

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051325\
 Data File : VN086595.D
 Acq On : 13 May 2025 12:34
 Operator : JC\MD
 Sample : PB167932ZHE#14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167932ZHE#14

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/14/2025
 Supervised By : Mahesh Dadoda 05/14/2025

Quant Time: May 14 01:41:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	166138	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	311869	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	308066	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	126866	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	115212	47.823	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.640%		
35) Dibromofluoromethane	8.165	113	92502	63.908	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	127.820%#		
50) Toluene-d8	10.565	98	406466	52.544	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	105.080%		
62) 4-Bromofluorobenzene	12.847	95	144771	51.309	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	102.620%		
Target Compounds						
16) Acetone	4.430	43	23951	23.586	ug/l	98
18) Methyl Acetate	5.030	43	3550	1.228	ug/l #	74
20) Methylene Chloride	5.271	84	4348	1.952	ug/l #	94
43) Isopropyl Acetate	8.688	43	26336m	3.013	ug/l	

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

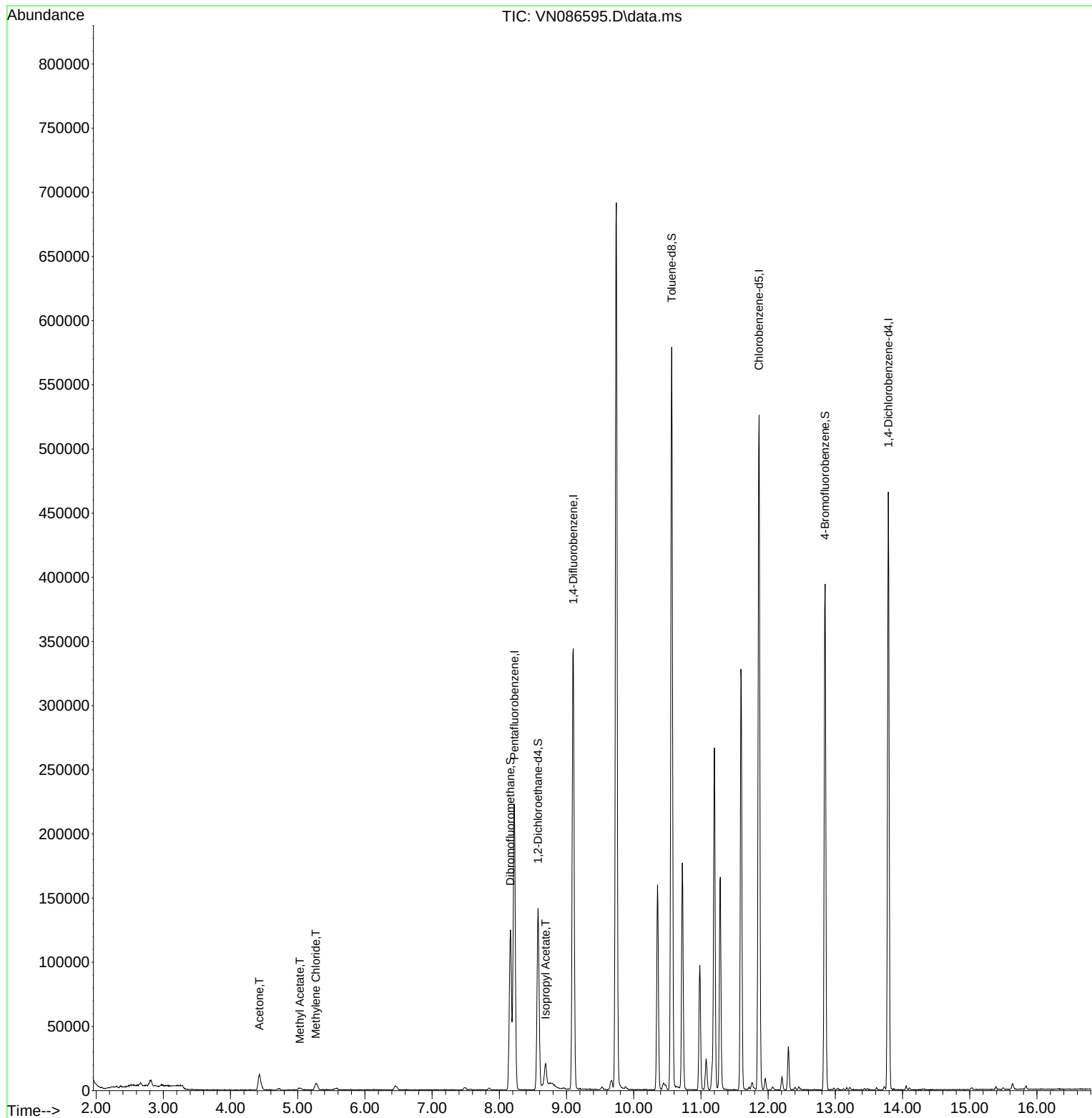
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051325\
Data File : VN086595.D
Acq On : 13 May 2025 12:34
Operator : JC\MD
Sample : PB167932ZHE#14
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

