

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051925\
 Data File : VN086694.D
 Acq On : 19 May 2025 17:04
 Operator : JC\MD
 Sample : PB168034ZHE#11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB168034ZHE#11

Manual Integrations
 APPROVED

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

Quant Time: May 20 03:21:43 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	8.218	168	179703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	352794	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	345743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	146818	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	126604	50.985	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.960%			
35) Dibromofluoromethane	8.165	113	105543	50.234	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.460%			
50) Toluene-d8	10.565	98	455844	52.355	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.700%			
62) 4-Bromofluorobenzene	12.847	95	164985	53.665	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.340%			
Target Compounds						
16) Acetone	4.424	43	25791	27.766	ug/l #	88
18) Methyl Acetate	5.036	43	4305	1.656	ug/l #	76
20) Methylene Chloride	5.265	84	3986	1.626	ug/l #	88
43) Isopropyl Acetate	8.688	43	37419m	5.962	ug/l	

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

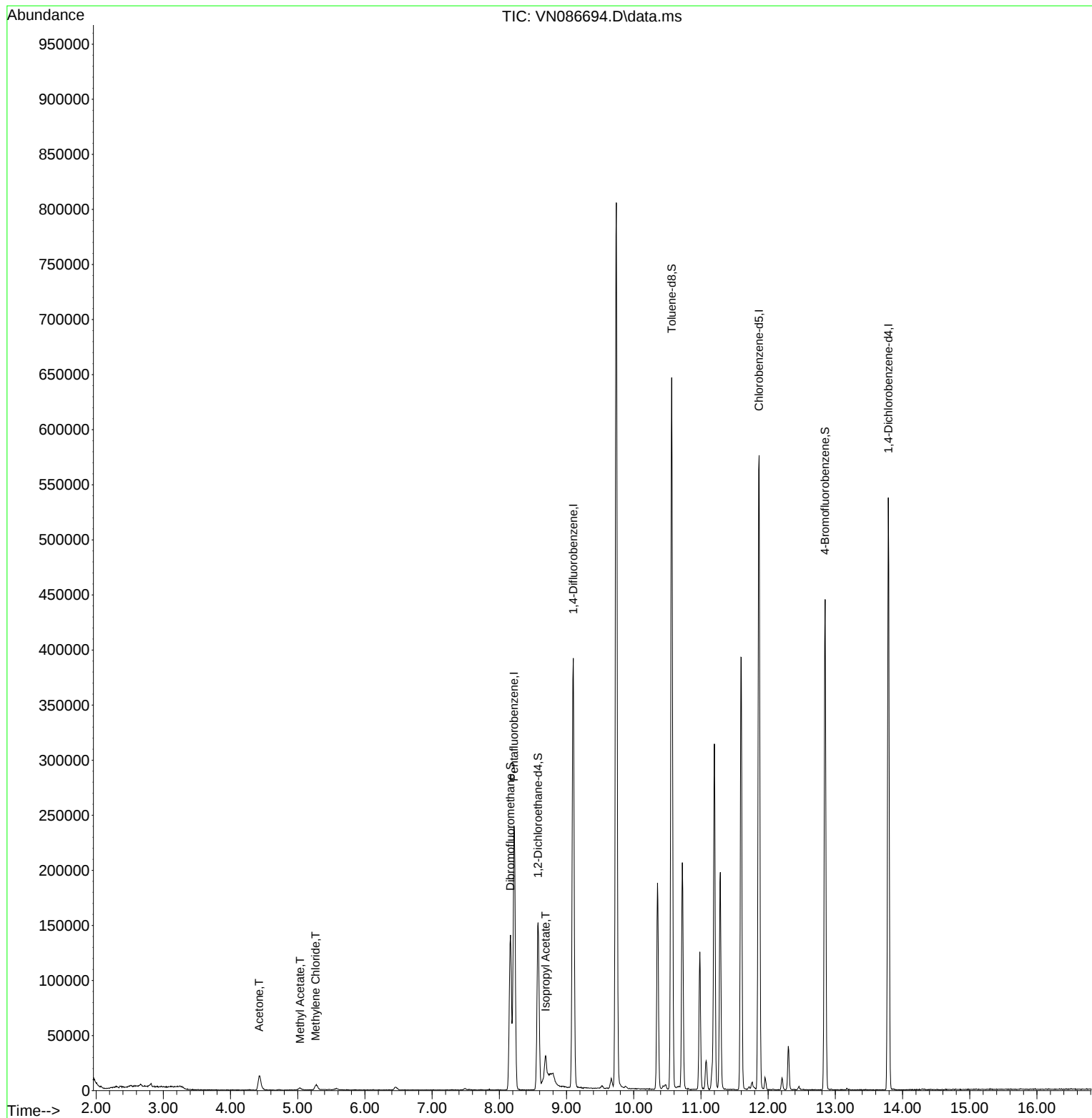
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051925\
Data File : VN086694.D
Acq On : 19 May 2025 17:04
Operator : JC\MD
Sample : PB168034ZHE#11
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

