

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051325\
 Data File : VN086612.D
 Acq On : 13 May 2025 19:26
 Operator : JC\MD
 Sample : PB167964ZHE#10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167964ZHE#10

Manual Integrations
 APPROVED

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

Quant Time: May 14 01:50:23 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	161106	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	310800	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	300632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	116312	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	117648	50.359	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 100.720%		
35) Dibromofluoromethane	8.165	113	93509	64.826	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 129.660%#		
50) Toluene-d8	10.565	98	407200	52.820	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 105.640%		
62) 4-Bromofluorobenzene	12.847	95	134942	47.990	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 95.980%		
Target Compounds						Qvalue
16) Acetone	4.430	43	26415	27.627	ug/l	100
18) Methyl Acetate	5.036	43	3726	1.329	ug/l #	80
20) Methylene Chloride	5.283	84	4086	1.892	ug/l	89
43) Isopropyl Acetate	8.688	43	37362m	5.090	ug/l	

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

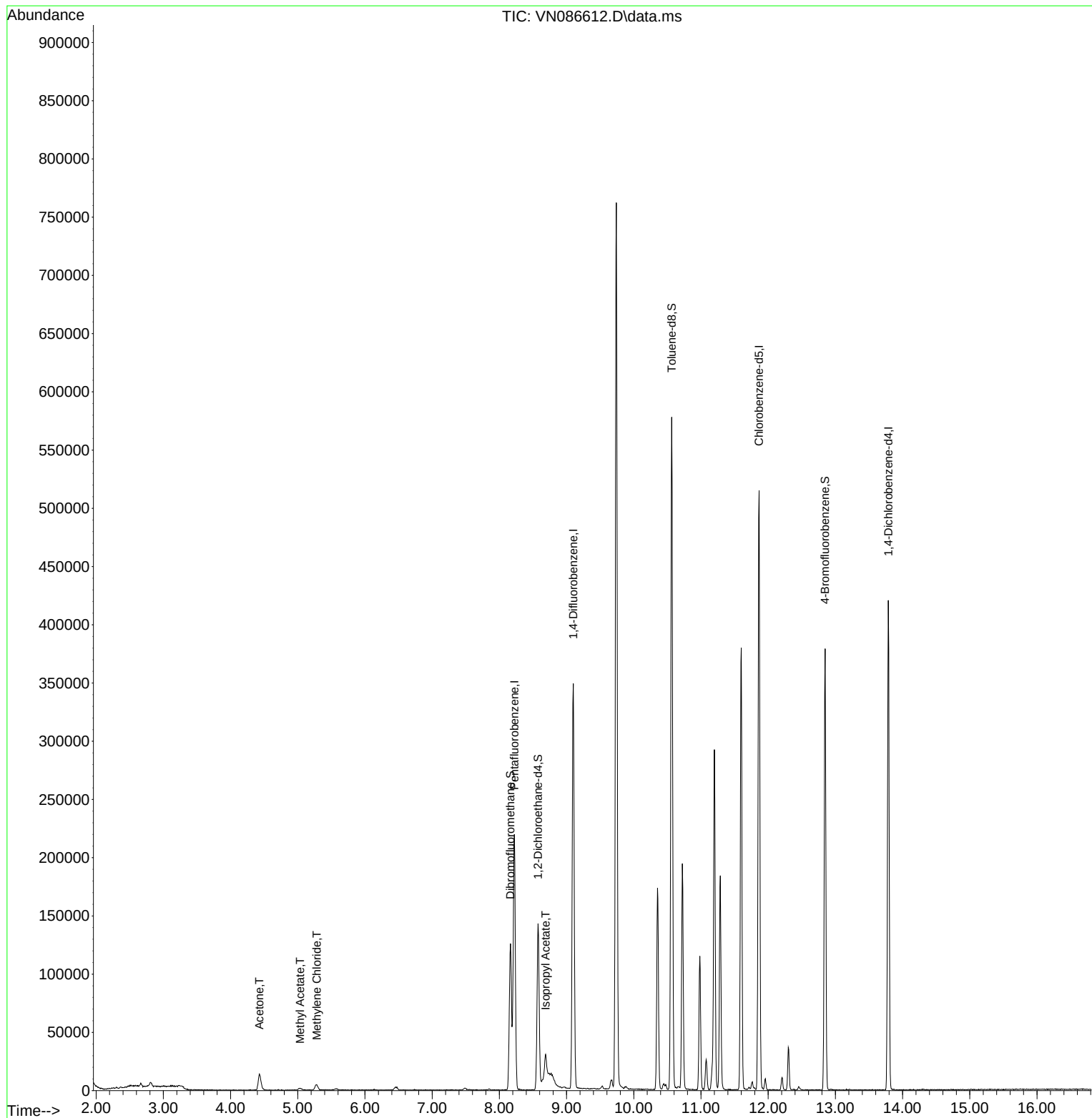
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051325\
Data File : VN086612.D
Acq On : 13 May 2025 19:26
Operator : JC\MD
Sample : PB167964ZHE#10
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

