

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051325\
 Data File : VN086599.D
 Acq On : 13 May 2025 14:10
 Operator : JC\MD
 Sample : PB167932ZHE#18
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167932ZHE#18

Manual Integrations
 APPROVED

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

Quant Time: May 14 01:44:09 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	163230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	316360	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	310514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	128815	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118452	50.044	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 100.080%		
35) Dibromofluoromethane	8.165	113	93005	63.343	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 126.680%#		
50) Toluene-d8	10.565	98	406362	51.785	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 103.560%		
62) 4-Bromofluorobenzene	12.847	95	143596	50.170	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery	= 100.340%		
Target Compounds						Qvalue
16) Acetone	4.424	43	22313	22.062	ug/l	93
18) Methyl Acetate	5.030	43	3089	1.087	ug/l #	77
20) Methylene Chloride	5.283	84	4605	2.104	ug/l	95
43) Isopropyl Acetate	8.688	43	24209m	2.554	ug/l	

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

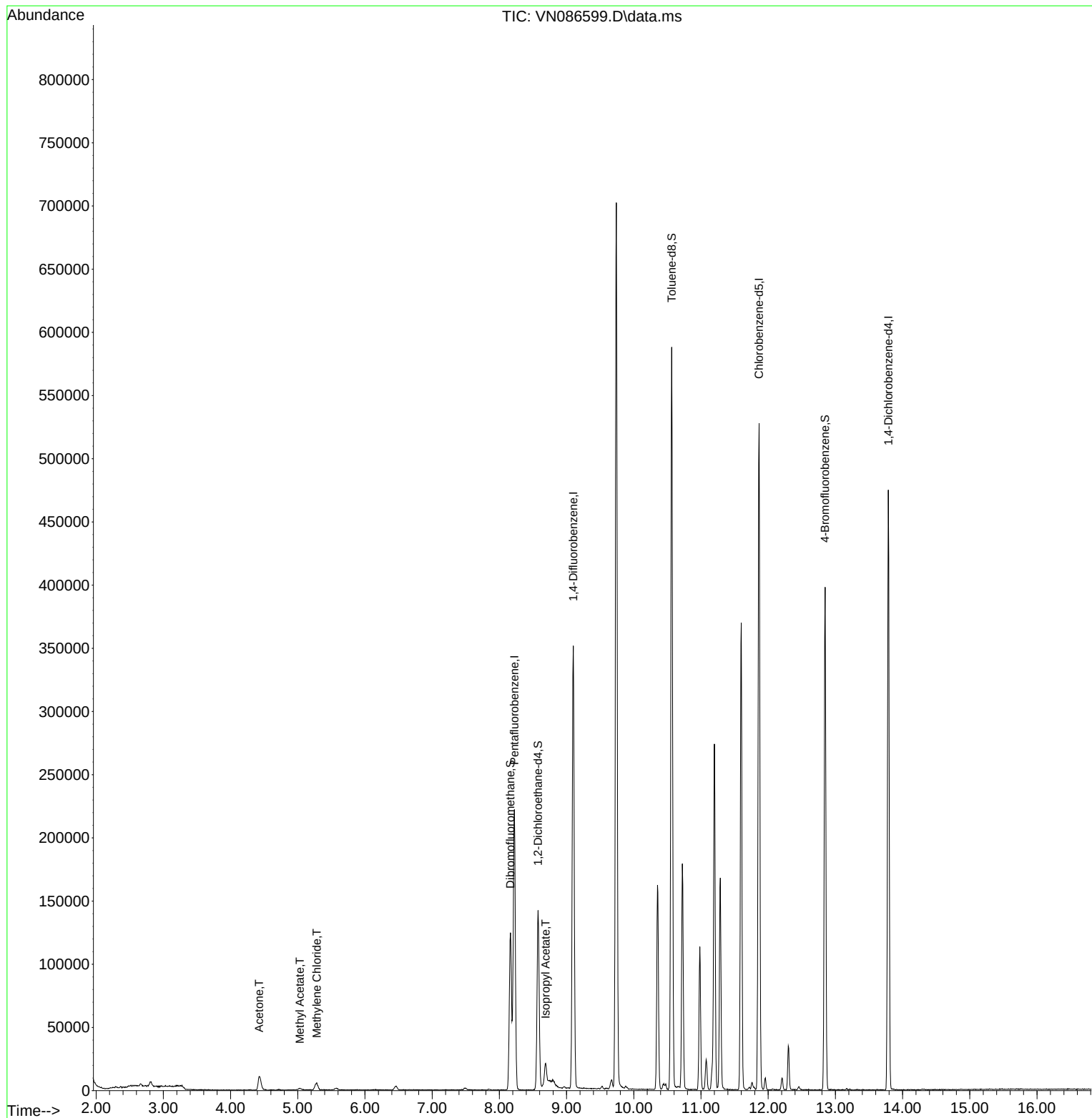
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051325\
Data File : VN086599.D
Acq On : 13 May 2025 14:10
Operator : JC\MD
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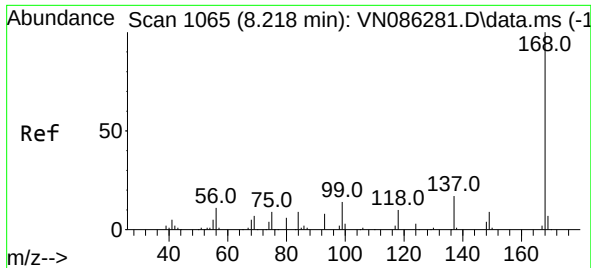
Instrument :
MSVOA_N
ClientSampleId :
PB167932ZHE#18