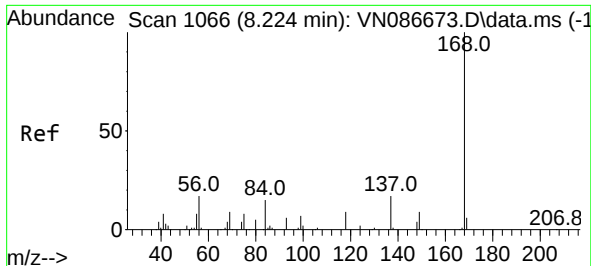
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#11

Manual Integrations
APPROVED

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

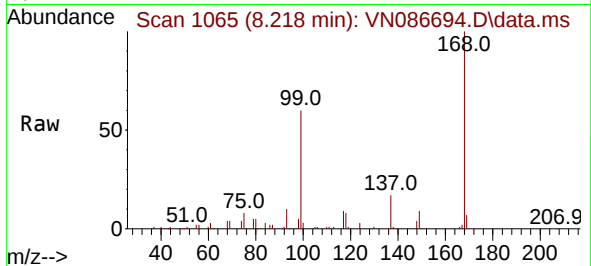
Quant Time: May 20 03:21:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260
QLast Update : Sat May 17 00:46:13 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN086694.D
Acq: 19 May 2025 17:04

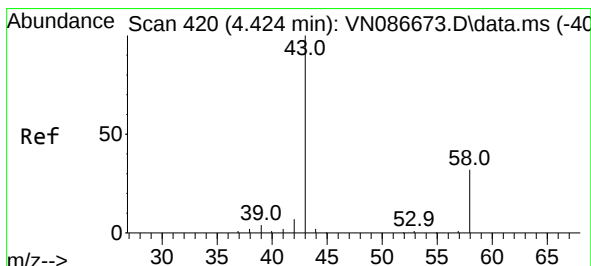
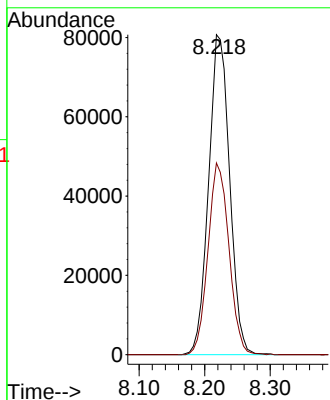
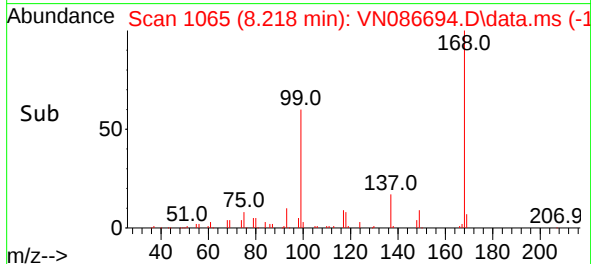
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#11