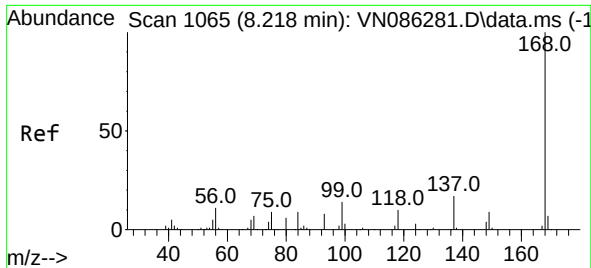
Instrument :
MSVOA_N
ClientSampleId :
PB167964ZHE#10

Manual Integrations
APPROVED

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

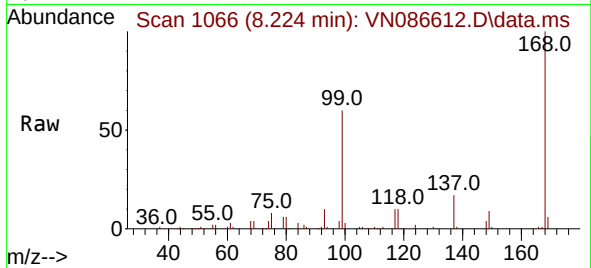
Quant Time: May 14 01:50:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086612.D
Acq: 13 May 2025 19:26

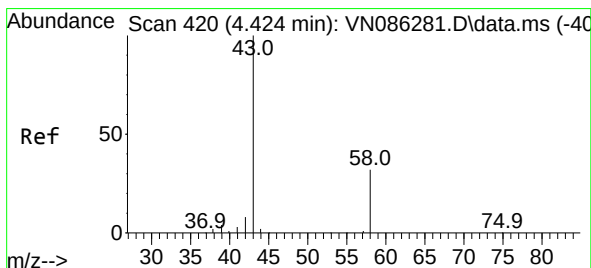
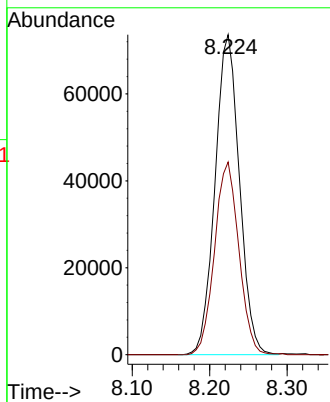
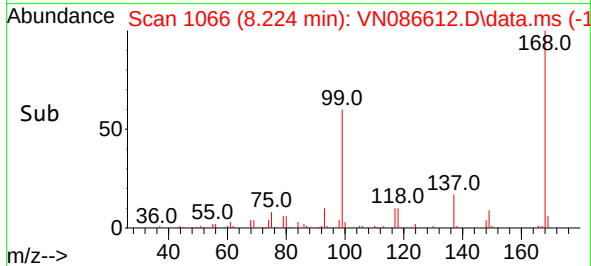
Instrument :
MSVOA_N
ClientSampleId :
PB167964ZHE#10



