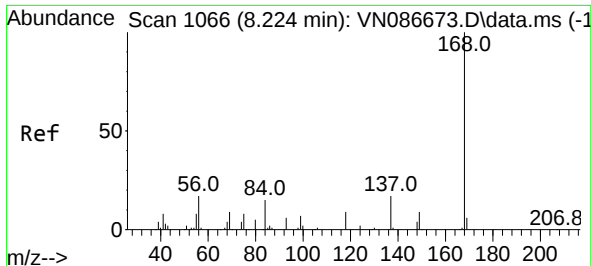
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#15

Manual Integrations
APPROVED

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

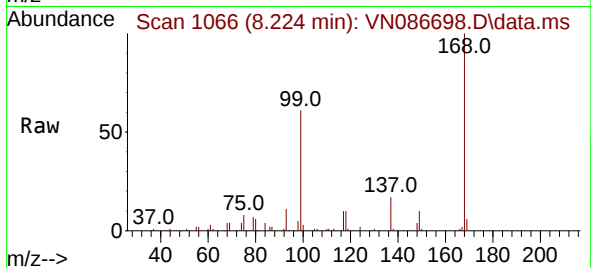
Quant Time: May 20 03:23:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260
QLast Update : Sat May 17 00:46:13 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086698.D
Acq: 19 May 2025 18:41

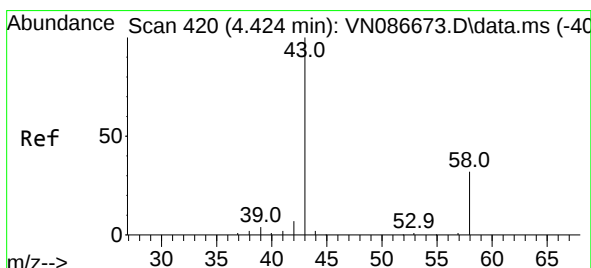
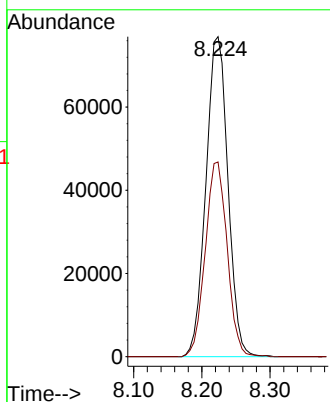
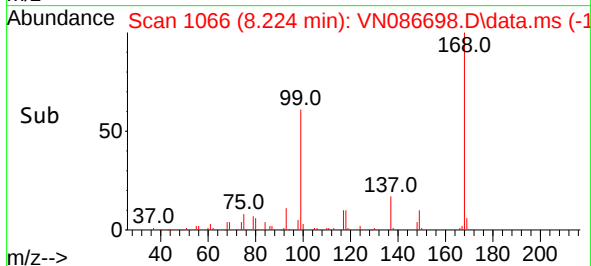
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#15



Tgt Ion:168 Resp: 173192
Ion Ratio Lower Upper
168 100
99 60.9 47.0 70.4

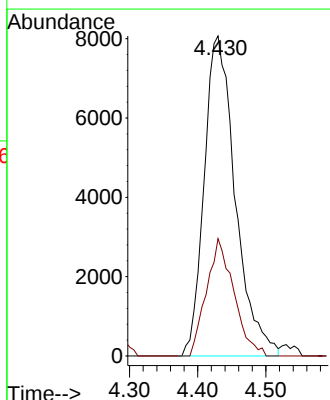
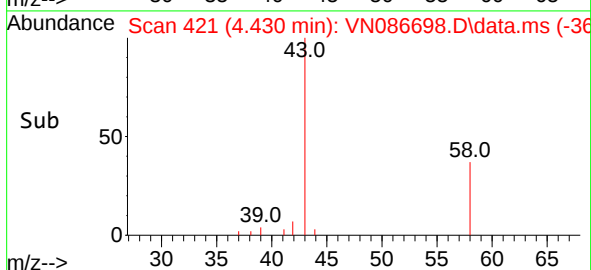
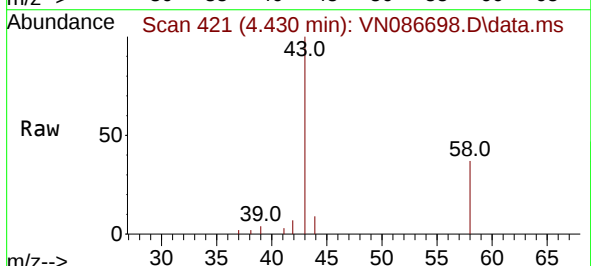
Manual Integrations
APPROVED