Tgt Ion:168 Resp: 17970
Ion Ratio Lower Upper
168 100
99 59.9 47.0 70.4

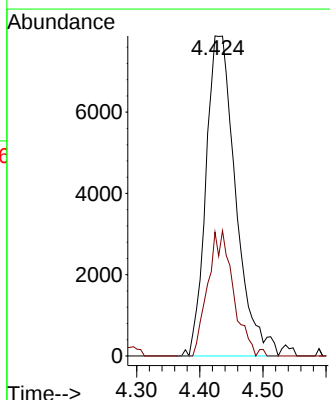
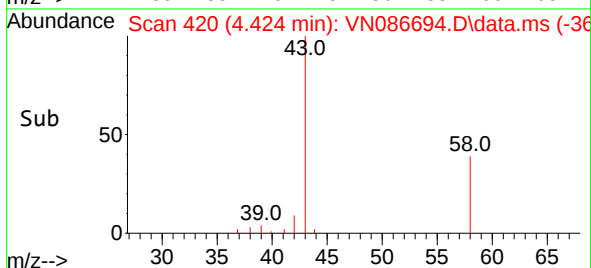
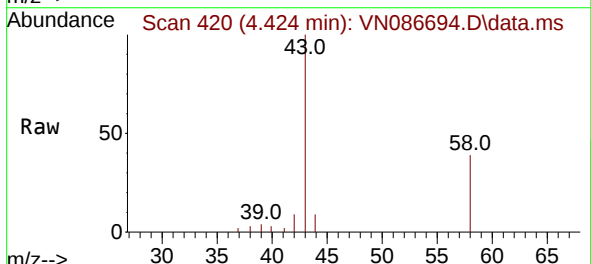
Manual Integrations
APPROVED

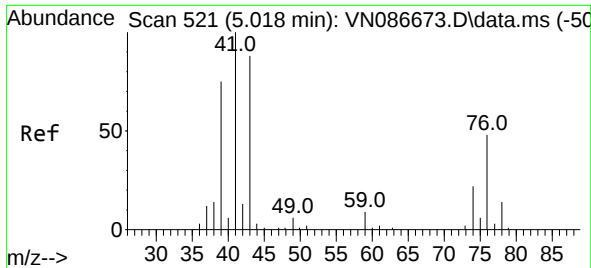
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#16
Acetone
Concen: 27.766 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN086694.D
Acq: 19 May 2025 17:04

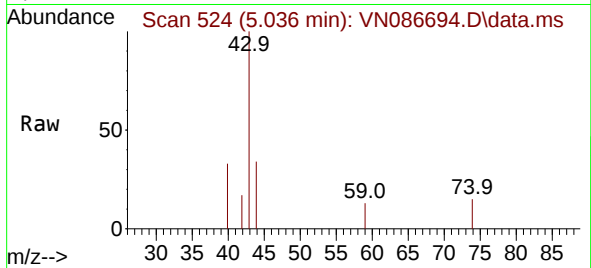
Tgt Ion: 43 Resp: 25791
Ion Ratio Lower Upper
43 100
58 38.7 25.8 38.6#





#18
Methyl Acetate
Concen: 1.656 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN086694.D
Acq: 19 May 2025 17:04

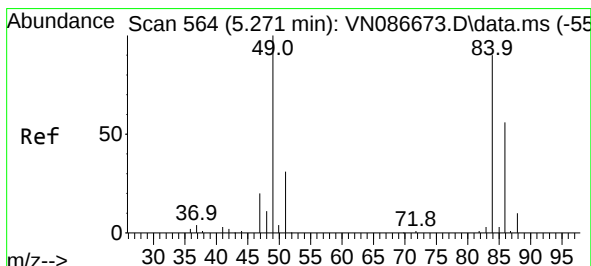
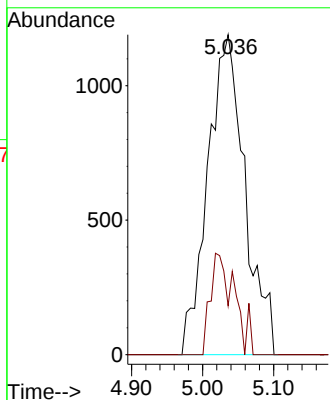
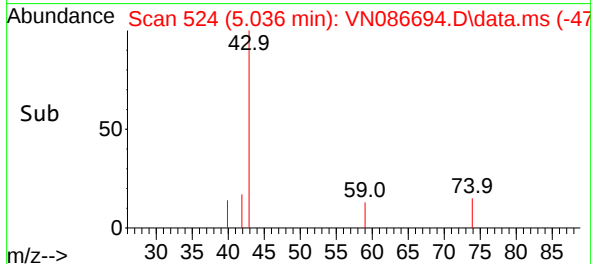
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#11



