

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051325\
 Data File : VN086600.D
 Acq On : 13 May 2025 14:35
 Operator : JC\MD
 Sample : PB167932ZHE#19
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167932ZHE#19

Manual Integrations
 APPROVED

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

Quant Time: May 14 01:44:39 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	169982	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	324997	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	318403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	132162	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122745	49.797	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.600%		
35) Dibromofluoromethane	8.165	113	96757	64.147	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	128.300%#		
50) Toluene-d8	10.565	98	426285	52.880	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	105.760%		
62) 4-Bromofluorobenzene	12.847	95	148003	50.336	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.680%		
Target Compounds						
16) Acetone	4.430	43	22937	21.703	ug/l	92
18) Methyl Acetate	5.030	43	3162	1.069	ug/l #	70
20) Methylene Chloride	5.277	84	4288m	1.882	ug/l	
43) Isopropyl Acetate	8.688	43	30554m	3.568	ug/l	

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

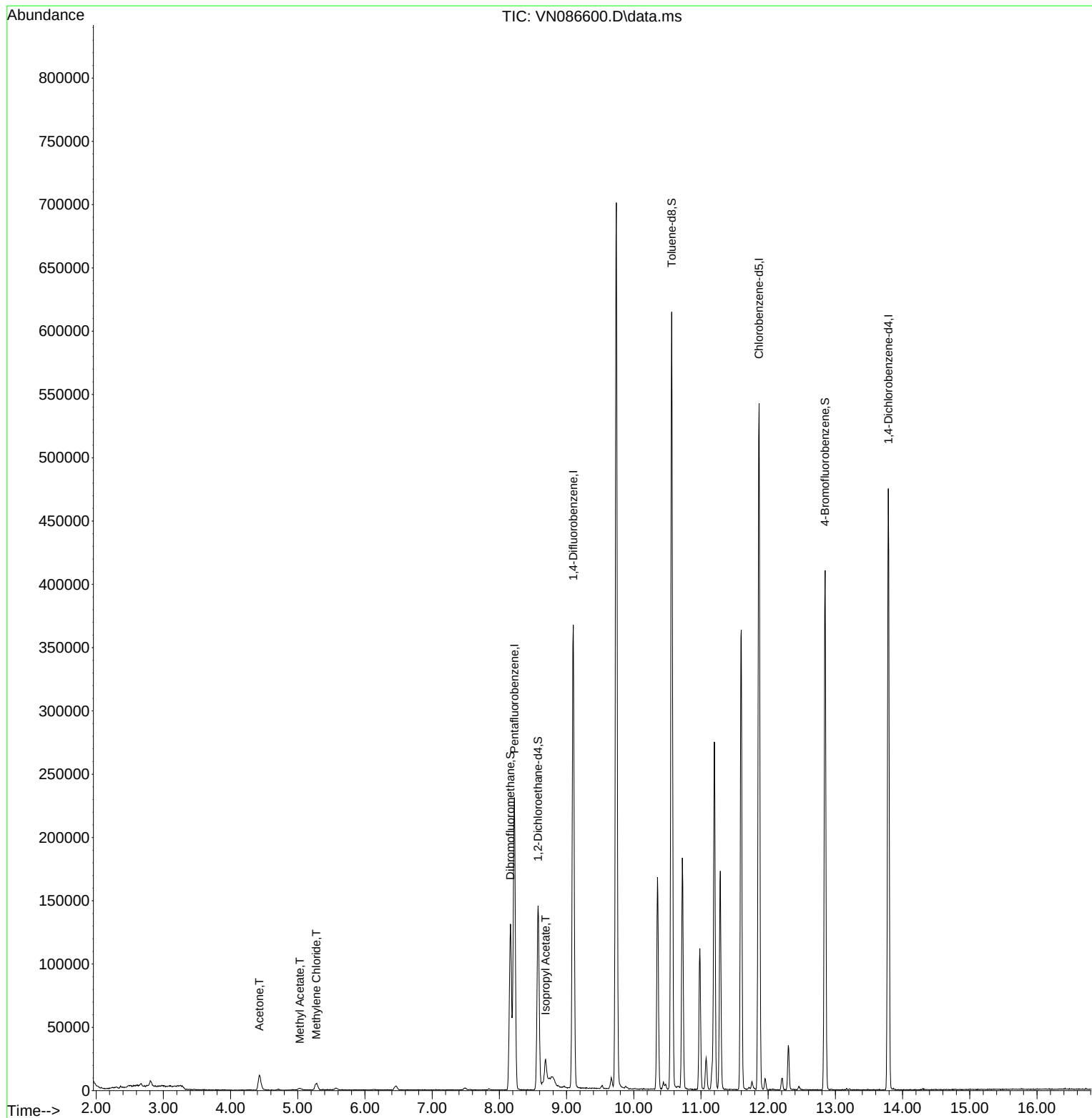
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051325\
Data File : VN086600.D
Acq On : 13 May 2025 14:35
Operator : JC\MD
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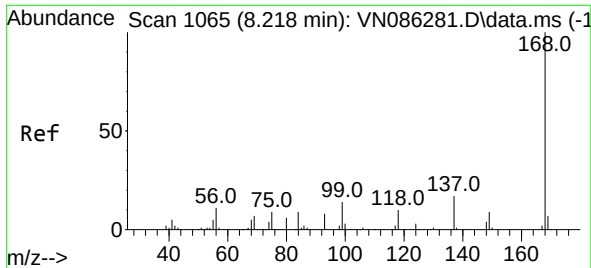
Instrument :
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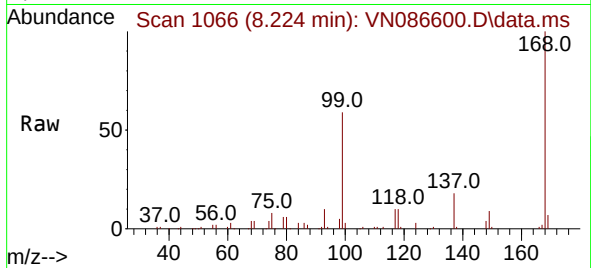
Quant Time: May 14 01:44:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086600.D
Acq: 13 May 2025 14:35

