

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051325\
 Data File : VN086606.D
 Acq On : 13 May 2025 17:00
 Operator : JC\MD
 Sample : PB167964ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167964ZHE#04

Manual Integrations
 APPROVED

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

Quant Time: May 14 01:47:36 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	163746	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	317951	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	317115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	130952	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	119859	50.478	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.960%			
35) Dibromofluoromethane	8.165	113	94255	63.873	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 127.740%#			
50) Toluene-d8	10.565	98	416669	52.833	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.660%			
62) 4-Bromofluorobenzene	12.847	95	147006	51.105	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.200%			
Target Compounds					Qvalue	
16) Acetone	4.436	43	31660	33.626	ug/l	94
18) Methyl Acetate	5.030	43	4527	1.588	ug/l #	66
20) Methylene Chloride	5.271	84	2750	1.253	ug/l	89
43) Isopropyl Acetate	8.688	43	48686m	7.004	ug/l	

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

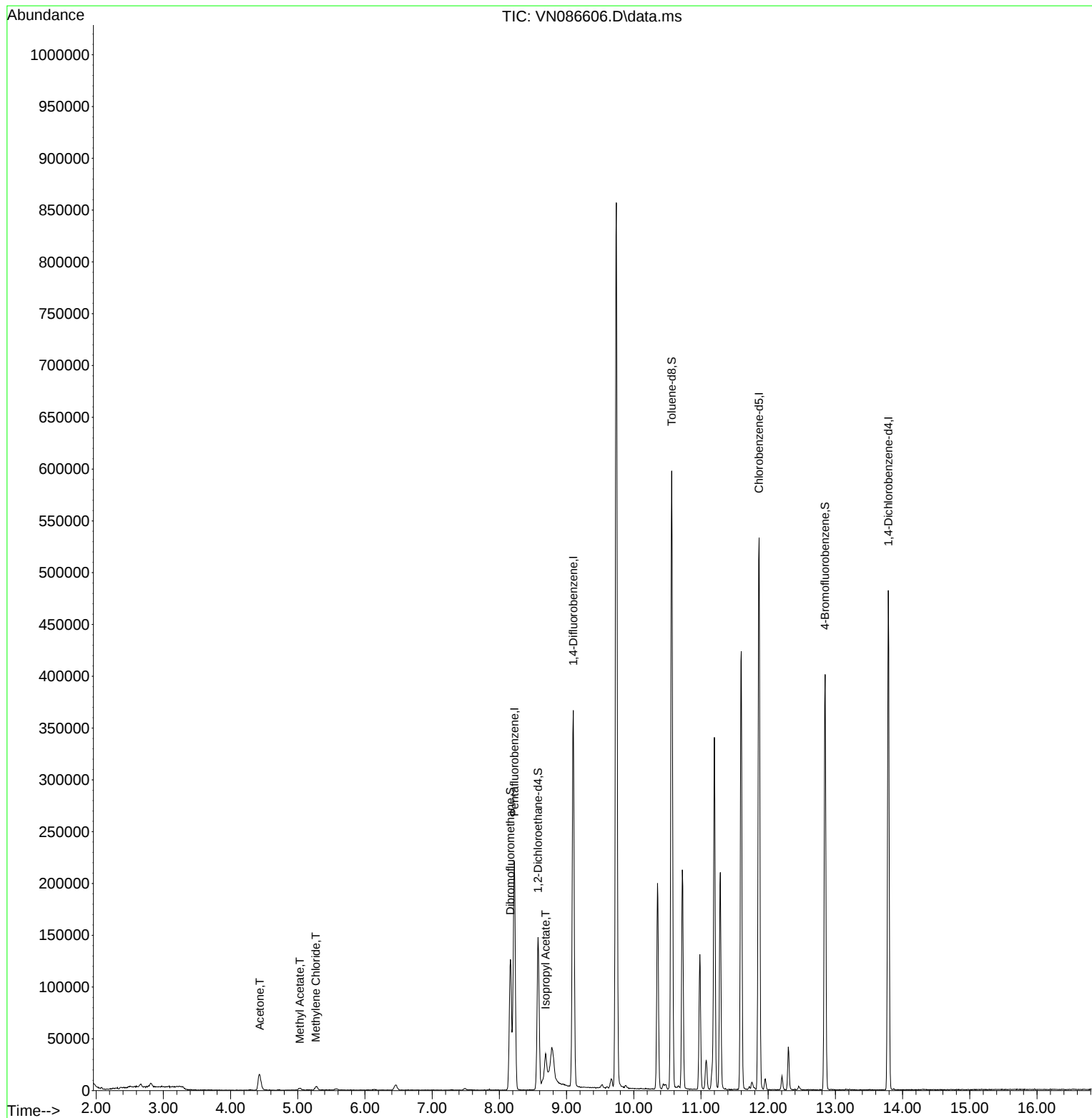
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051325\
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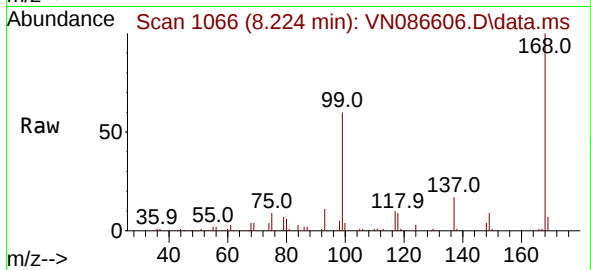
Quant Time: May 14 01:47:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086606.D
Acq: 13 May 2025 17:00