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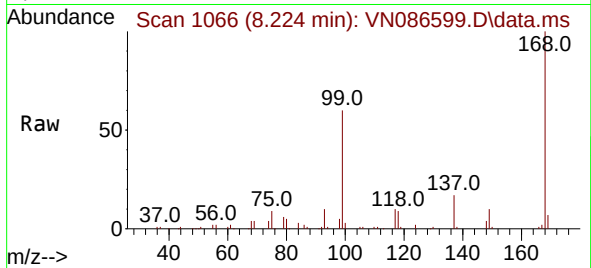
Quant Time: May 14 01:44:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086599.D
Acq: 13 May 2025 14:10

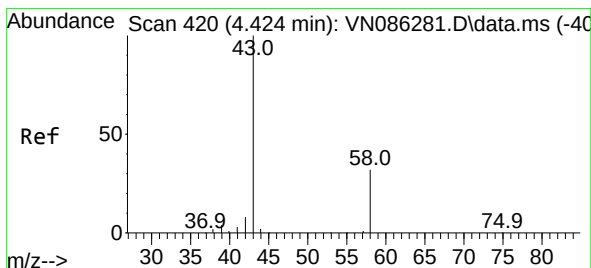
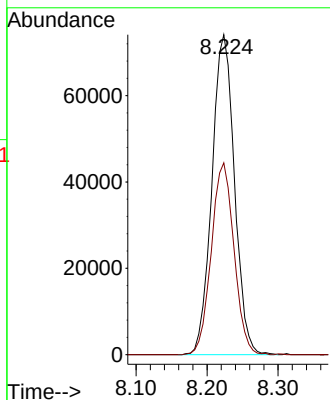
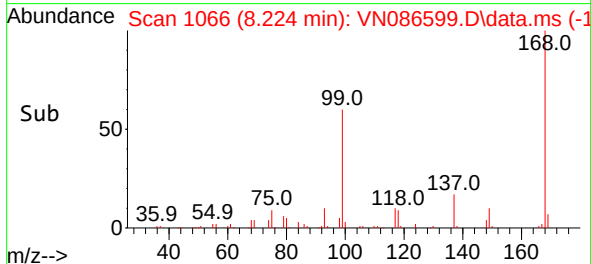
Instrument :
MSVOA_N
ClientSampleId :
PB167932ZHE#18