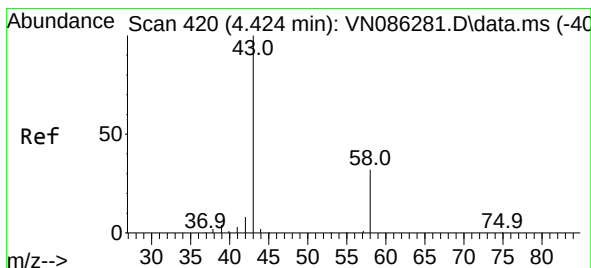
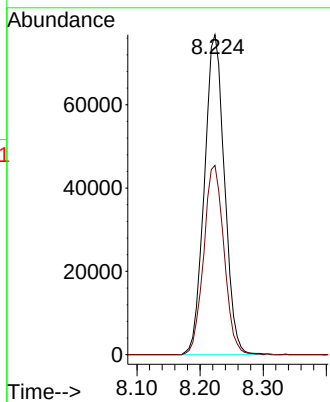
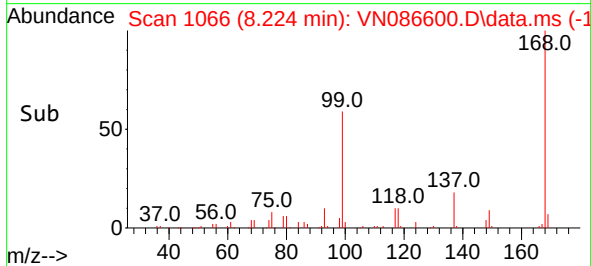
Instrument :
MSVOA_N
ClientSampleId :
PB167932ZHE#19



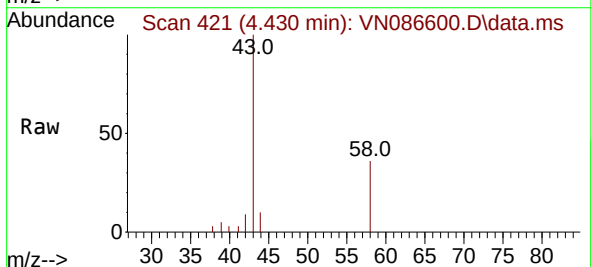
Tgt Ion:168 Resp: 16998
Ion Ratio Lower Upper
168 100
99 59.2 52.5 78.7