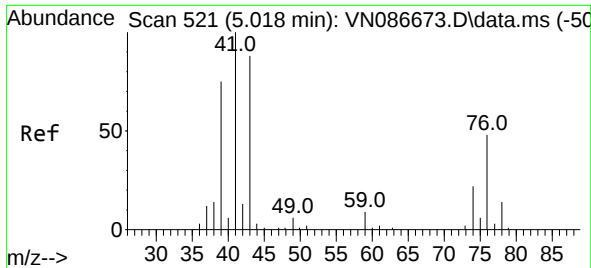
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#16
Acetone
Concen: 28.630 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086698.D
Acq: 19 May 2025 18:41

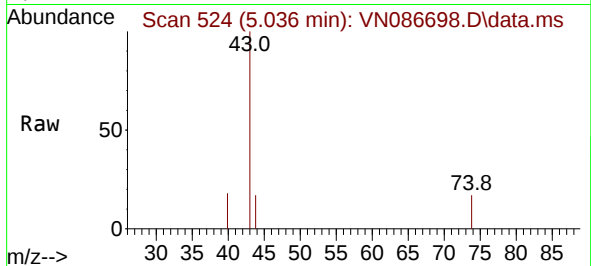
Tgt Ion: 43 Resp: 25630
Ion Ratio Lower Upper
43 100
58 36.6 25.8 38.6





#18
Methyl Acetate
Concen: 1.682 ug/l
RT: 5.036 min Scan# 514
Delta R.T. 0.017 min
Lab File: VN086698.D
Acq: 19 May 2025 18:41

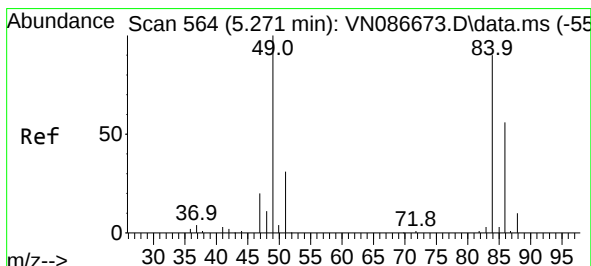
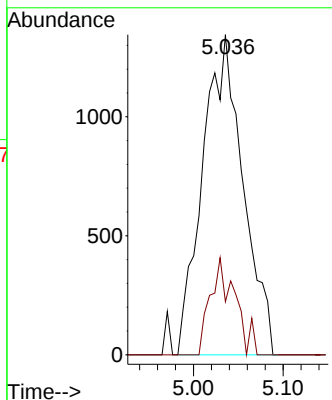
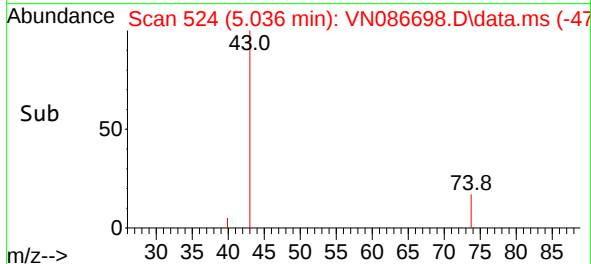
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#15