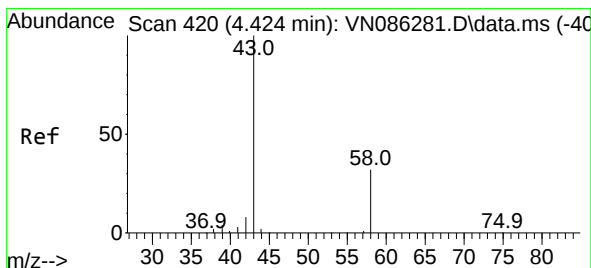
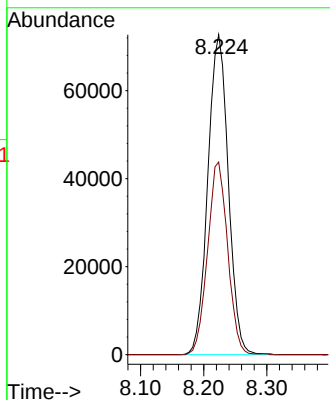
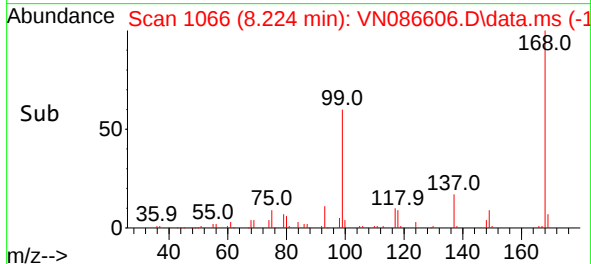
Instrument :
MSVOA_N
ClientSampleId :
PB167964ZHE#04



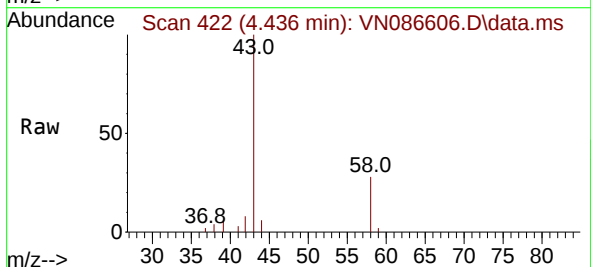
Tgt Ion:168 Resp: 163740
Ion Ratio Lower Upper
168 100
99 60.2 52.5 78.7