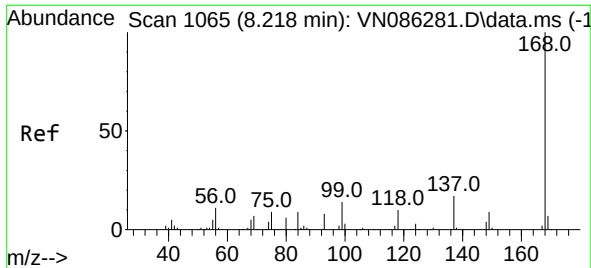
Instrument :
MSVOA_N
ClientSampleId :
PB167932ZHE#14

Manual Integrations
APPROVED

Reviewed By : John Carlone 05/14/2025
Supervised By : Mahesh Dadoda 05/14/2025

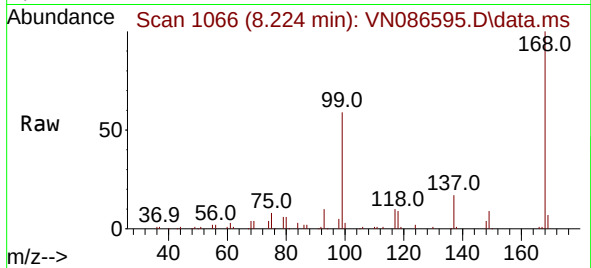
Quant Time: May 14 01:41:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086595.D
Acq: 13 May 2025 12:34

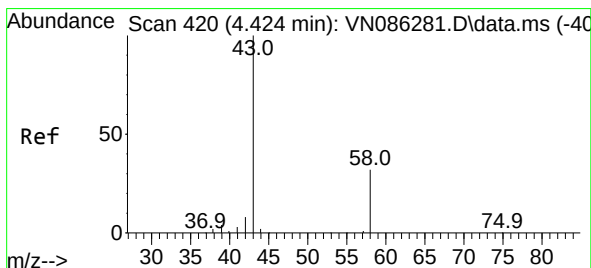
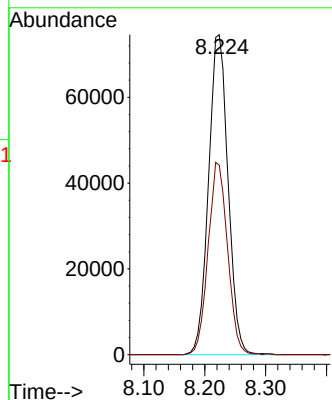
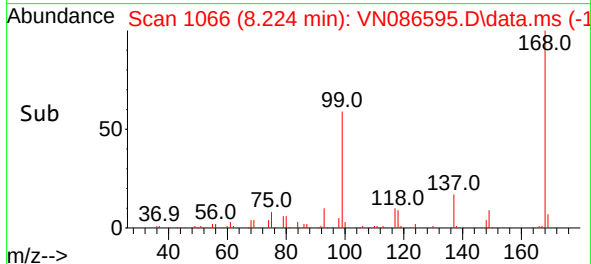
Instrument :
MSVOA_N
ClientSampleId :
PB167932ZHE#14