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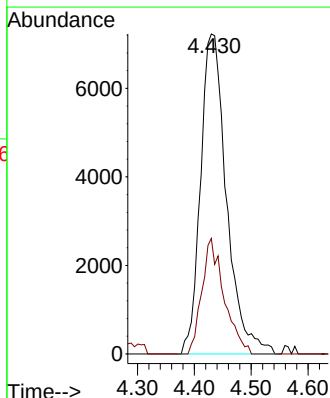
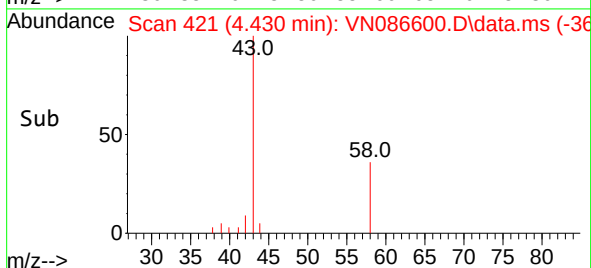
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

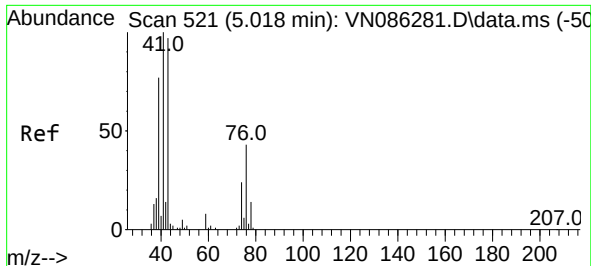


#16
Acetone
Concen: 21.703 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086600.D
Acq: 13 May 2025 14:35



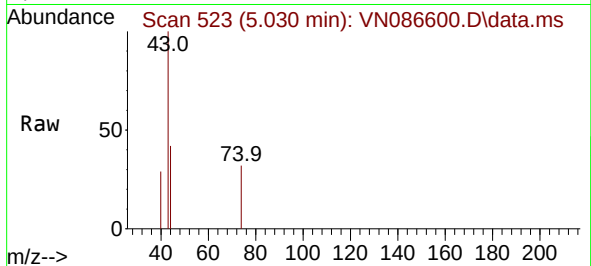
Tgt Ion: 43 Resp: 22937
Ion Ratio Lower Upper
43 100
58 36.1 25.3 37.9





#18
Methyl Acetate
Concen: 1.069 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN086600.D
Acq: 13 May 2025 14:35

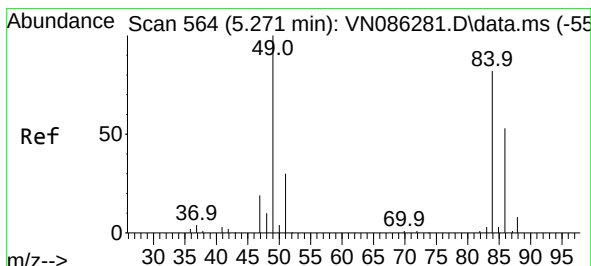
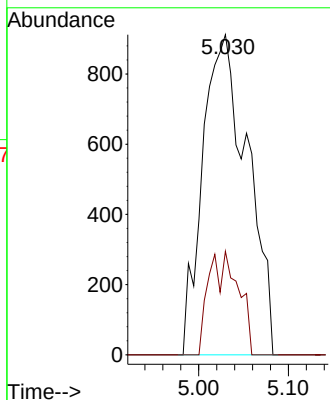
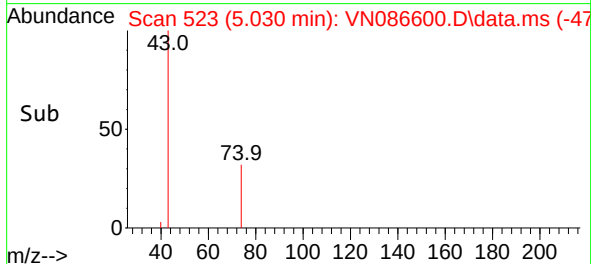
Instrument :
MSVOA_N
ClientSampleId :
PB167932ZHE#19