Tgt Ion: 43 Resp: 4214
Ion Ratio Lower Upper
43 100
74 18.5 20.5 30.75

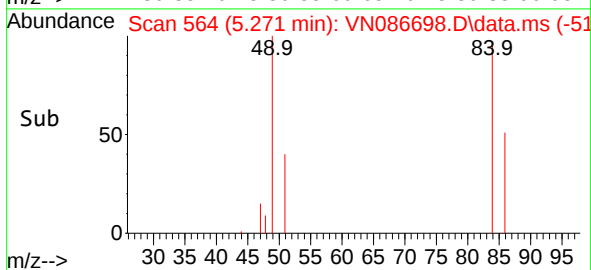
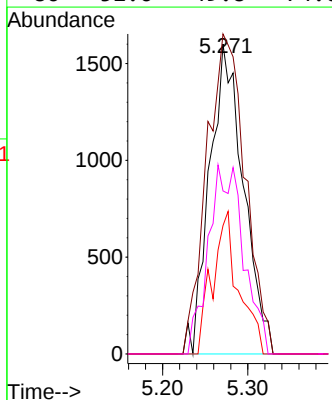
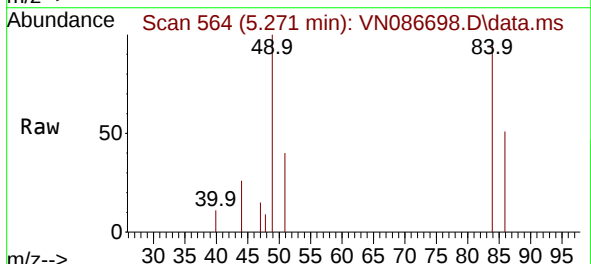
Manual Integrations
APPROVED

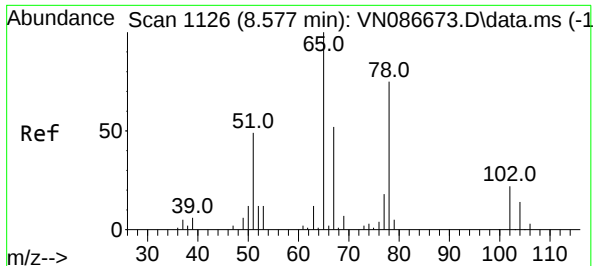
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#20
Methylene Chloride
Concen: 1.871 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086698.D
Acq: 19 May 2025 18:41

Tgt Ion: 84 Resp: 4420
Ion Ratio Lower Upper
84 100
49 103.2 88.8 133.2
51 41.4 27.8 41.6
86 52.6 49.8 74.6





#33

1,2-Dichloroethane-d4

Concen: 52.570 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086698.D

Acq: 19 May 2025 18:41

Instrument :

MSVOA_N

ClientSampleId :

PB168034ZHE#15

Tgt Ion: 65 Resp: 125810

Ion Ratio Lower Upper

65 100

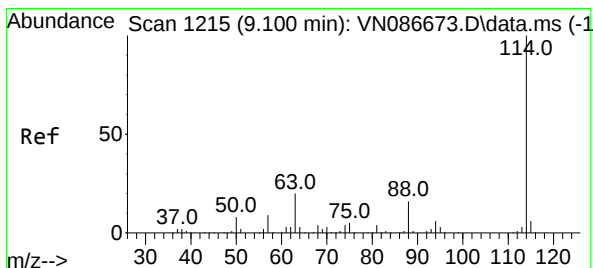
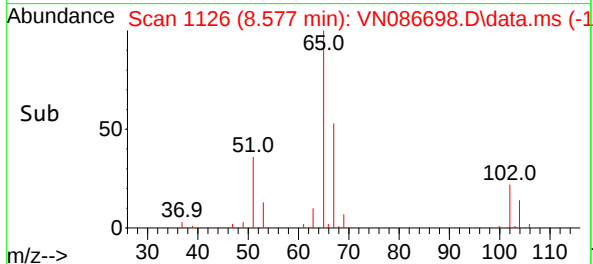
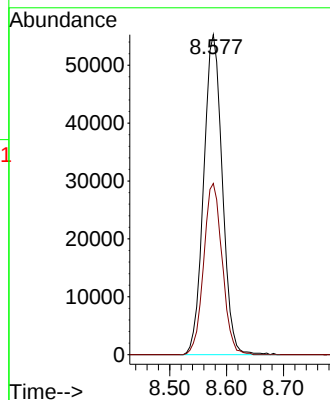
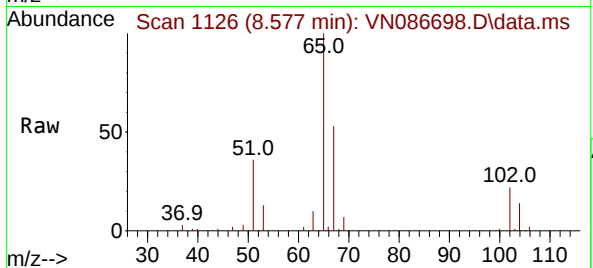
67 53.2 0.0 106.4