Tgt Ion:168 Resp: 166138
Ion Ratio Lower Upper
168 100
99 59.3 52.5 78.7

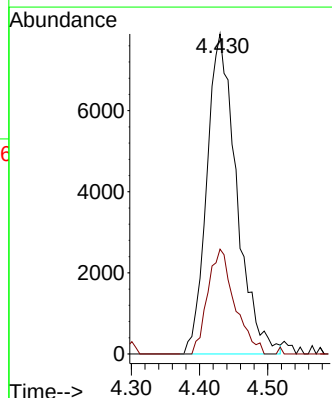
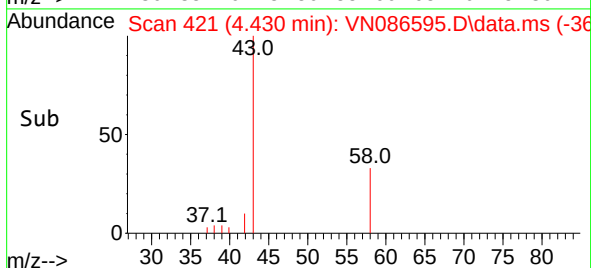
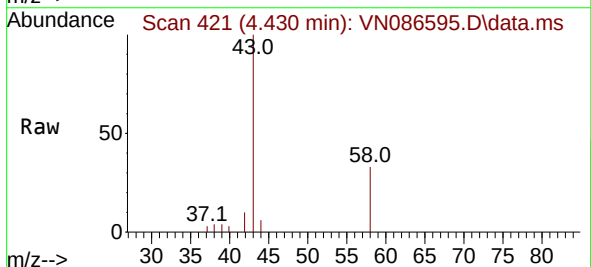
Manual Integrations
APPROVED

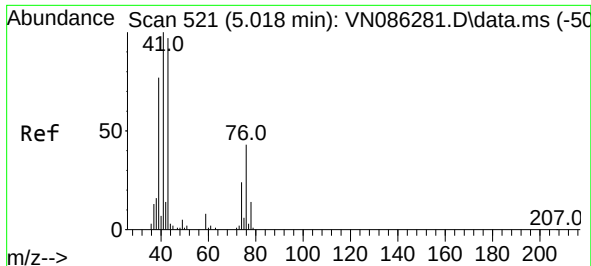
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#16
Acetone
Concen: 23.586 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086595.D
Acq: 13 May 2025 12:34

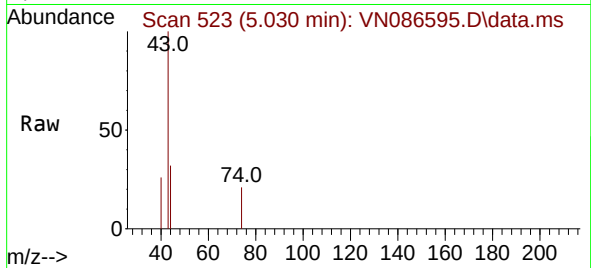
Tgt Ion: 43 Resp: 23951
Ion Ratio Lower Upper
43 100
58 32.8 25.3 37.9





#18
Methyl Acetate
Concen: 1.228 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN086595.D
Acq: 13 May 2025 12:34

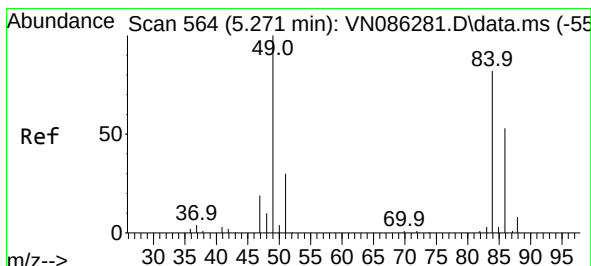
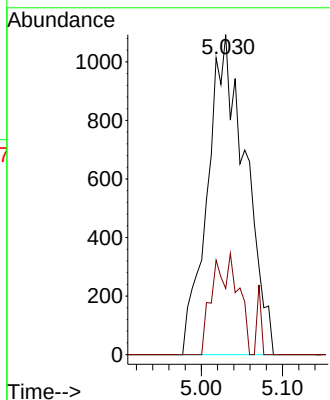
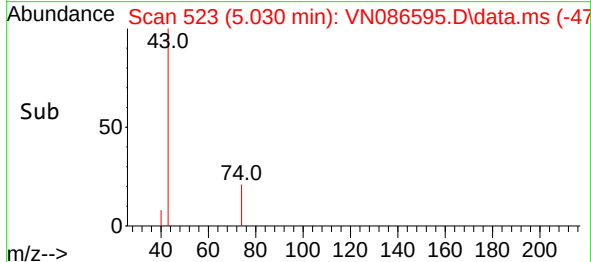
Instrument :
MSVOA_N
ClientSampleId :
PB167932ZHE#14