Tgt Ion: 43 Resp: 316
Ion Ratio Lower Upper
43 100
74 9.5 19.8 29.6

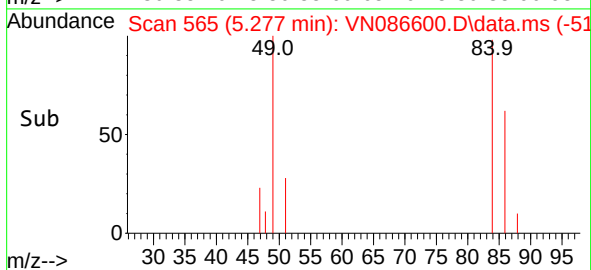
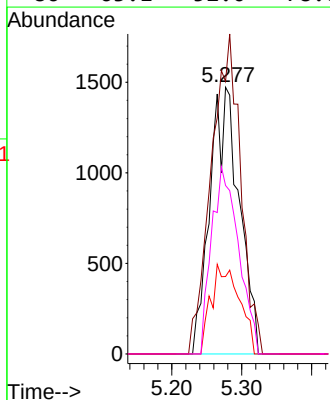
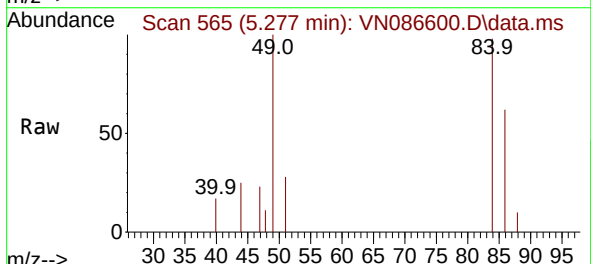
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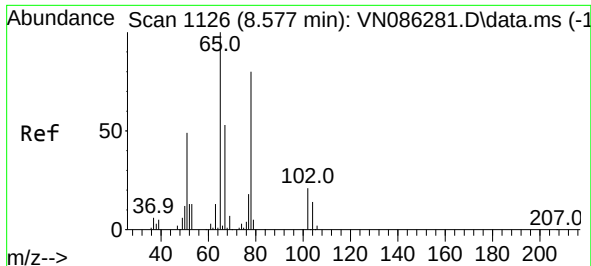
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#20
Methylene Chloride
Concen: 1.882 ug/l m
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086600.D
Acq: 13 May 2025 14:35

Tgt Ion: 84 Resp: 4288
Ion Ratio Lower Upper
84 100
49 102.2 98.2 147.2
51 29.1 29.8 44.6#
86 63.1 52.0 78.0





#33

1,2-Dichloroethane-d4

Concen: 49.797 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086600.D

Acq: 13 May 2025 14:35

Instrument :

MSVOA_N

ClientSampleId :