Tgt Ion: 43 Resp: 430
Ion Ratio Lower Upper
43 100
74 13.4 20.5 30.7

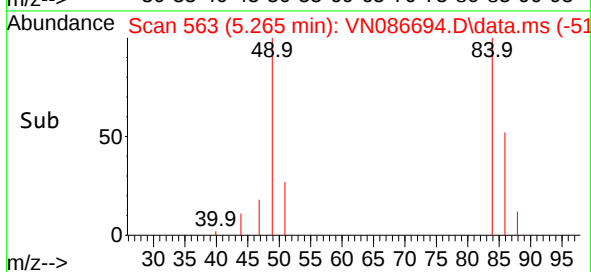
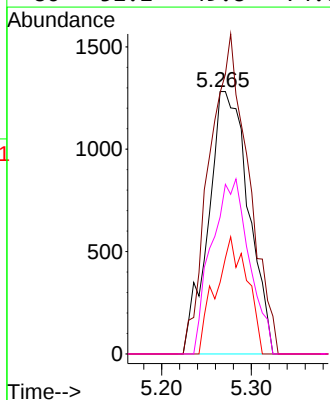
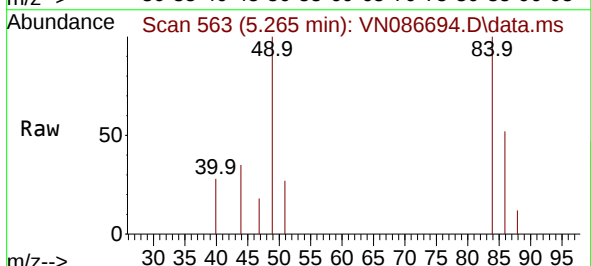
Manual Integrations
APPROVED

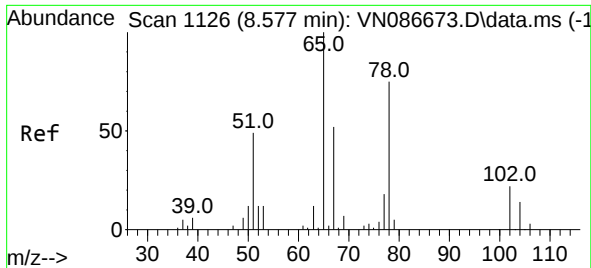
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#20
Methylene Chloride
Concen: 1.626 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN086694.D
Acq: 19 May 2025 17:04

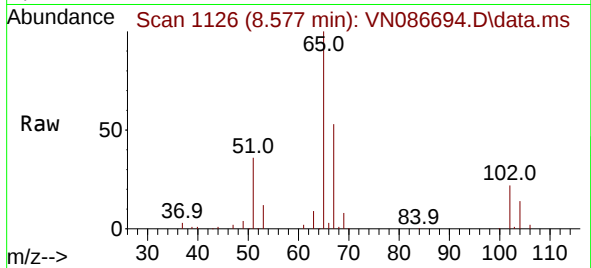
Tgt Ion: 84 Resp: 3986
Ion Ratio Lower Upper
84 100
49 99.6 88.8 133.2
51 27.3 27.8 41.6#
86 52.2 49.8 74.6





#33
1,2-Dichloroethane-d4
Concen: 50.985 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086694.D
Acq: 19 May 2025 17:04