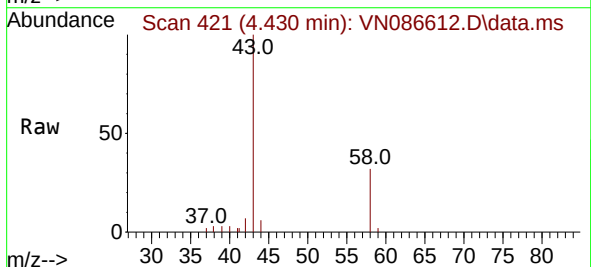
Tgt Ion:168 Resp: 161100
Ion Ratio Lower Upper
168 100
99 60.2 52.5 78.7

Manual Integrations
APPROVED

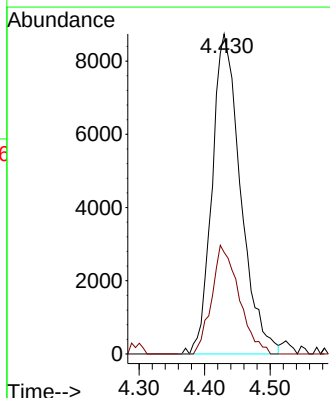
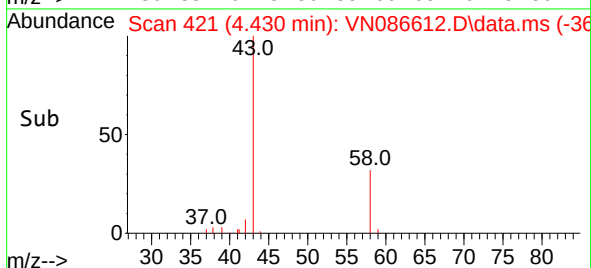
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

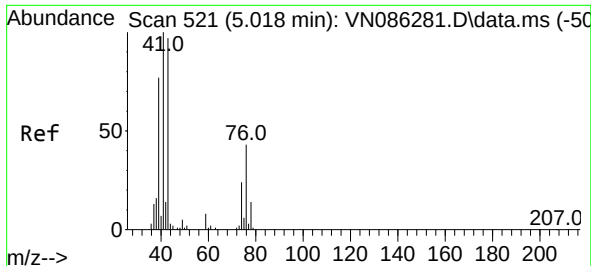


#16
Acetone
Concen: 27.627 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086612.D
Acq: 13 May 2025 19:26



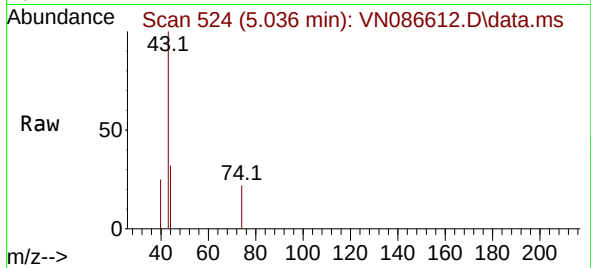
Tgt Ion: 43 Resp: 26415
Ion Ratio Lower Upper
43 100
58 31.7 25.3 37.9





#18
Methyl Acetate
Concen: 1.329 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN086612.D
Acq: 13 May 2025 19:26

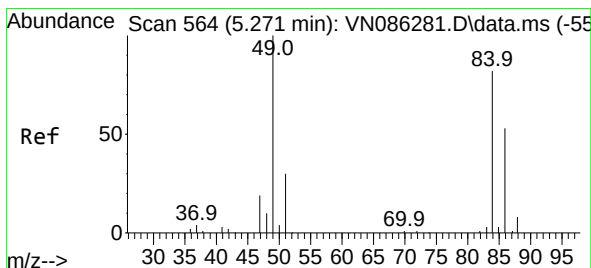
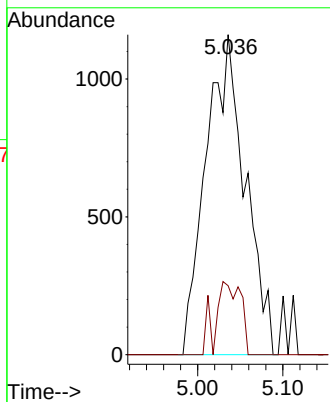
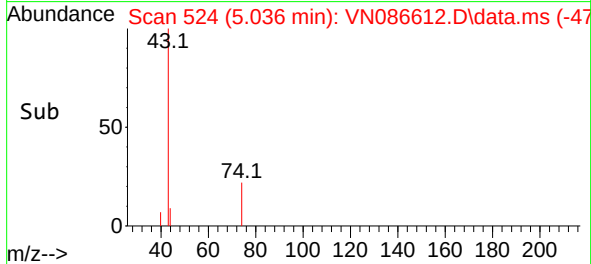
Instrument :
MSVOA_N
ClientSampleId :
PB167964ZHE#10