PB167932ZHE#19

Tgt Ion: 65 Resp: 122745

Ion Ratio Lower Upper

65 100

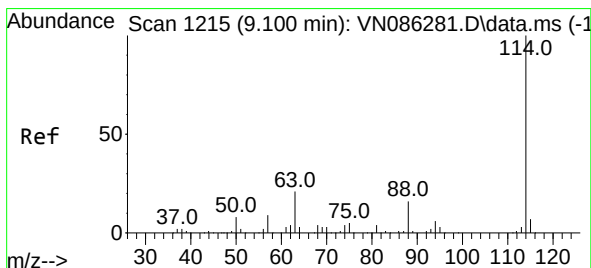
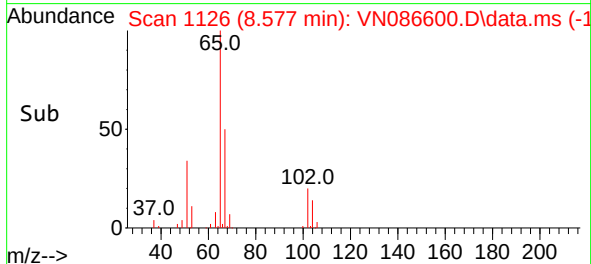
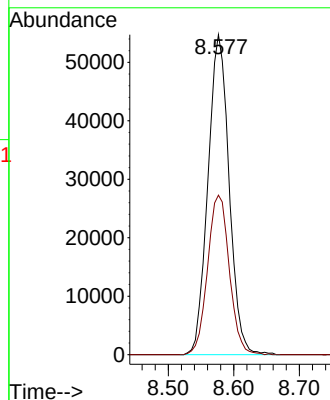
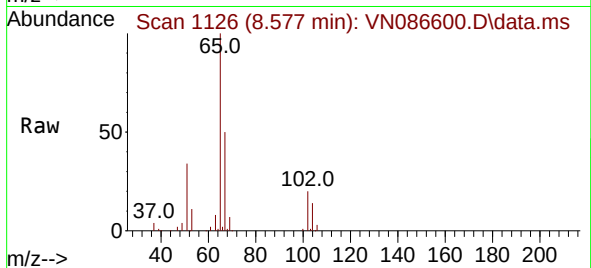
67 51.2 0.0 106.0

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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: VN086600.D

Acq: 13 May 2025 14:35

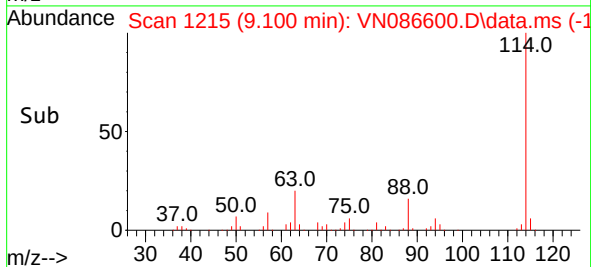
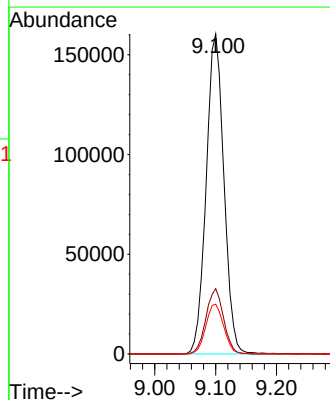
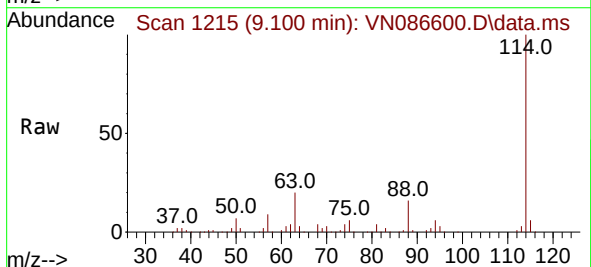
Tgt Ion:114 Resp: 324997

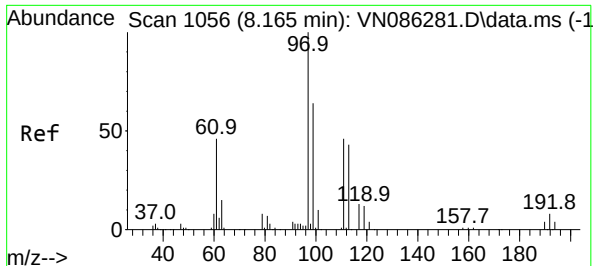
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.6

88 15.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 64.147 ug/l

RT: 8.165 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VN086600.D

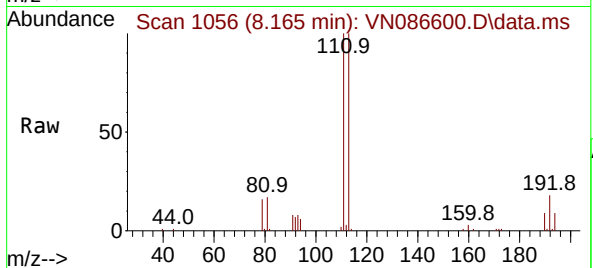
Acq: 13 May 2025 14:35

Instrument :