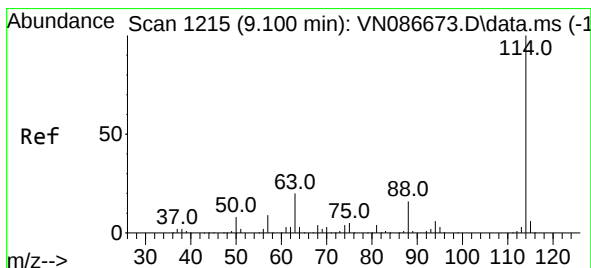
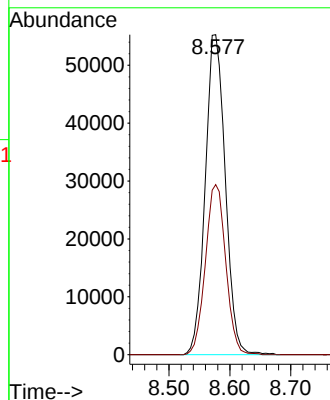
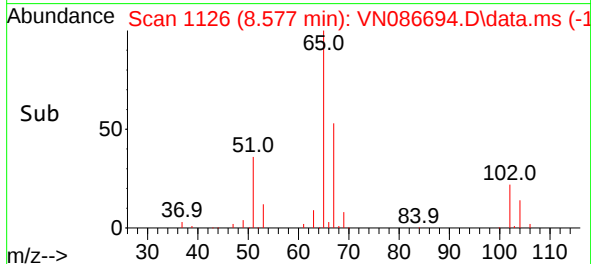
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#11



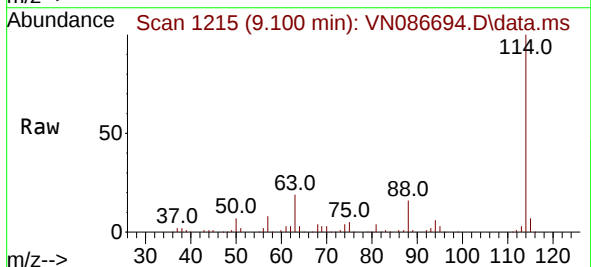
Tgt Ion: 65 Resp: 126604
Ion Ratio Lower Upper
65 100
67 53.8 0.0 106.4

Manual Integrations
APPROVED

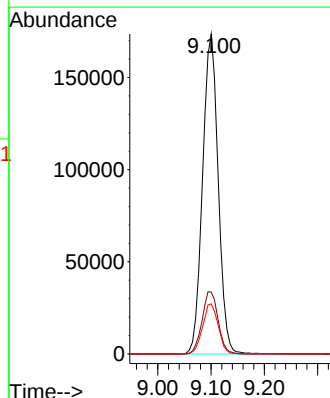
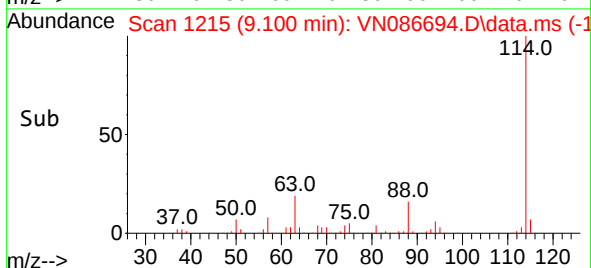
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

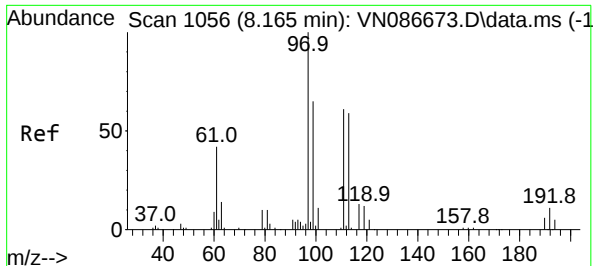


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN086694.D
Acq: 19 May 2025 17:04