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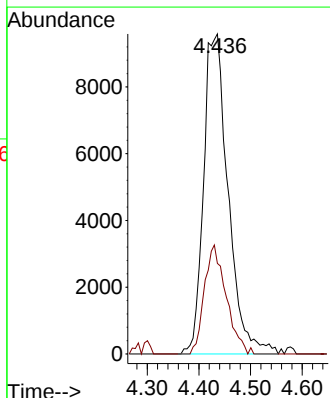
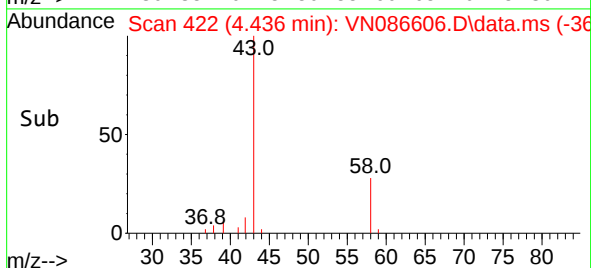
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#16
Acetone
Concen: 33.626 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN086606.D
Acq: 13 May 2025 17:00



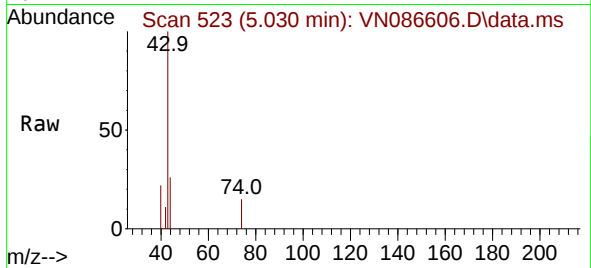
Tgt Ion: 43 Resp: 31660
Ion Ratio Lower Upper
43 100
58 28.3 25.3 37.9





#18
Methyl Acetate
Concen: 1.588 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN086606.D
Acq: 13 May 2025 17:00

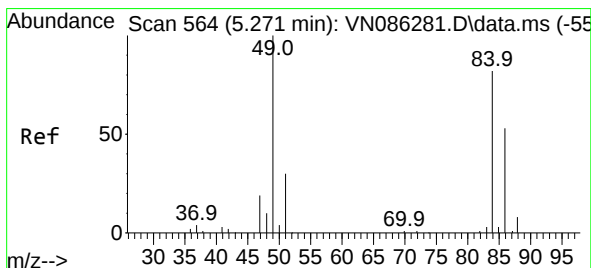
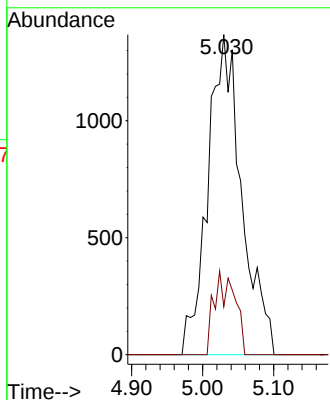
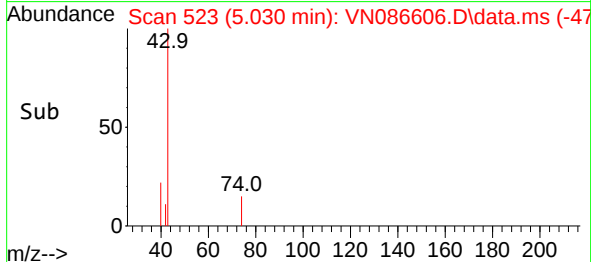
Instrument :
MSVOA_N
ClientSampleId :
PB167964ZHE#04