MSVOA_N

ClientSampleId :

PB167932ZHE#19



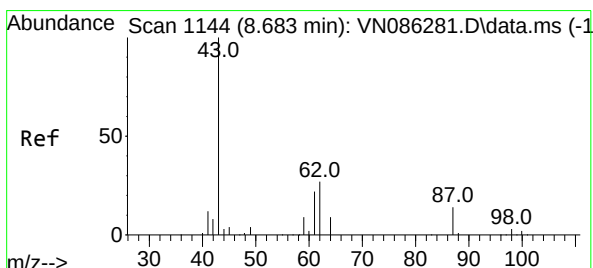
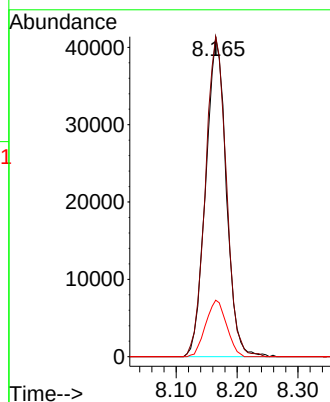
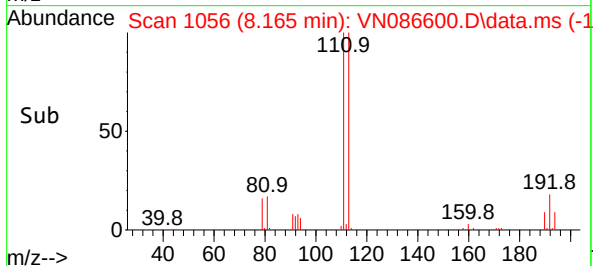
Tgt Ion:	113	Resp:	9675
Ion Ratio	Lower	Upper	
113	100		
111	101.7	83.4	125.0
192	18.0	13.7	20.5

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Supervised By :Mahesh Dadoda 05/14/2025



#43

Isopropyl Acetate

Concen: 3.568 ug/l m

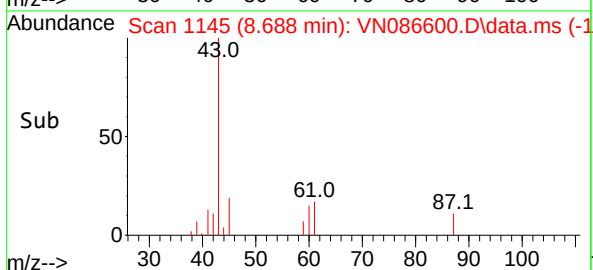
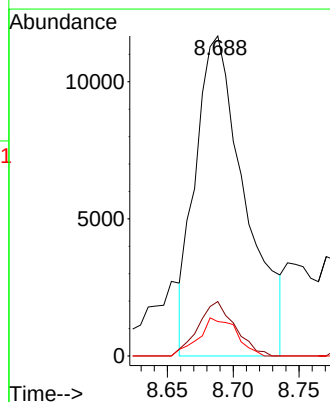
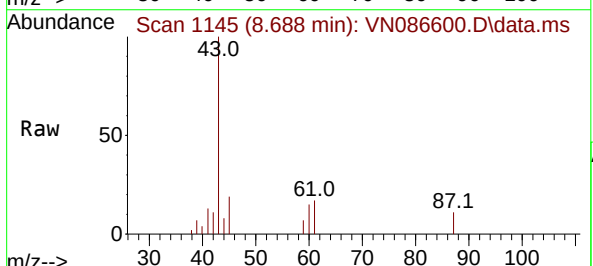
RT: 8.688 min Scan# 1145