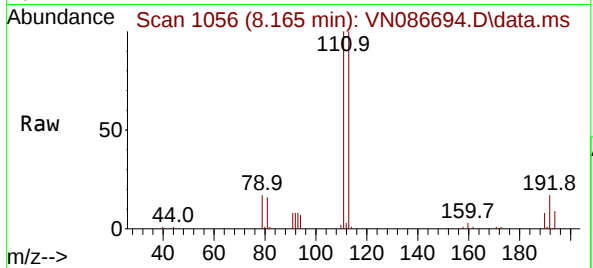
Tgt Ion:114 Resp: 352794
Ion Ratio Lower Upper
114 100
63 19.4 0.0 40.2
88 15.7 0.0 31.2





#35
Dibromofluoromethane
Concen: 50.234 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086694.D
Acq: 19 May 2025 17:04

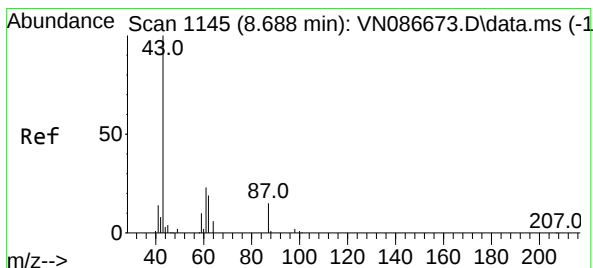
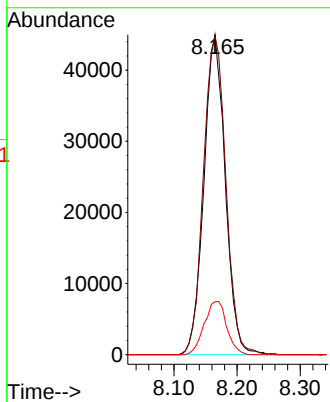
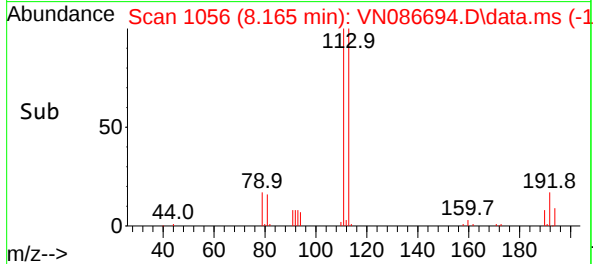
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#11



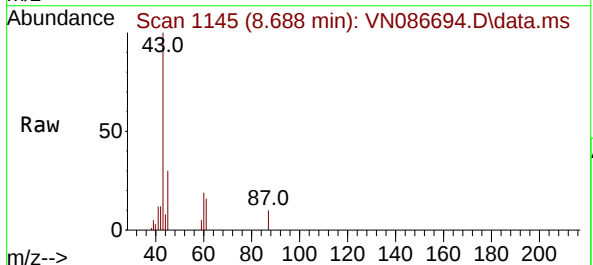
Tgt Ion: 113 Resp: 10554
Ion Ratio Lower Upper
113 100
111 104.9 82.2 123.2
192 17.5 13.8 20.8

Manual Integrations
APPROVED

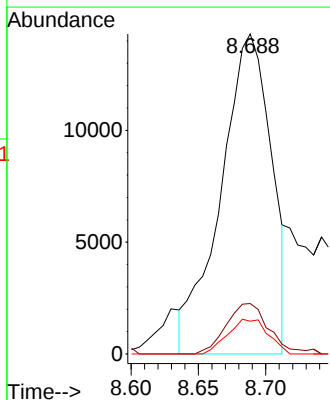
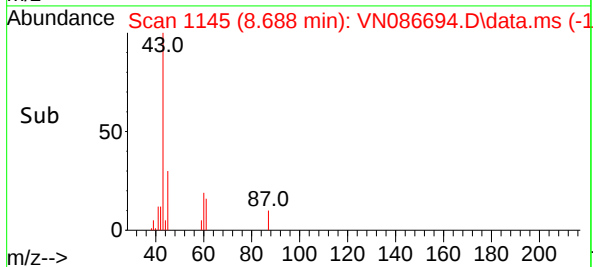
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