Tgt Ion: 43 Resp: 452
Ion Ratio Lower Upper
43 100
74 7.9 19.8 29.6

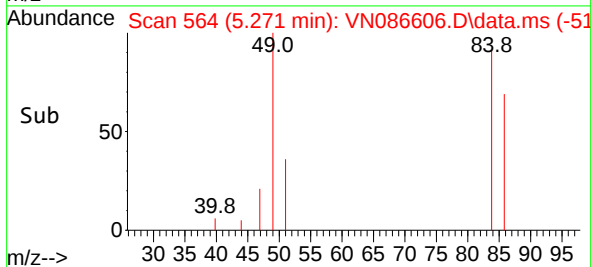
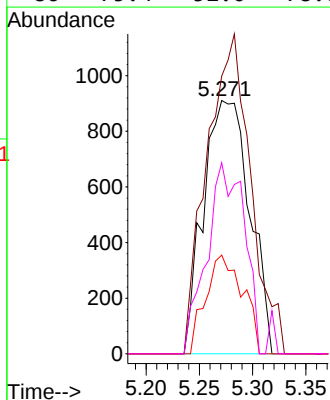
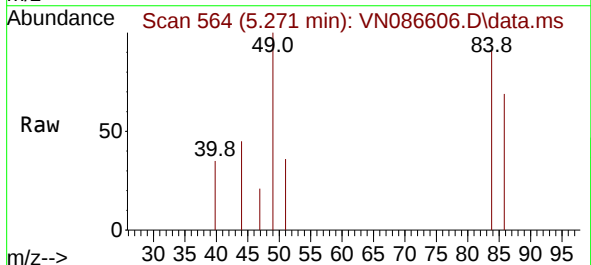
Manual Integrations
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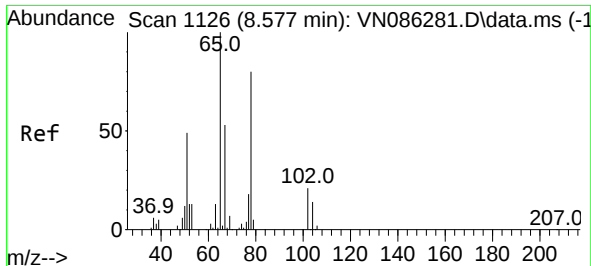
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#20
Methylene Chloride
Concen: 1.253 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN086606.D
Acq: 13 May 2025 17:00

Tgt Ion: 84 Resp: 2750
Ion Ratio Lower Upper
84 100
49 109.7 98.2 147.2
51 39.0 29.8 44.6
86 75.4 52.0 78.0





#33

1,2-Dichloroethane-d4

Concen: 50.478 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086606.D

Acq: 13 May 2025 17:00

Instrument :

MSVOA_N

ClientSampleId :

PB167964ZHE#04

Tgt Ion: 65 Resp: 119859

Ion Ratio Lower Upper

65 100

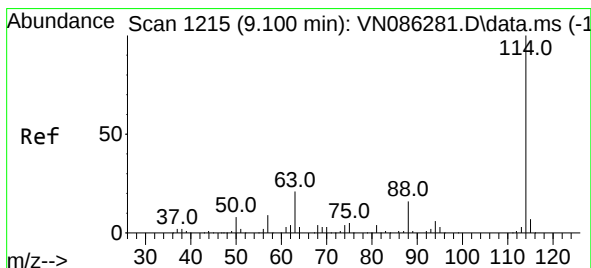
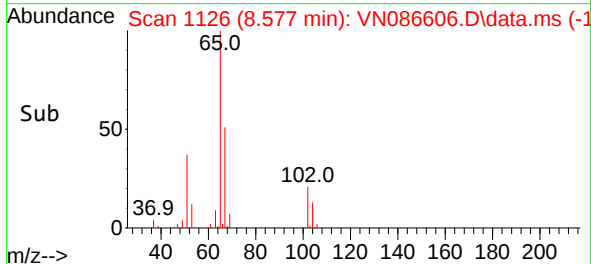
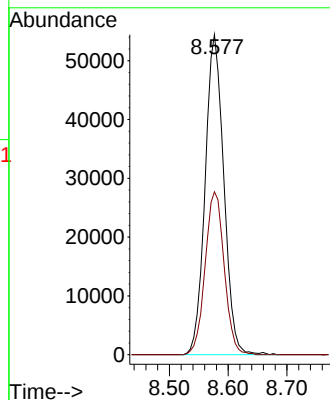
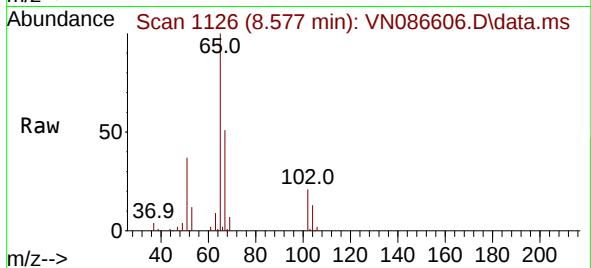
67 52.0 0.0 106.0