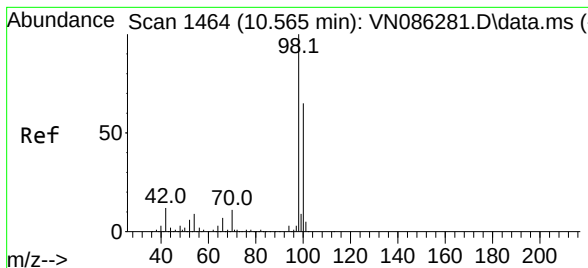
Delta R.T. 0.005 min

Lab File: VN086600.D

Acq: 13 May 2025 14:35

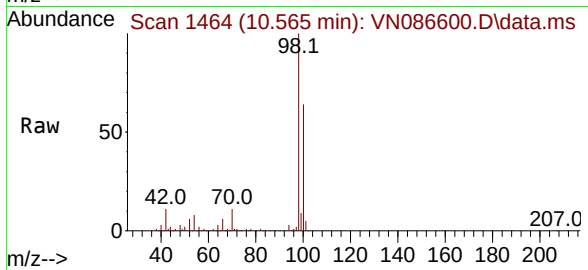
Tgt Ion:	43	Resp:	30554
Ion Ratio	Lower	Upper	
43	100		
61	12.7	20.5	30.7#
87	9.1	10.5	15.7#





#50
Toluene-d8
Concen: 52.880 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086600.D
Acq: 13 May 2025 14:35

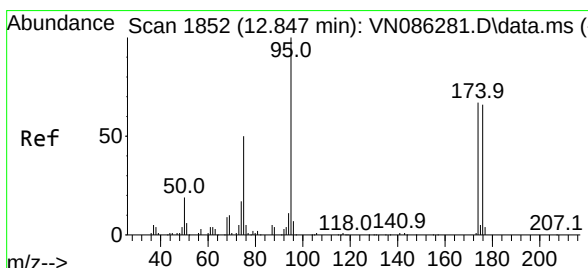
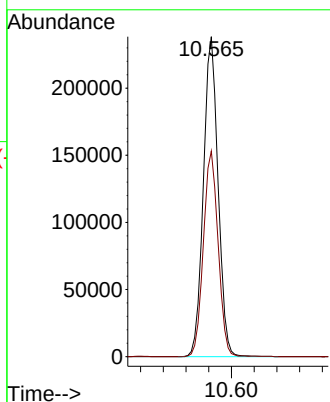
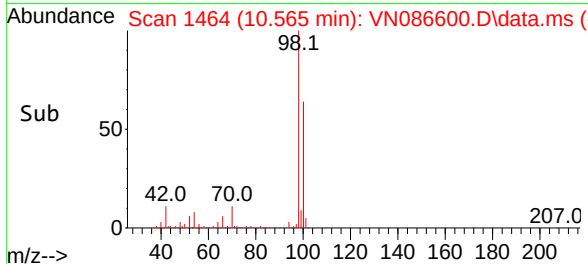
Instrument :
MSVOA_N
ClientSampleId :
PB167932ZHE#19



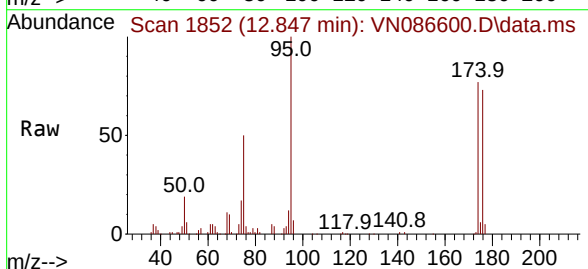
Tgt Ion: 98 Resp: 426285
Ion Ratio Lower Upper
98 100
100 64.4 52.5 78.7

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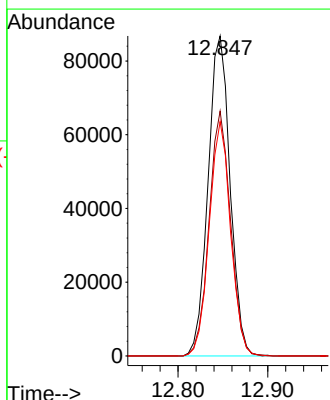
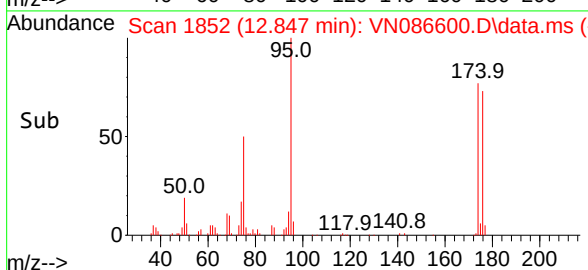
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