Tgt Ion: 43 Resp: 3720
Ion Ratio Lower Upper
43 100
74 14.7 19.8 29.6

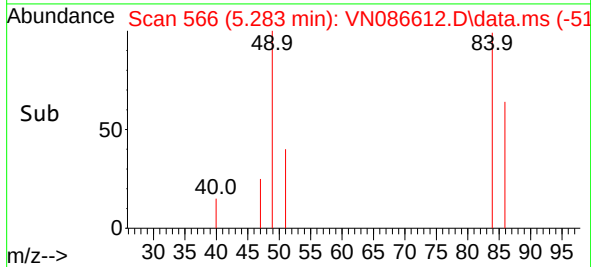
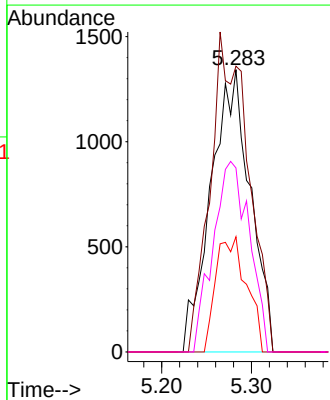
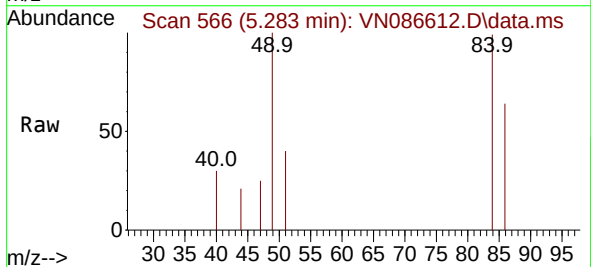
Manual Integrations
APPROVED

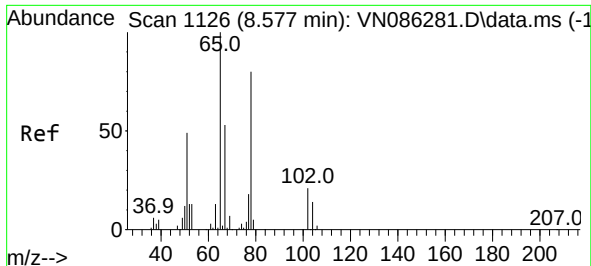
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#20
Methylene Chloride
Concen: 1.892 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN086612.D
Acq: 13 May 2025 19:26

Tgt Ion: 84 Resp: 4086
Ion Ratio Lower Upper
84 100
49 101.2 98.2 147.2
51 40.8 29.8 44.6
86 65.2 52.0 78.0





#33

1,2-Dichloroethane-d4

Concen: 50.359 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086612.D

Acq: 13 May 2025 19:26

Instrument :

MSVOA_N

ClientSampleId :