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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: VN086606.D

Acq: 13 May 2025 17:00

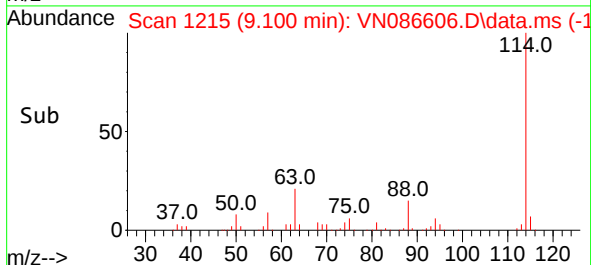
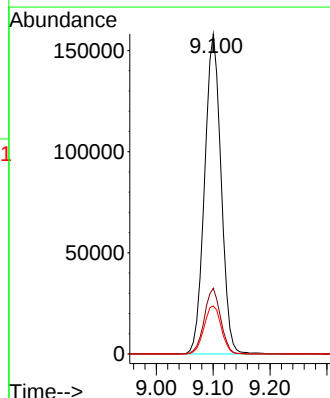
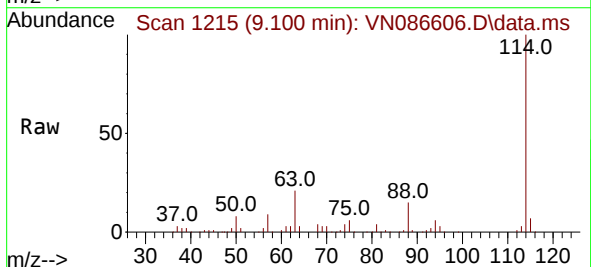
Tgt Ion:114 Resp: 317951

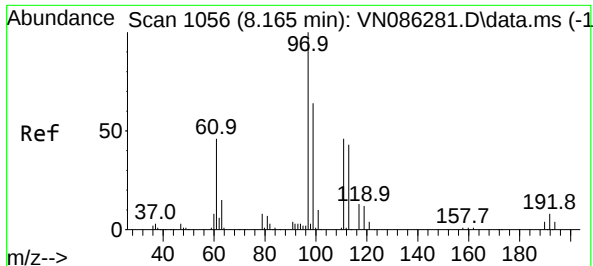
Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.6

88 15.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 63.873 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN086606.D

Acq: 13 May 2025 17:00

Instrument :

MSVOA_N

ClientSampleId :