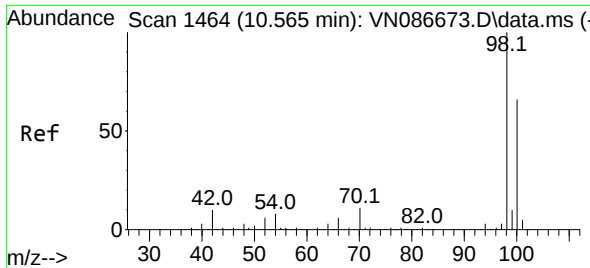


#43
Isopropyl Acetate
Concen: 5.962 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN086694.D
Acq: 19 May 2025 17:04



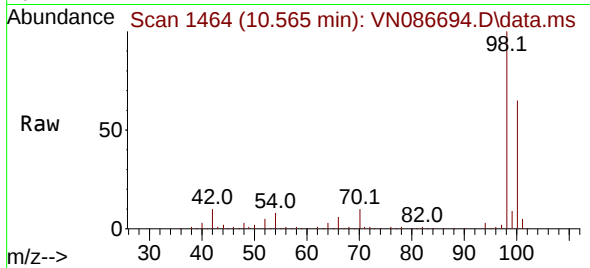
Tgt Ion: 43 Resp: 37419
Ion Ratio Lower Upper
43 100
61 13.4 21.4 32.2#
87 8.6 11.1 16.7#





#50
Toluene-d8
Concen: 52.355 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086694.D
Acq: 19 May 2025 17:04

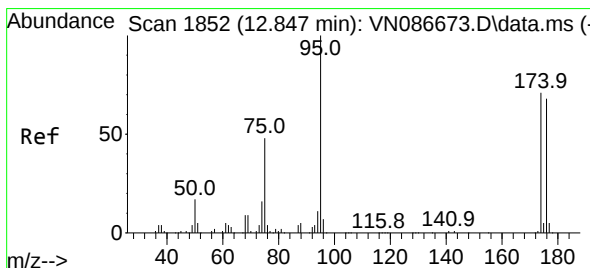
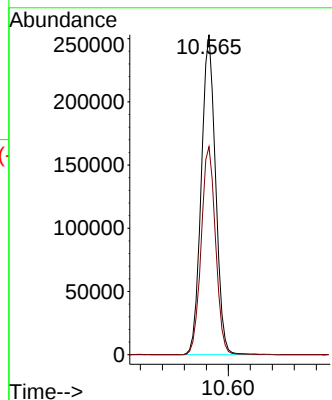
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#11



Tgt Ion: 98 Resp: 455844
Ion Ratio Lower Upper
98 100
100 65.5 52.9 79.3

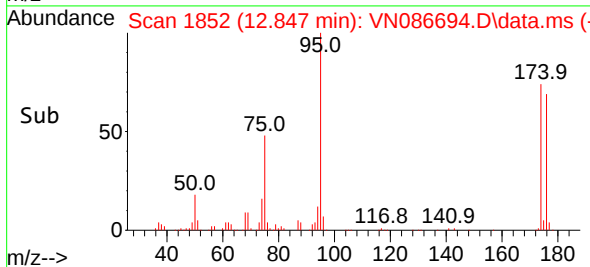
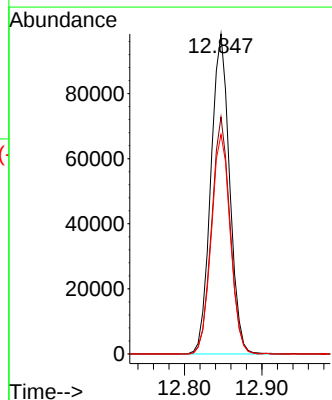
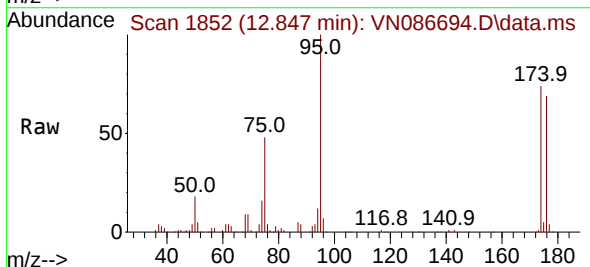
Manual Integrations
APPROVED