Tgt Ion:168 Resp: 163230
Ion Ratio Lower Upper
168 100
99 60.0 52.5 78.7

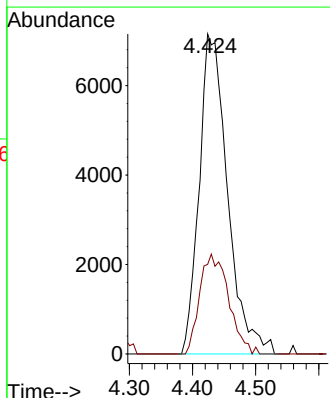
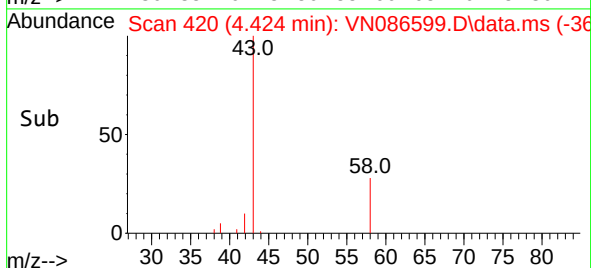
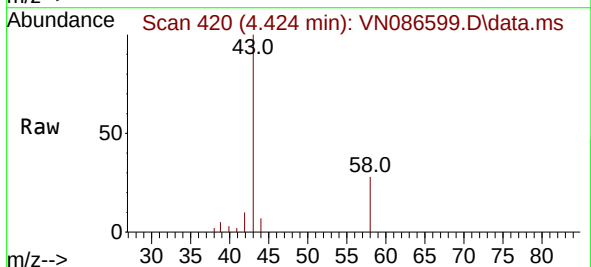
Manual Integrations
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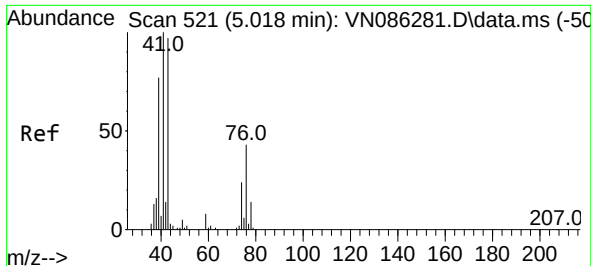
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#16
Acetone
Concen: 22.062 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086599.D
Acq: 13 May 2025 14:10

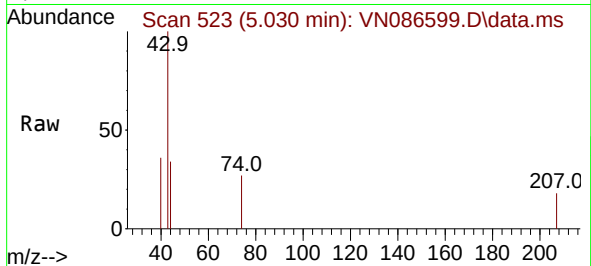
Tgt Ion: 43 Resp: 22313
Ion Ratio Lower Upper
43 100
58 28.0 25.3 37.9





#18
Methyl Acetate
Concen: 1.087 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN086599.D
Acq: 13 May 2025 14:10

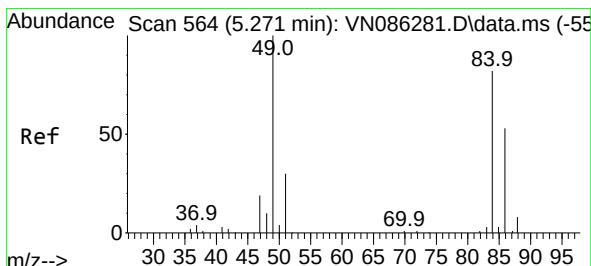
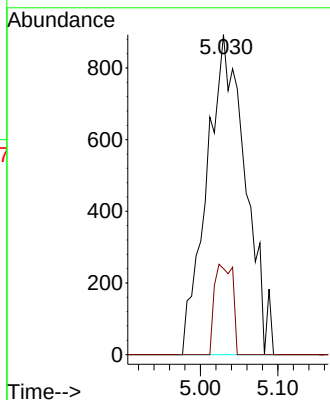
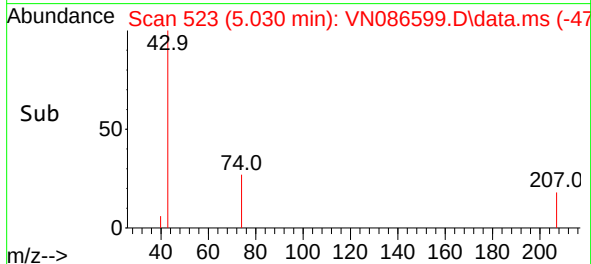
Instrument :
MSVOA_N
ClientSampleId :
PB167932ZHE#18