PB167964ZHE#04

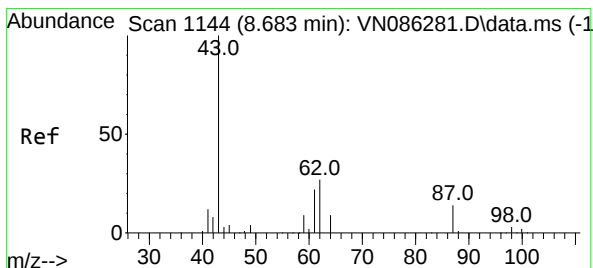
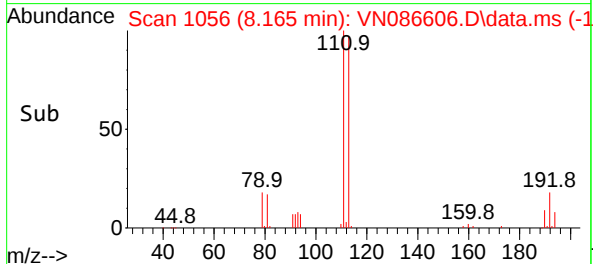
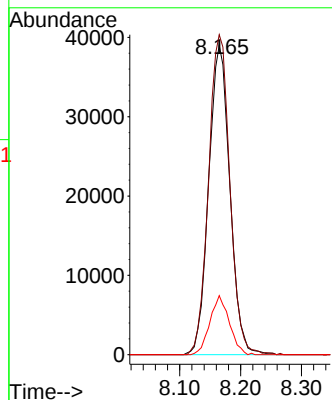
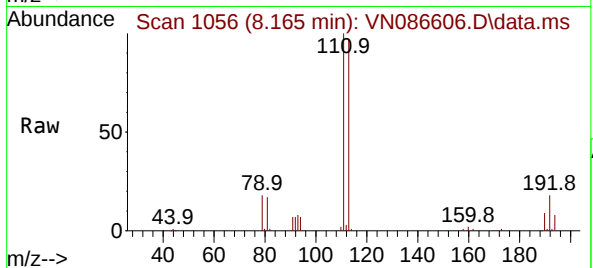
Tgt Ion:	113	Resp:	9425
Ion Ratio	Lower	Upper	
113	100		
111	104.1	83.4	125.0
192	17.5	13.7	20.5

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#43

Isopropyl Acetate

Concen: 7.004 ug/l m

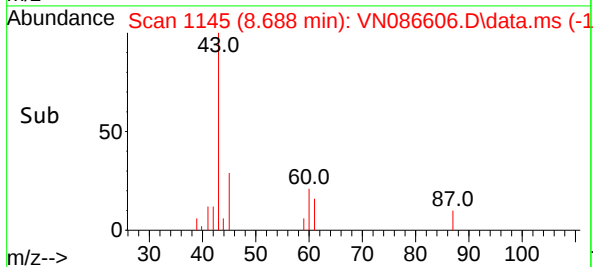
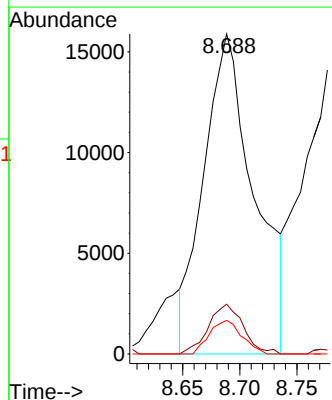
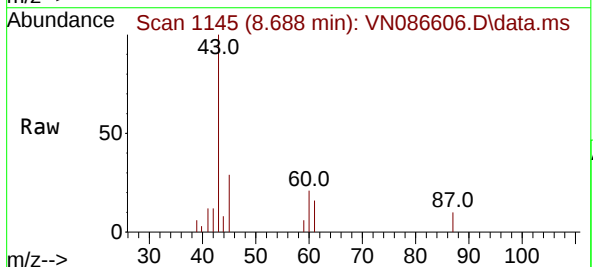
RT: 8.688 min Scan# 1145