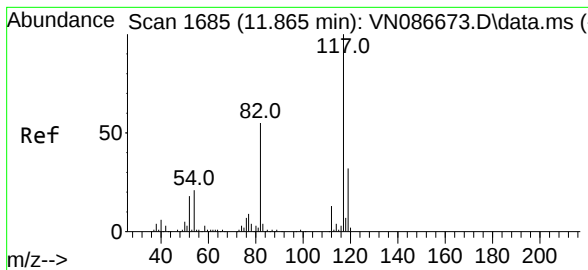
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#62
4-Bromofluorobenzene
Concen: 53.665 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086694.D
Acq: 19 May 2025 17:04

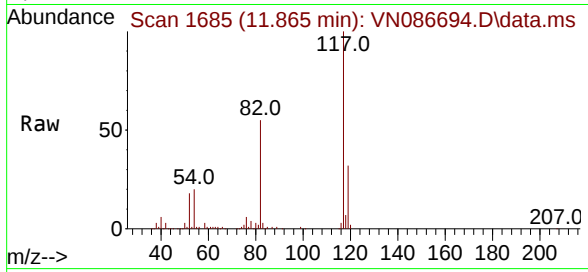
Tgt Ion: 95 Resp: 164985
Ion Ratio Lower Upper
95 100
174 72.7 0.0 145.4
176 69.3 0.0 137.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VN086694.D
Acq: 19 May 2025 17:04

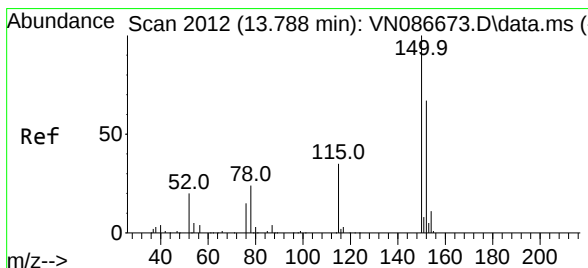
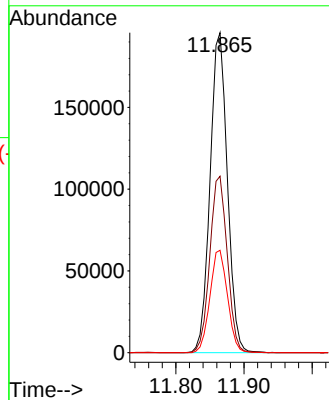
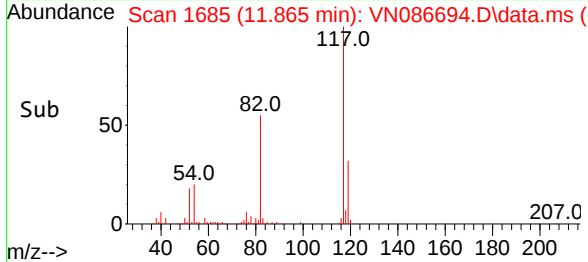
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#11



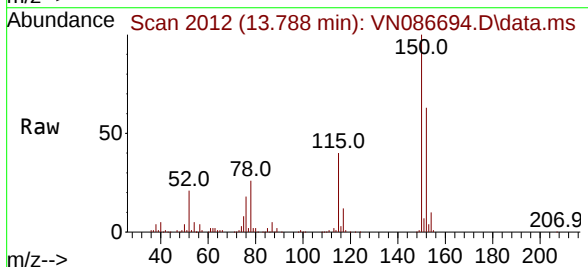
Tgt Ion:117 Resp: 34574
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 32.0 25.4 38.2

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: VN086694.D
Acq: 19 May 2025 17:04



Tgt Ion:152 Resp: 146818
Ion Ratio Lower Upper
152 100
115 61.2 30.0 90.1
150 157.7 0.0 347.8