Tgt Ion: 43 Resp: 3089
Ion Ratio Lower Upper
43 100
74 13.2 19.8 29.6

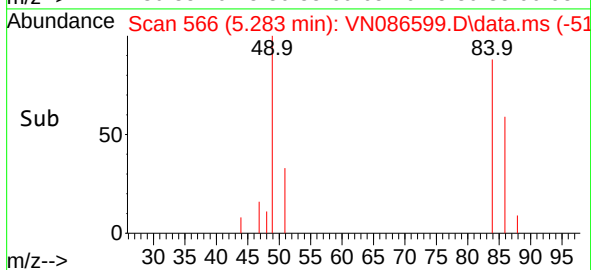
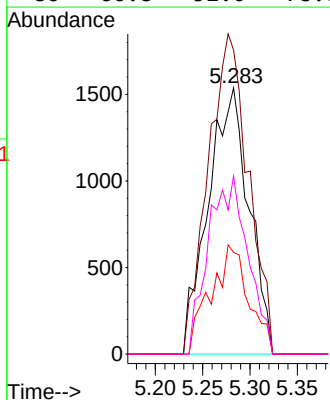
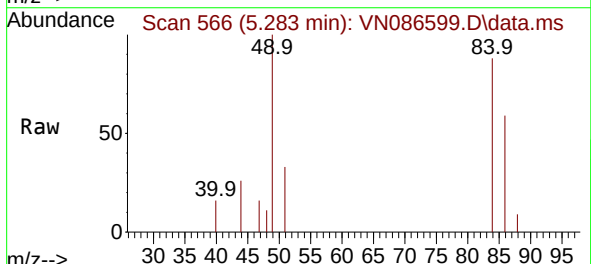
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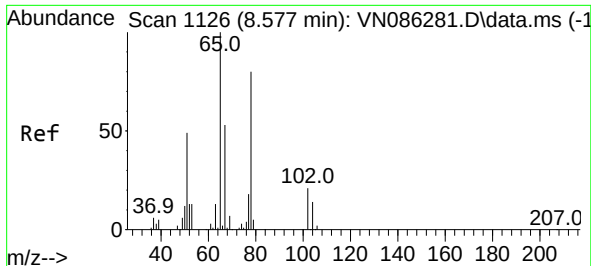
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#20
Methylene Chloride
Concen: 2.104 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN086599.D
Acq: 13 May 2025 14:10

Tgt Ion: 84 Resp: 4605
Ion Ratio Lower Upper
84 100
49 114.2 98.2 147.2
51 38.2 29.8 44.6
86 66.8 52.0 78.0





#33

1,2-Dichloroethane-d4

Concen: 50.044 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086599.D

Acq: 13 May 2025 14:10

Instrument :

MSVOA_N

ClientSampleId :

PB167932ZHE#18

Tgt Ion: 65 Resp: 11845

Ion Ratio Lower Upper

65 100

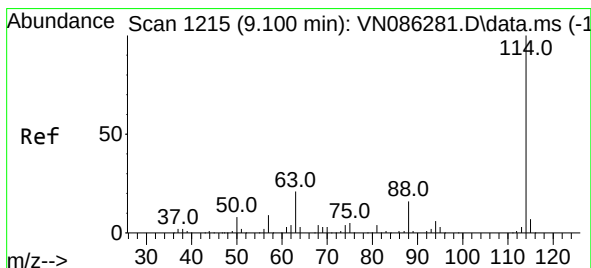
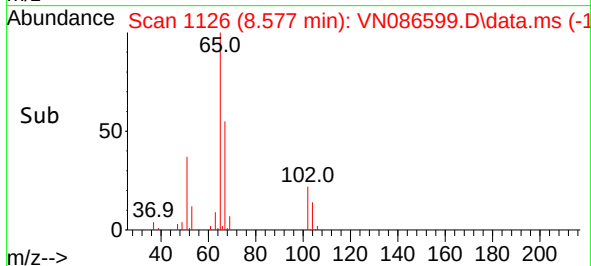
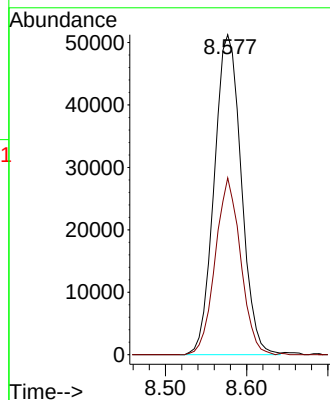
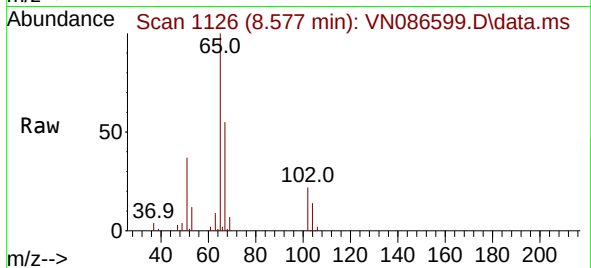
67 51.9 0.0 106.0