PB167964ZHE#10

Tgt Ion: 65 Resp: 117648

Ion Ratio Lower Upper

65 100

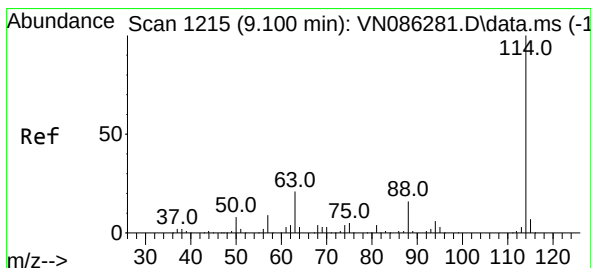
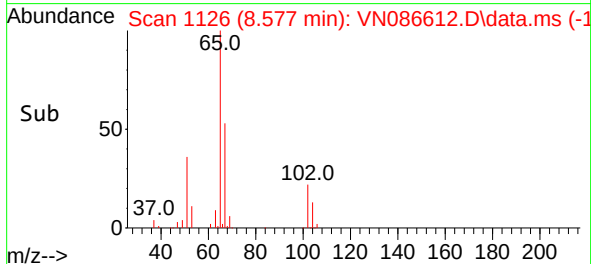
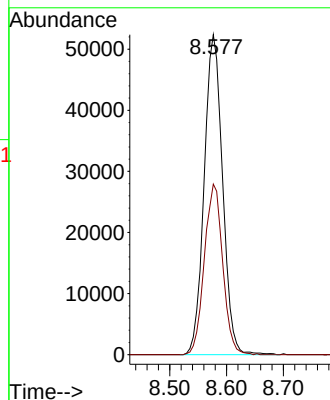
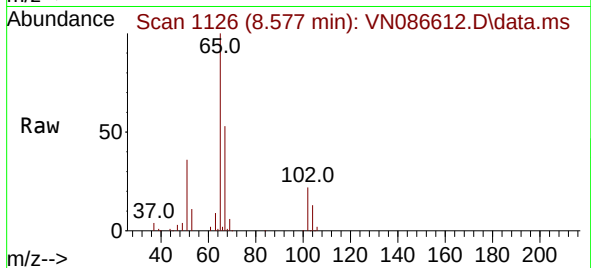
67 53.2 0.0 106.0

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: VN086612.D

Acq: 13 May 2025 19:26

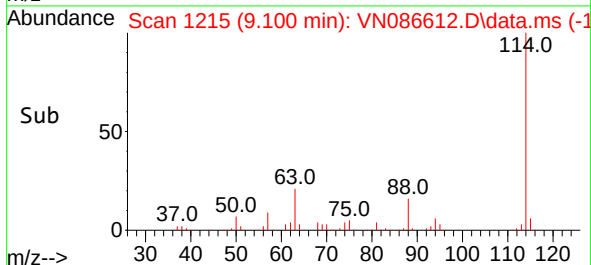
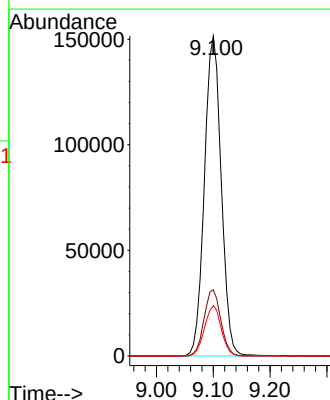
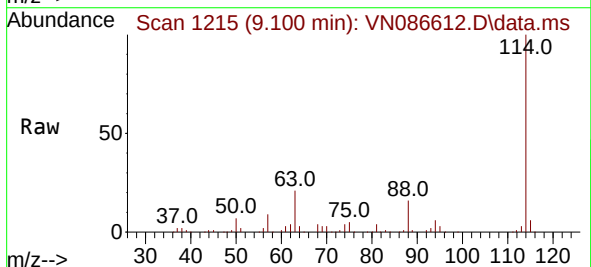
Tgt Ion:114 Resp: 310800

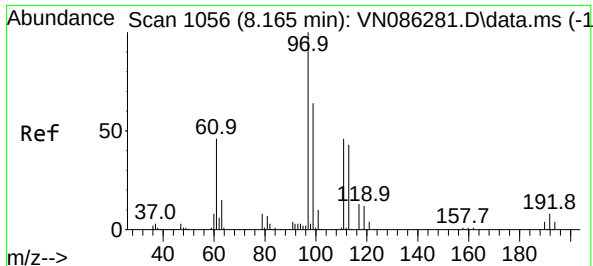
Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.6

88 15.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 64.826 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086612.D

Acq: 13 May 2025 19:26

Instrument :

MSVOA_N

ClientSampleId :