Tgt Ion: 43 Resp: 3550
Ion Ratio Lower Upper
43 100
74 11.6 19.8 29.6

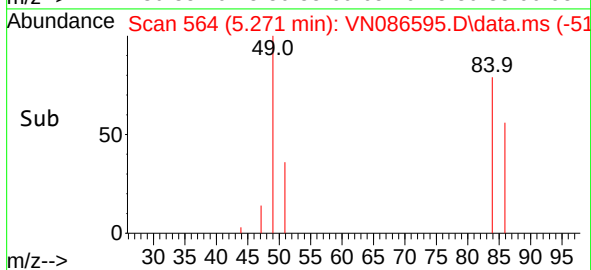
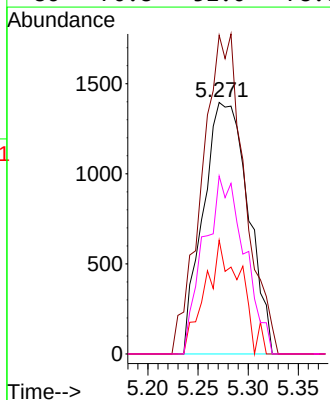
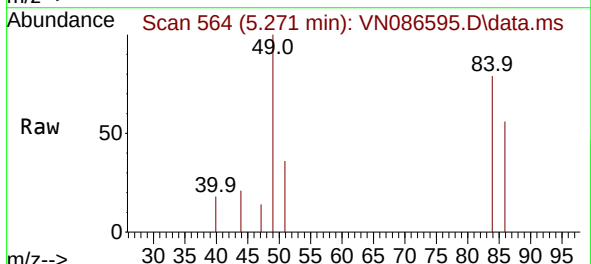
Manual Integrations
APPROVED

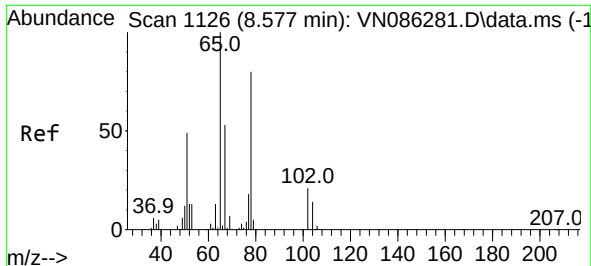
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#20
Methylene Chloride
Concen: 1.952 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN086595.D
Acq: 13 May 2025 12:34

Tgt Ion: 84 Resp: 4348
Ion Ratio Lower Upper
84 100
49 126.7 98.2 147.2
51 45.3 29.8 44.6#
86 70.8 52.0 78.0





#33

1,2-Dichloroethane-d4

Concen: 47.823 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086595.D

Acq: 13 May 2025 12:34

Instrument :

MSVOA_N

ClientSampleId :