Manual Integrations

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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: VN086599.D

Acq: 13 May 2025 14:10

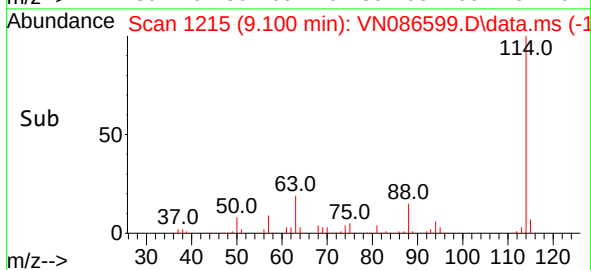
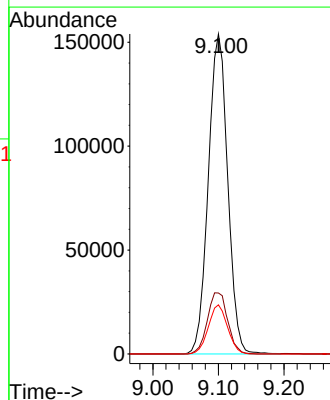
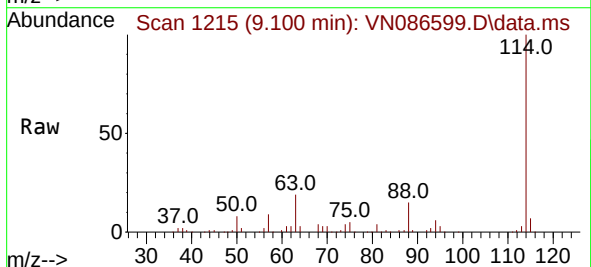
Tgt Ion:114 Resp: 316360

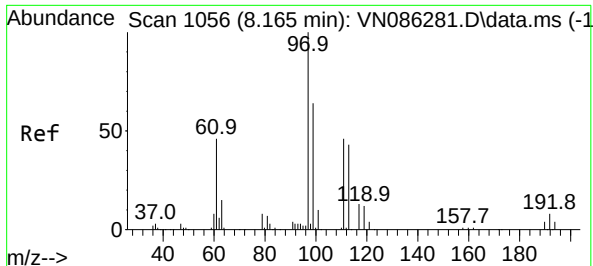
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.6

88 15.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 63.343 ug/l

RT: 8.165 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VN086599.D

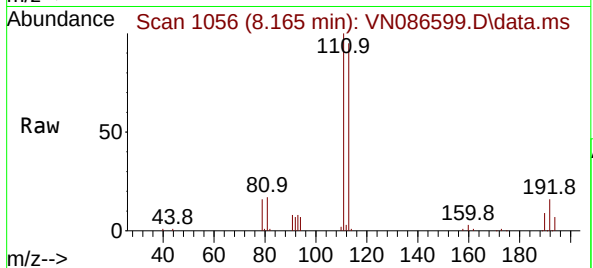
Acq: 13 May 2025 14:10

Instrument :

MSVOA_N

ClientSampleId :