PB167964ZHE#10

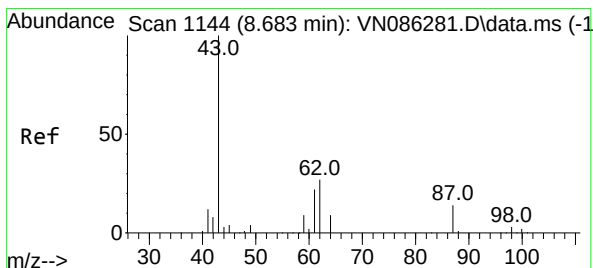
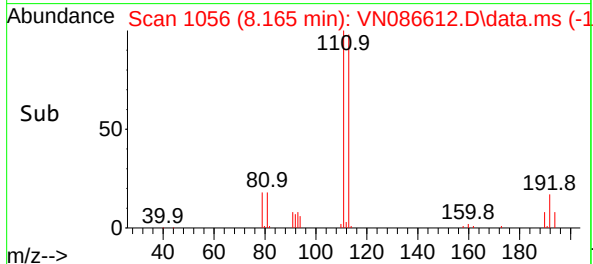
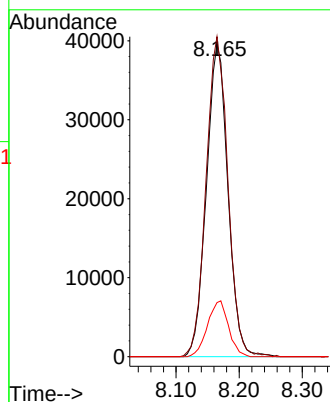
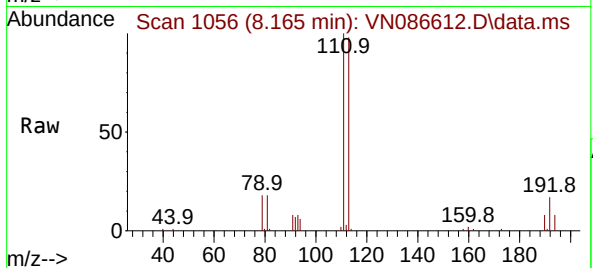
Tgt Ion:	113	Resp:	93509
Ion Ratio	Lower	Upper	
113	100		
111	103.8	83.4	125.0
192	17.4	13.7	20.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2025

Supervised By :Mahesh Dadoda 05/14/2025



#43

Isopropyl Acetate

Concen: 5.090 ug/l m

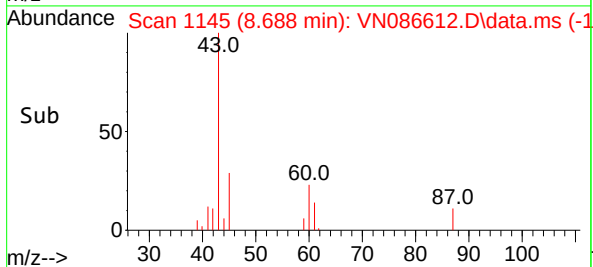
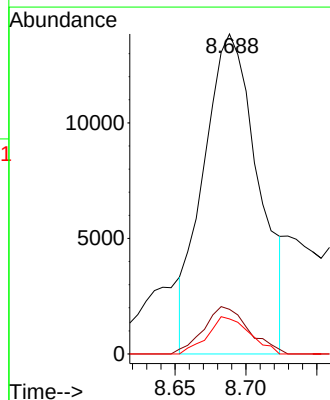
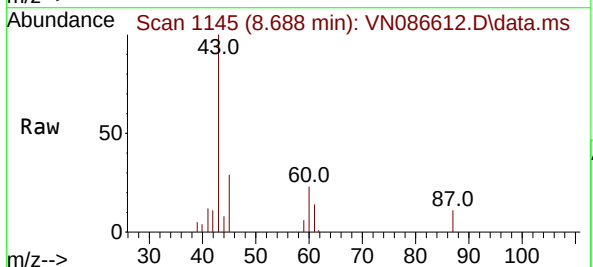
RT: 8.688 min Scan# 1145