Manual Integrations

APPROVED

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: VN086698.D

Acq: 19 May 2025 18:41

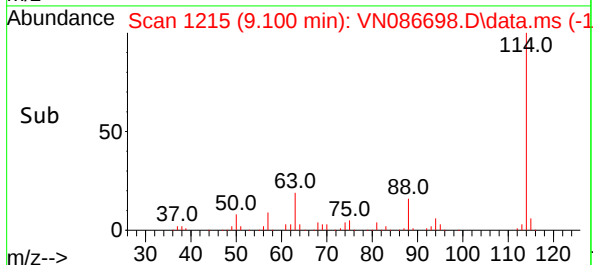
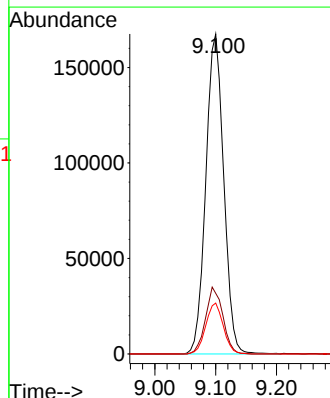
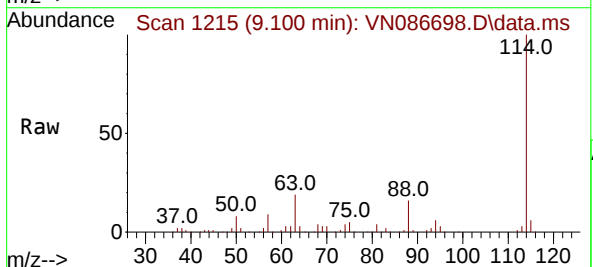
Tgt Ion:114 Resp: 342667

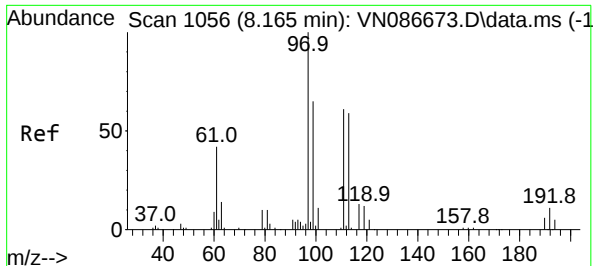
Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.2

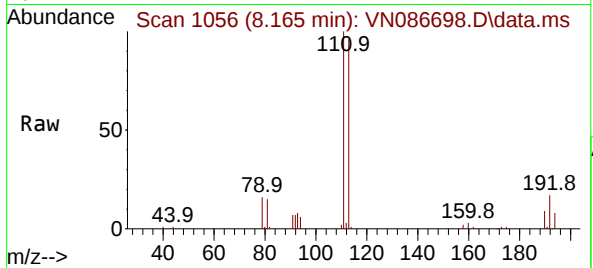
88 15.9 0.0 31.2





#35
Dibromofluoromethane
Concen: 51.165 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086698.D
Acq: 19 May 2025 18:41