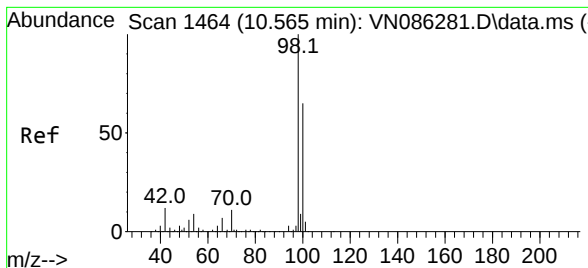
Delta R.T. 0.005 min

Lab File: VN086606.D

Acq: 13 May 2025 17:00

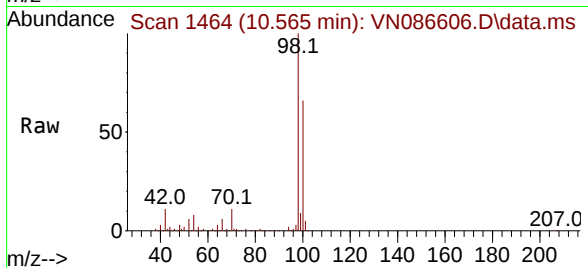
Tgt Ion:	43	Resp:	48686
Ion Ratio	Lower	Upper	
43	100		
61	10.8	20.5	30.7#
87	6.7	10.5	15.7#





#50
Toluene-d8
Concen: 52.833 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086606.D
Acq: 13 May 2025 17:00

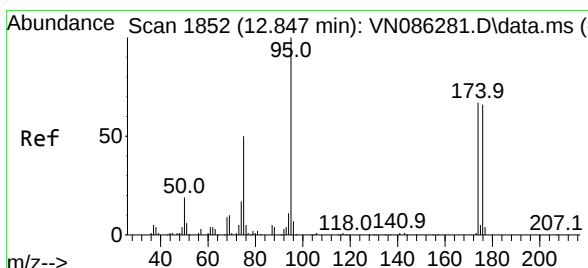
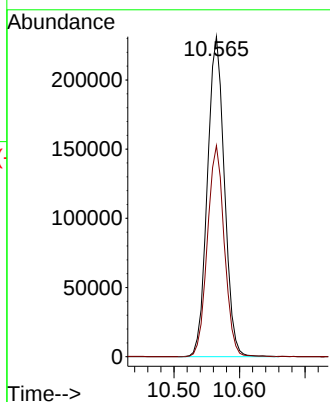
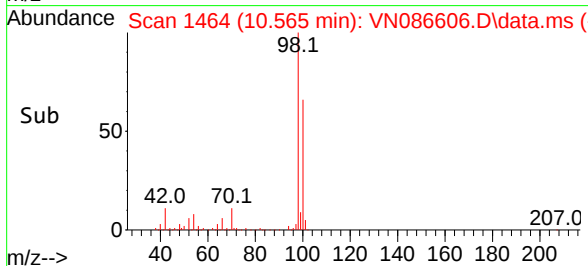
Instrument :
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ClientSampleId :
PB167964ZHE#04



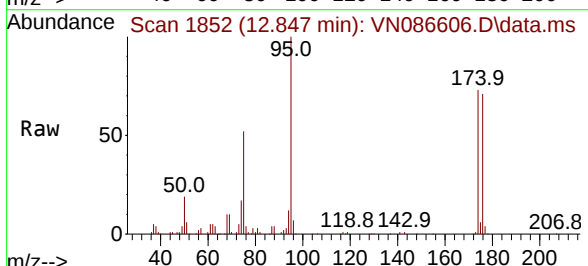
Tgt Ion: 98 Resp: 416669
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7

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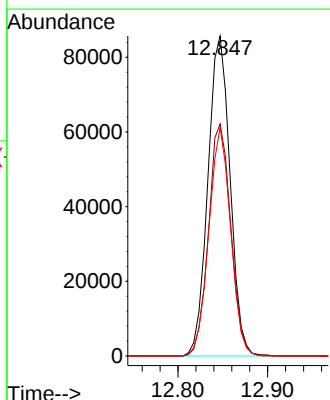
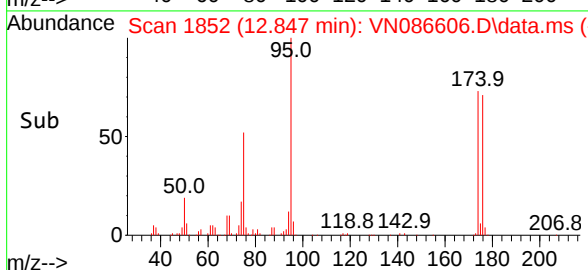
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