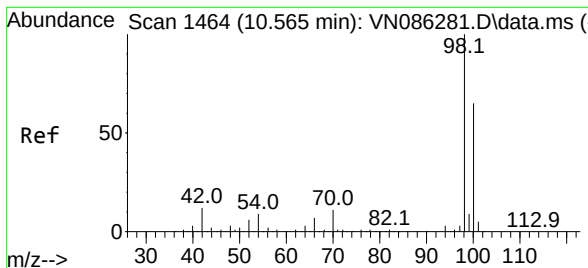
Delta R.T. 0.005 min

Lab File: VN086612.D

Acq: 13 May 2025 19:26

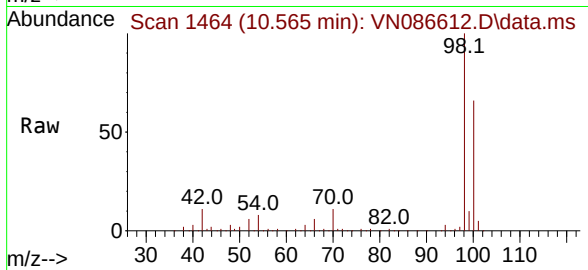
Tgt Ion:	43	Resp:	37362
Ion Ratio	Lower	Upper	
43	100		
61	12.2	20.5	30.7#
87	8.8	10.5	15.7#





#50
Toluene-d8
Concen: 52.820 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086612.D
Acq: 13 May 2025 19:26

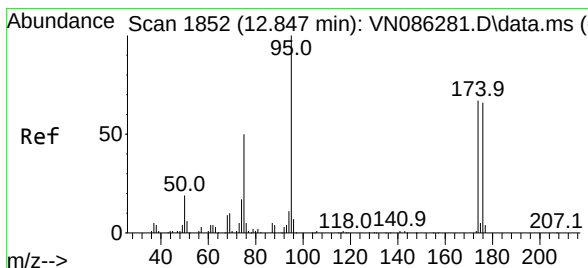
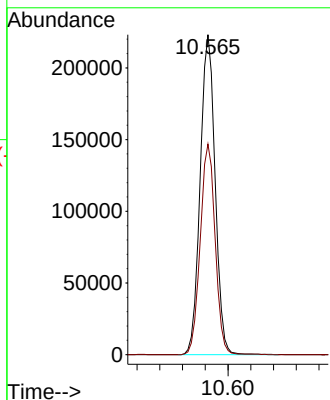
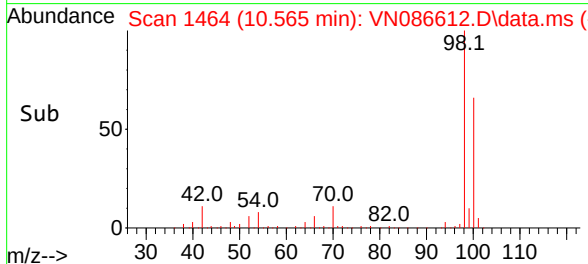
Instrument :
MSVOA_N
ClientSampleId :
PB167964ZHE#10



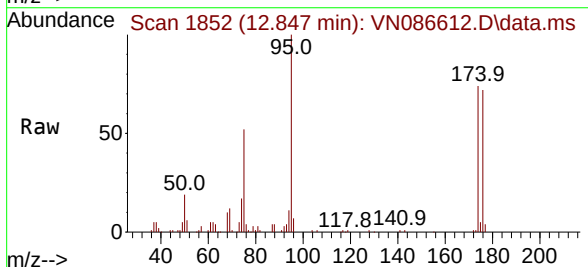
Tgt Ion: 98 Resp: 407200
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7

Manual Integrations
APPROVED

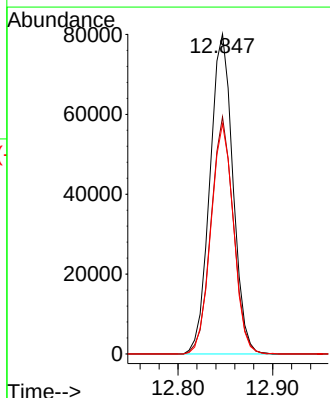
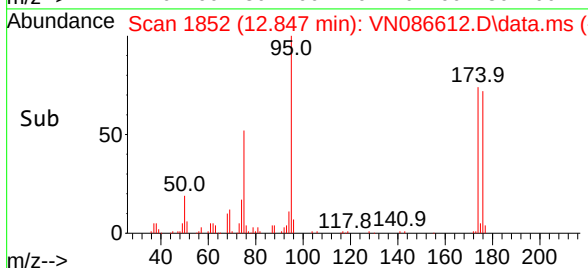
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