PB167932ZHE#14

Tgt Ion: 65 Resp: 11521

Ion Ratio Lower Upper

65 100

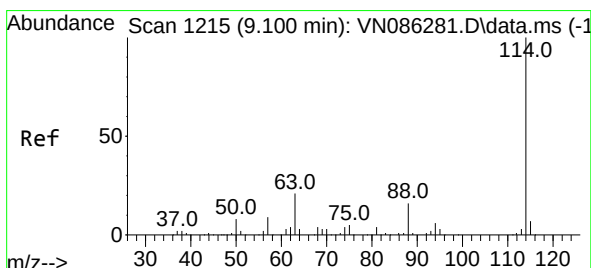
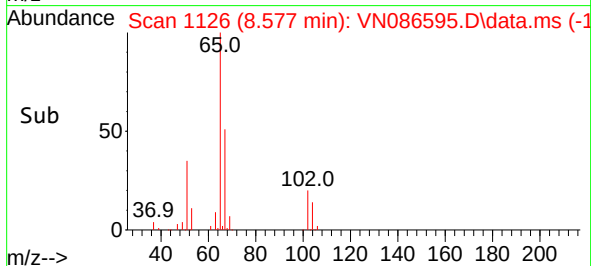
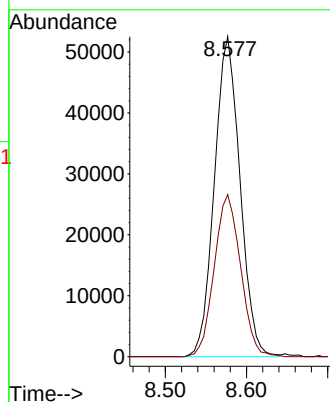
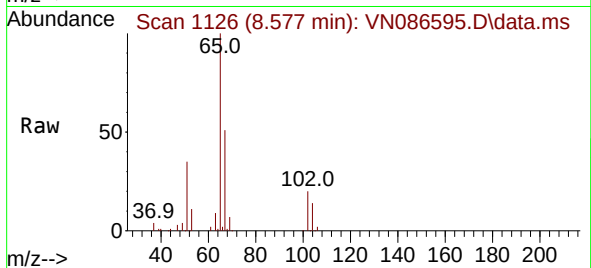
67 52.1 0.0 106.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2025

Supervised By :Mahesh Dadoda 05/14/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN086595.D

Acq: 13 May 2025 12:34

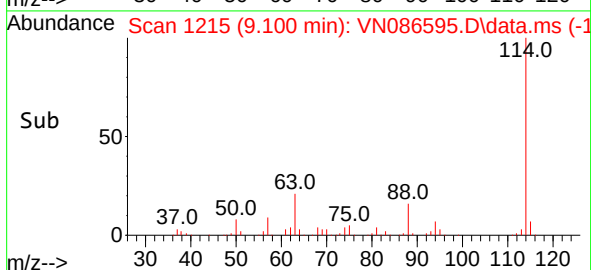
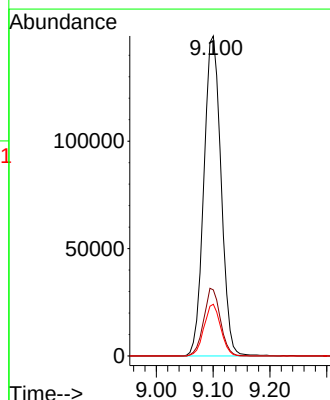
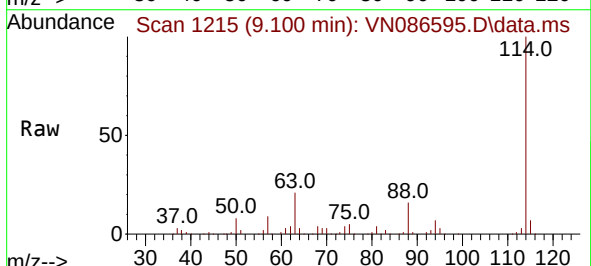
Tgt Ion:114 Resp: 311869

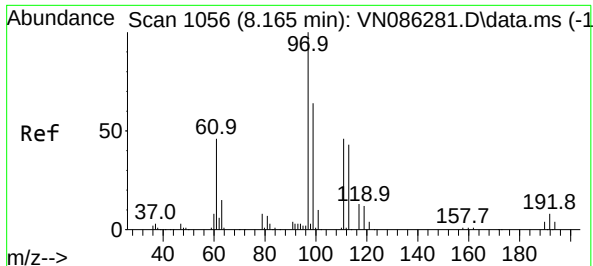
Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.6

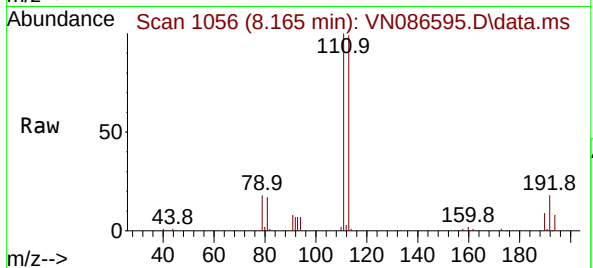
88 16.2 0.0 31.8





#35
Dibromofluoromethane
Concen: 63.908 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086595.D
Acq: 13 May 2025 12:34