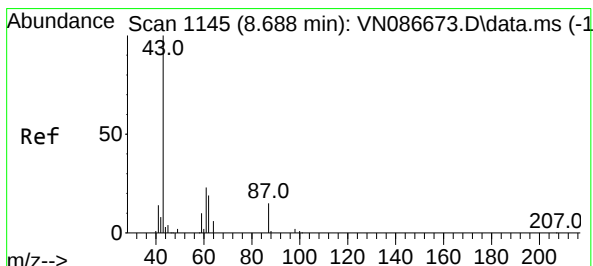
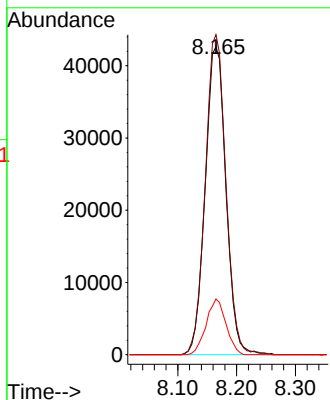
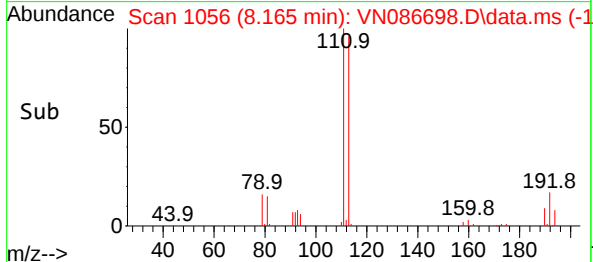
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#15



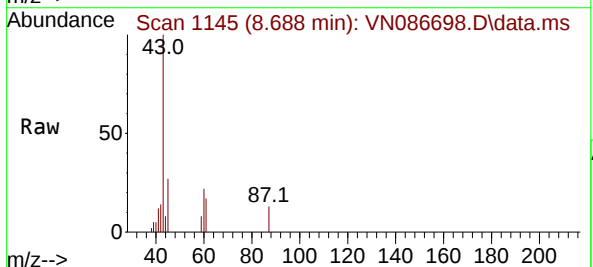
Tgt Ion: 113 Resp: 10441
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 17.3 13.8 20.8

Manual Integrations
APPROVED

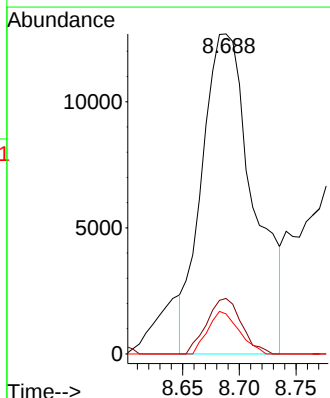
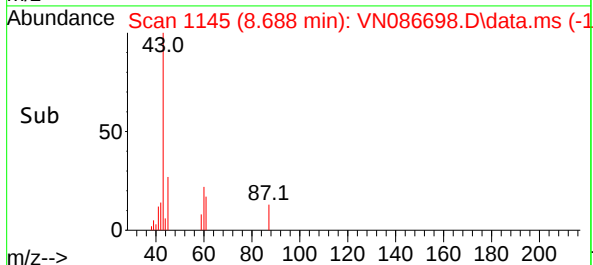
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

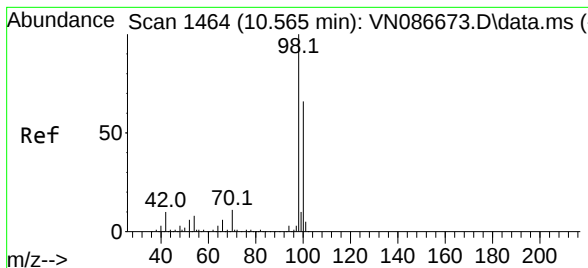


#43
Isopropyl Acetate
Concen: 6.599 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN086698.D
Acq: 19 May 2025 18:41