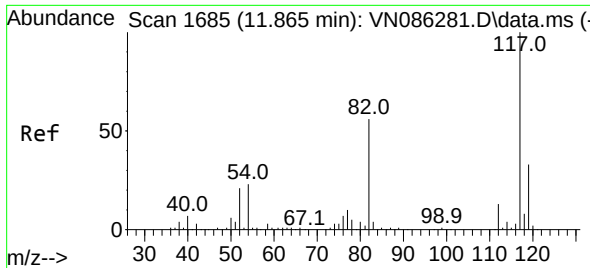


#62
4-Bromofluorobenzene
Concen: 50.336 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086600.D
Acq: 13 May 2025 14:35



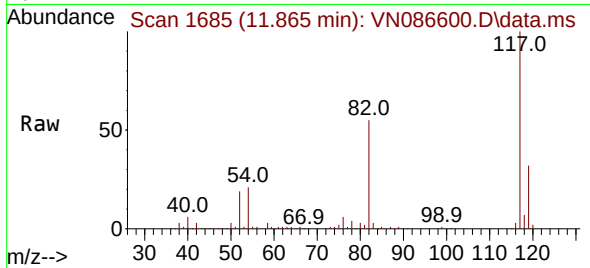
Tgt Ion: 95 Resp: 148003
Ion Ratio Lower Upper
95 100
174 74.6 0.0 133.4
176 71.0 0.0 129.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086600.D
Acq: 13 May 2025 14:35

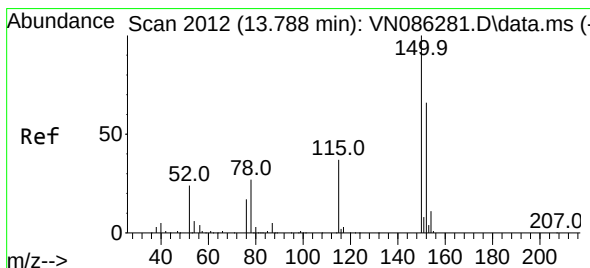
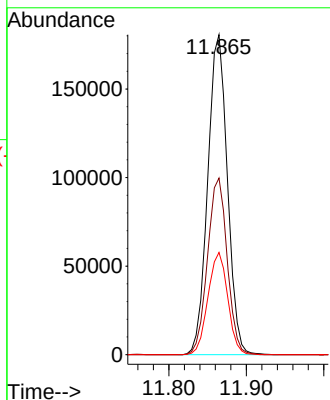
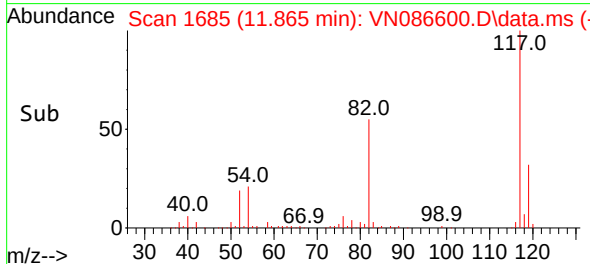
Instrument :
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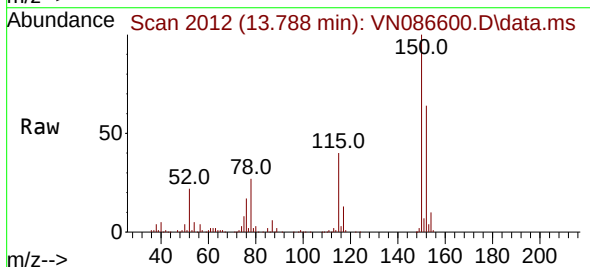
Tgt Ion:117 Resp: 31840
Ion Ratio Lower Upper
117 100
82 55.2 44.7 67.1
119 32.0 26.4 39.6

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: VN086600.D
Acq: 13 May 2025 14:35



Tgt Ion:152 Resp: 132162
Ion Ratio Lower Upper
152 100
115 60.7 31.9 95.9
150 157.2 0.0 352.0