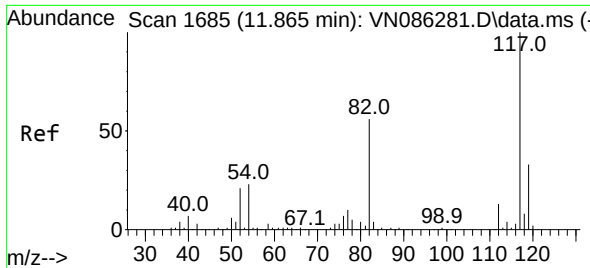


#62
4-Bromofluorobenzene
Concen: 47.990 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086612.D
Acq: 13 May 2025 19:26



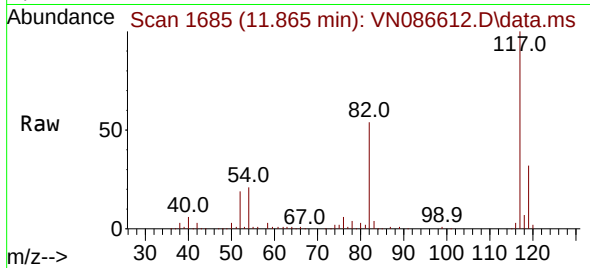
Tgt Ion: 95 Resp: 134942
Ion Ratio Lower Upper
95 100
174 72.2 0.0 133.4
176 70.7 0.0 129.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086612.D
Acq: 13 May 2025 19:26

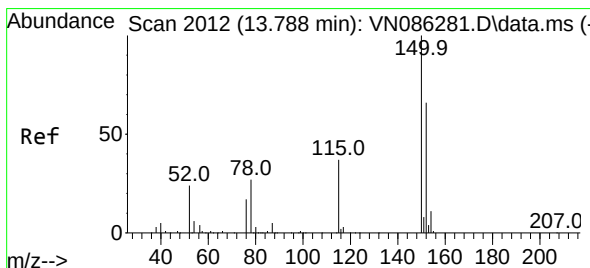
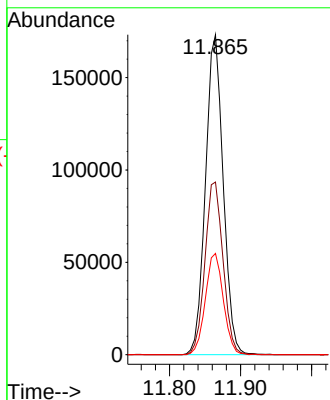
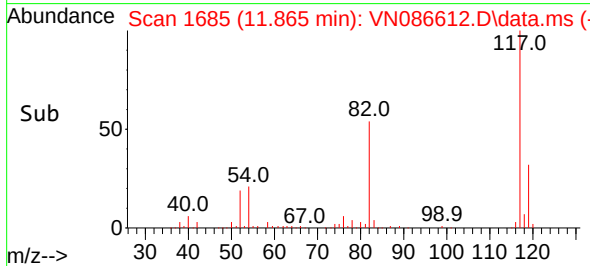
Instrument :
MSVOA_N
ClientSampleId :
PB167964ZHE#10



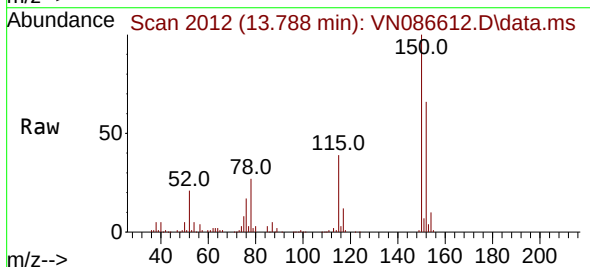
Tgt Ion:117 Resp: 300632
Ion Ratio Lower Upper
117 100
82 53.9 44.7 67.1
119 31.7 26.4 39.6

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: VN086612.D
Acq: 13 May 2025 19:26



Tgt Ion:152 Resp: 116312
Ion Ratio Lower Upper
152 100
115 60.6 31.9 95.9
150 156.5 0.0 352.0