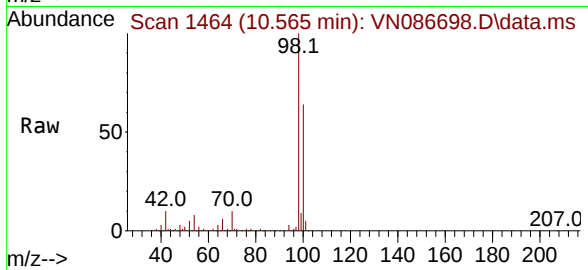
Tgt Ion: 43 Resp: 40228
Ion Ratio Lower Upper
43 100
61 11.7 21.4 32.2#
87 8.0 11.1 16.7#





#50
Toluene-d8
Concen: 52.572 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086698.D
Acq: 19 May 2025 18:41

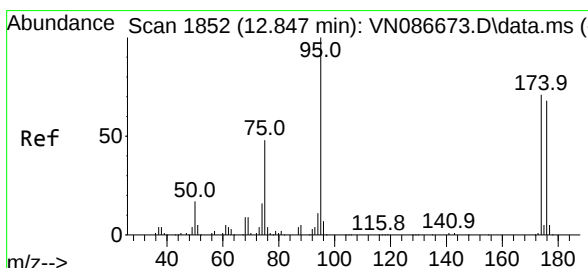
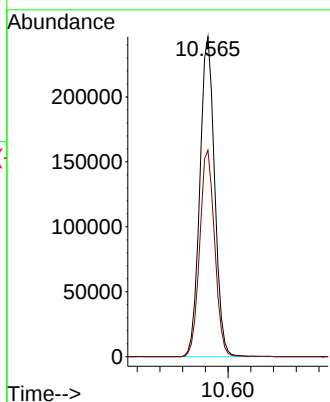
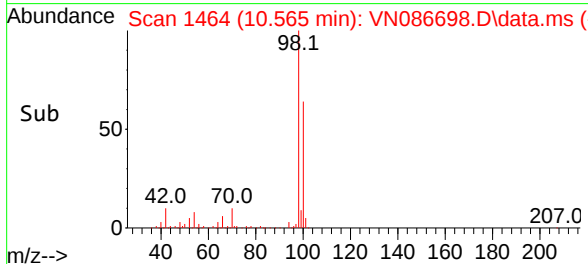
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#15



Tgt Ion: 98 Resp: 444598
Ion Ratio Lower Upper
98 100
100 65.2 52.9 79.3

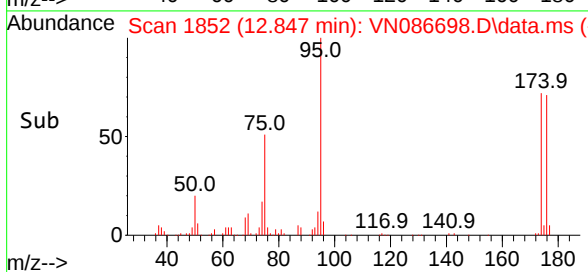
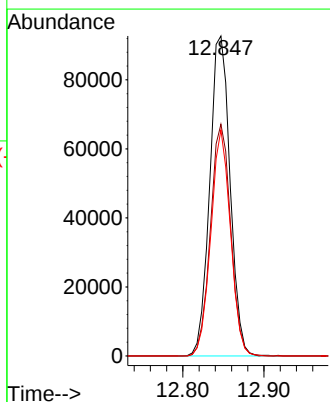
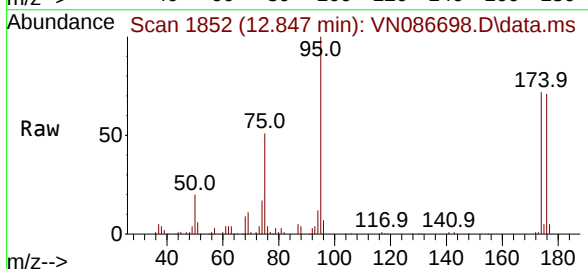
Manual Integrations
APPROVED