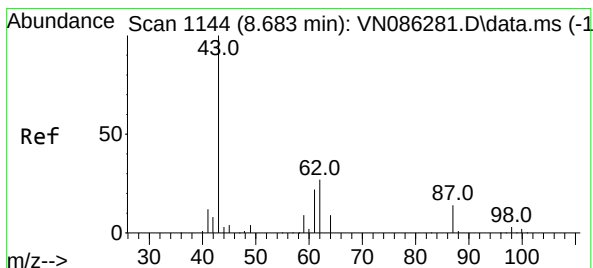
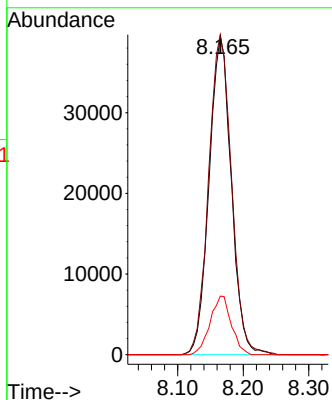
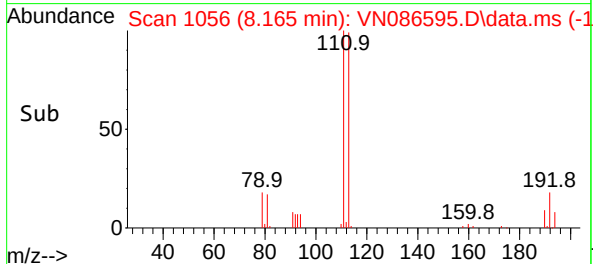
Instrument :
MSVOA_N
ClientSampleId :
PB167932ZHE#14



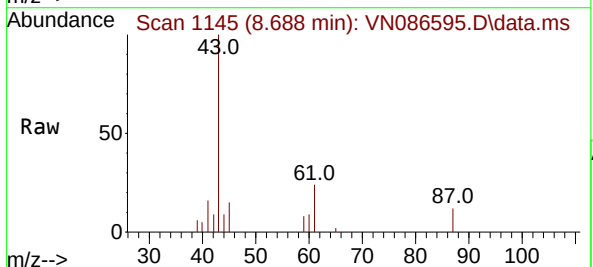
Tgt Ion: 113 Resp: 9250
Ion Ratio Lower Upper
113 100
111 103.6 83.4 125.0
192 17.6 13.7 20.5

Manual Integrations
APPROVED

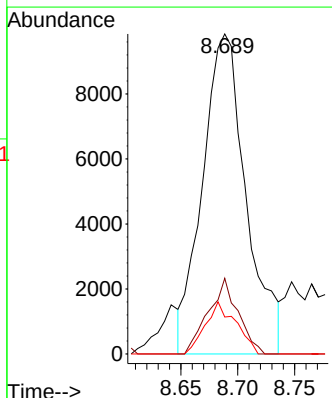
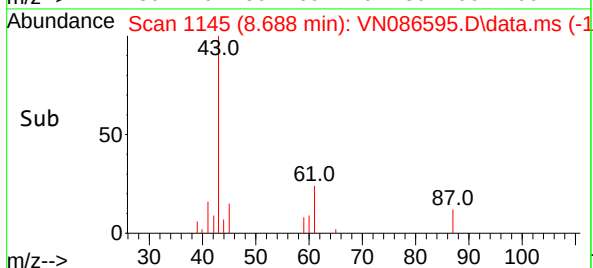
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

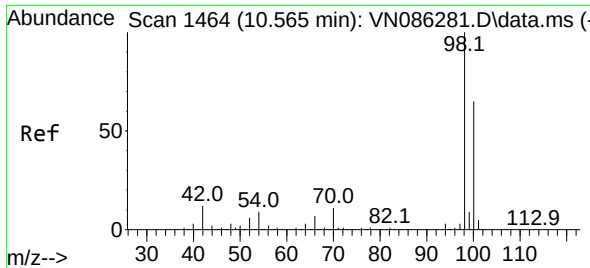


#43
Isopropyl Acetate
Concen: 3.013 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN086595.D
Acq: 13 May 2025 12:34