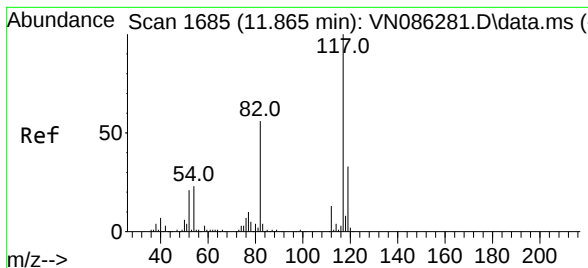


#62
4-Bromofluorobenzene
Concen: 51.105 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086606.D
Acq: 13 May 2025 17:00



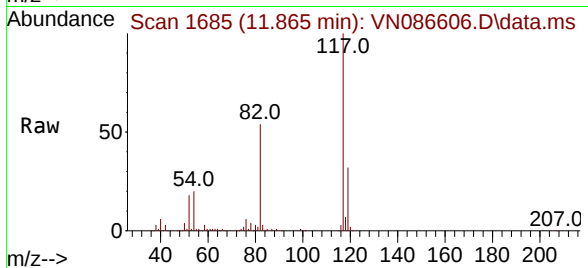
Tgt Ion: 95 Resp: 147006
Ion Ratio Lower Upper
95 100
174 73.0 0.0 133.4
176 69.8 0.0 129.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086606.D
Acq: 13 May 2025 17:00

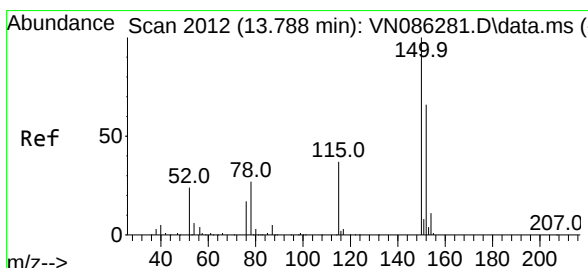
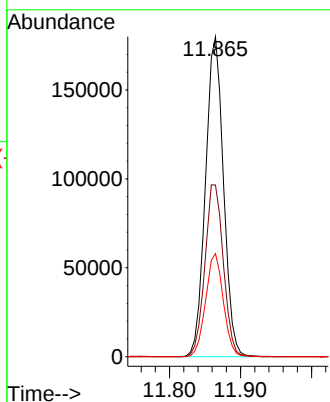
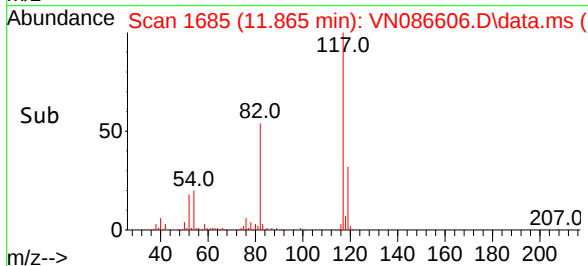
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PB167964ZHE#04



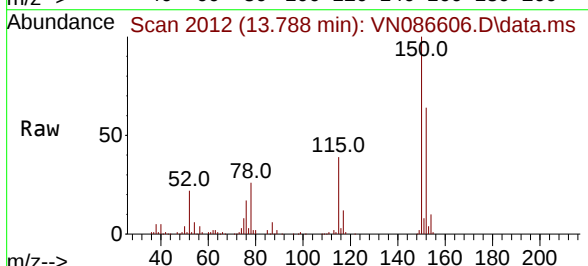
Tgt Ion:117 Resp: 31711
Ion Ratio Lower Upper
117 100
82 53.6 44.7 67.1
119 32.2 26.4 39.6

Manual Integrations
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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: VN086606.D
Acq: 13 May 2025 17:00



Tgt Ion:152 Resp: 130952
Ion Ratio Lower Upper
152 100
115 60.4 31.9 95.9
150 157.6 0.0 352.0