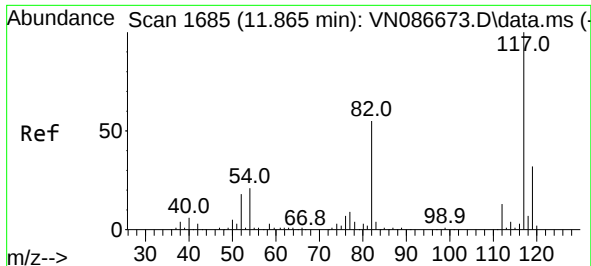
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#62
4-Bromofluorobenzene
Concen: 54.088 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086698.D
Acq: 19 May 2025 18:41

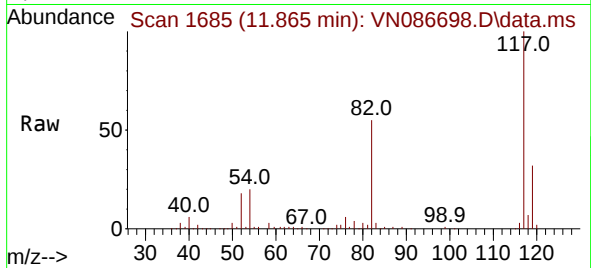
Tgt Ion: 95 Resp: 161512
Ion Ratio Lower Upper
95 100
174 72.1 0.0 145.4
176 68.0 0.0 137.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086698.D
Acq: 19 May 2025 18:41

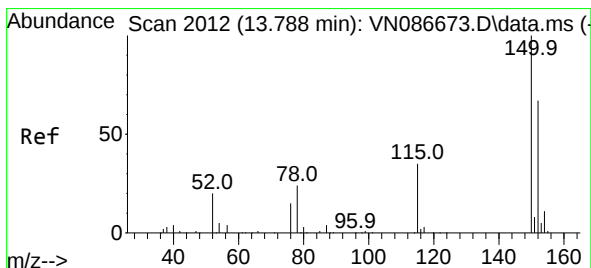
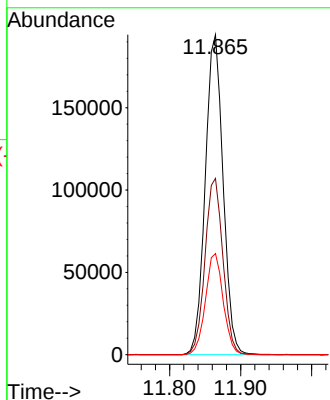
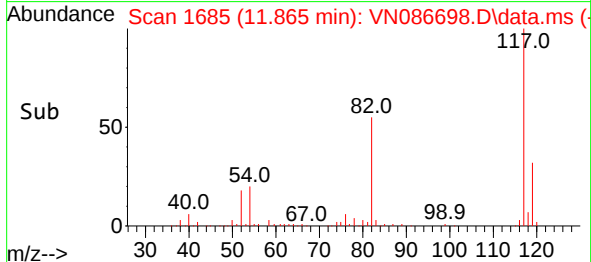
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#15



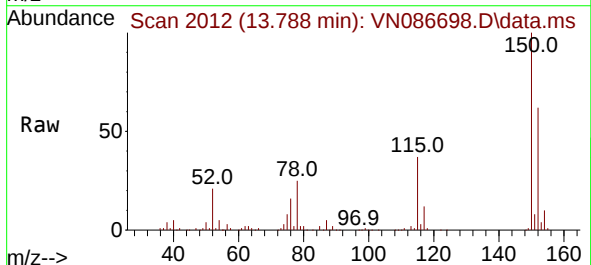
Tgt Ion:117 Resp: 339152
Ion Ratio Lower Upper
117 100
82 55.1 44.2 66.2
119 31.6 25.4 38.2

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: VN086698.D
Acq: 19 May 2025 18:41



Tgt Ion:152 Resp: 142316
Ion Ratio Lower Upper
152 100
115 61.0 30.0 90.1
150 160.4 0.0 347.8