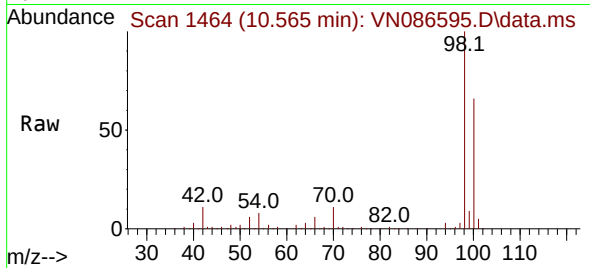
Tgt Ion: 43 Resp: 26336
Ion Ratio Lower Upper
43 100
61 16.1 20.5 30.7#
87 11.4 10.5 15.7





#50
Toluene-d8
Concen: 52.544 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086595.D
Acq: 13 May 2025 12:34

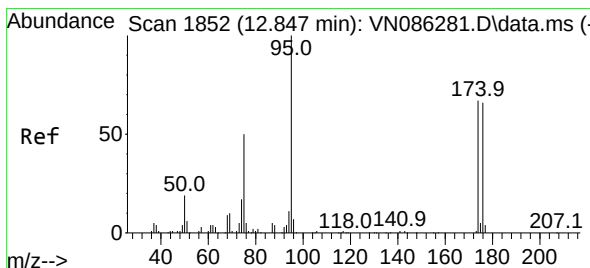
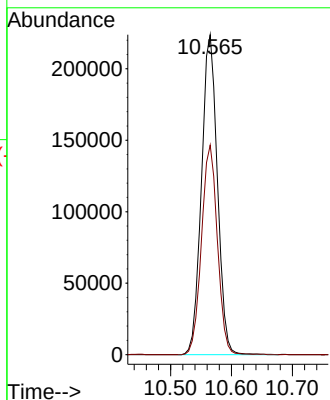
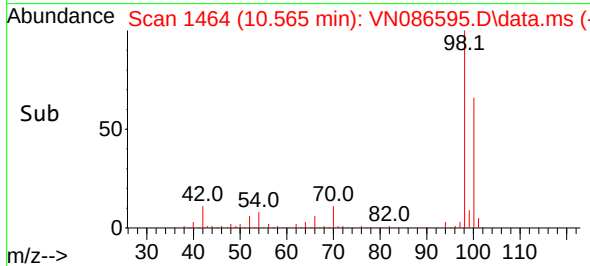
Instrument :
MSVOA_N
ClientSampleId :
PB167932ZHE#14



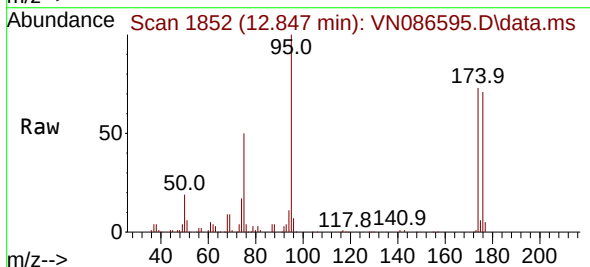
Tgt Ion: 98 Resp: 406460
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7

Manual Integrations
APPROVED

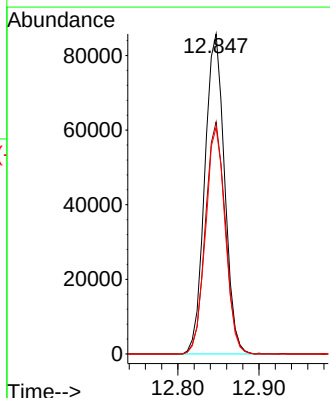
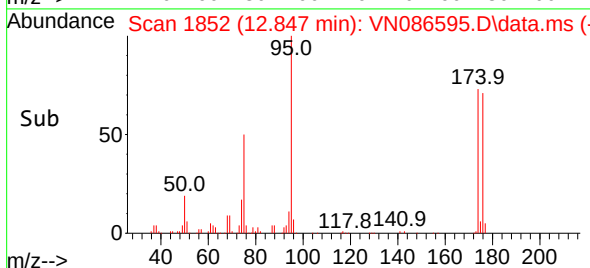
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

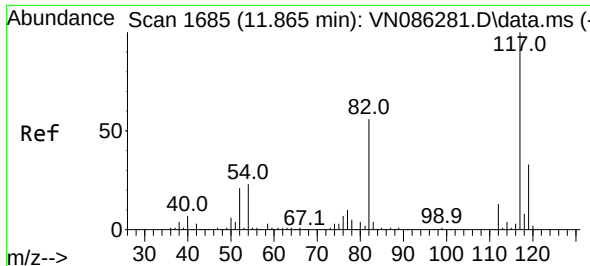


#62
4-Bromofluorobenzene
Concen: 51.309 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086595.D
Acq: 13 May 2025 12:34



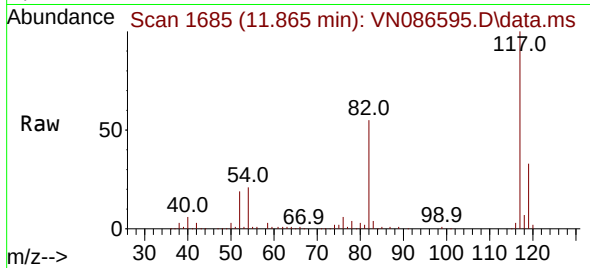
Tgt Ion: 95 Resp: 144771
Ion Ratio Lower Upper
95 100
174 73.1 0.0 133.4
176 70.5 0.0 129.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086595.D
Acq: 13 May 2025 12:34

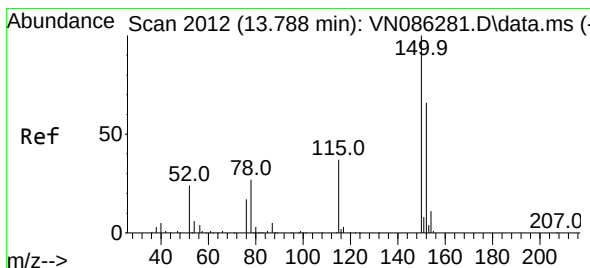
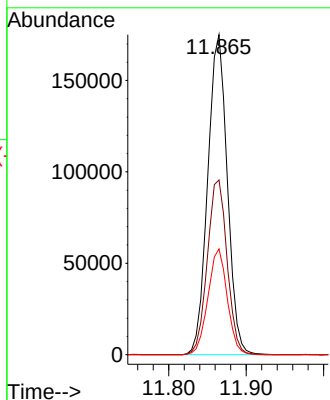
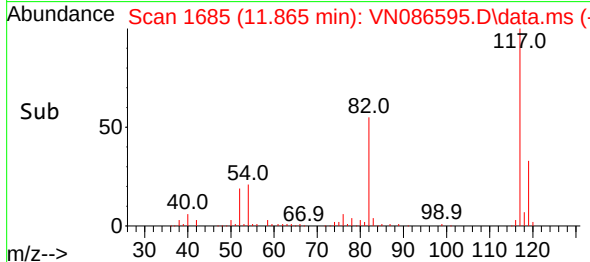
Instrument :
MSVOA_N
ClientSampleId :
PB167932ZHE#14



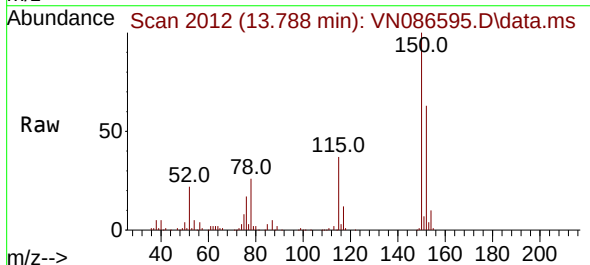
Tgt Ion:117 Resp: 308060
Ion Ratio Lower Upper
117 100
82 54.6 44.7 67.1
119 33.1 26.4 39.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086595.D
Acq: 13 May 2025 12:34



Tgt Ion:152 Resp: 126866
Ion Ratio Lower Upper
152 100
115 59.7 31.9 95.9
150 157.5 0.0 352.0