PB167932ZHE#18



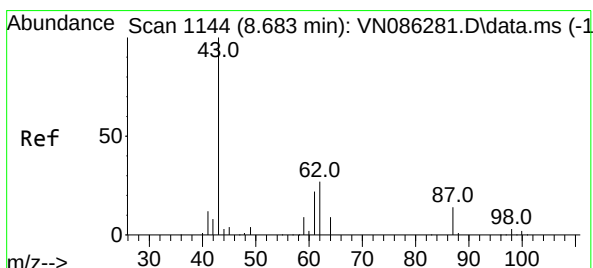
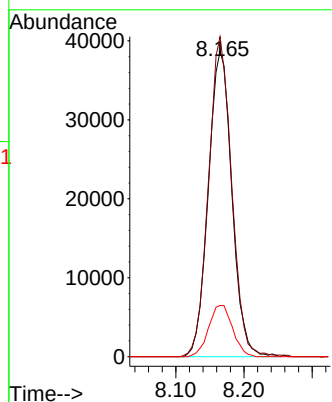
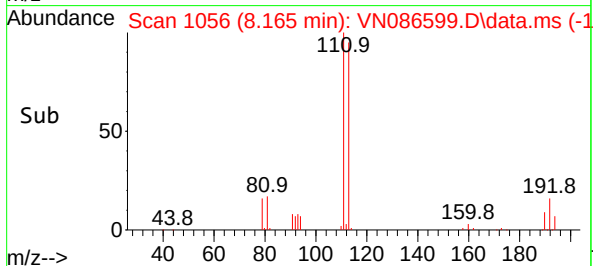
Tgt Ion:	113	Resp:	9300
Ion Ratio	Lower	Upper	
113	100		
111	103.1	83.4	125.0
192	17.1	13.7	20.5

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Supervised By :Mahesh Dadoda 05/14/2025



#43

Isopropyl Acetate

Concen: 2.554 ug/l m

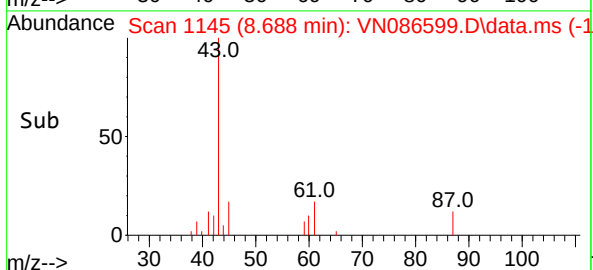
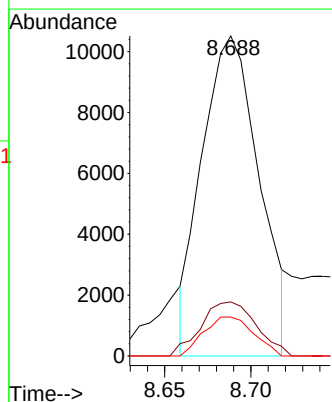
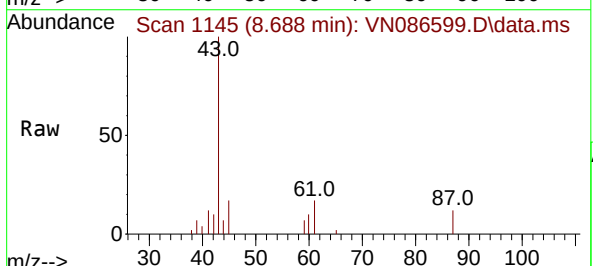
RT: 8.688 min Scan# 1145

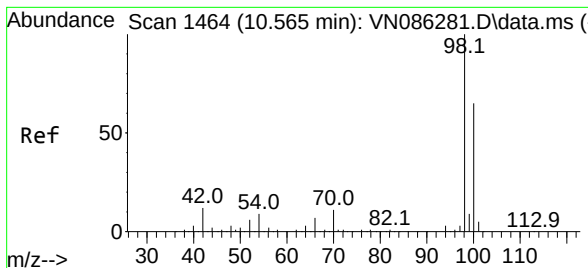
Delta R.T. 0.005 min

Lab File: VN086599.D

Acq: 13 May 2025 14:10

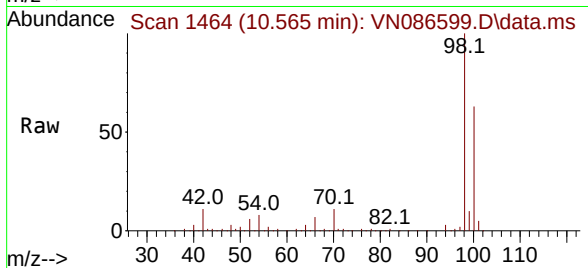
Tgt Ion:	43	Resp:	24209
Ion Ratio	Lower	Upper	
43	100		
61	16.4	20.5	30.7#
87	10.6	10.5	15.7





#50
Toluene-d8
Concen: 51.785 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086599.D
Acq: 13 May 2025 14:10

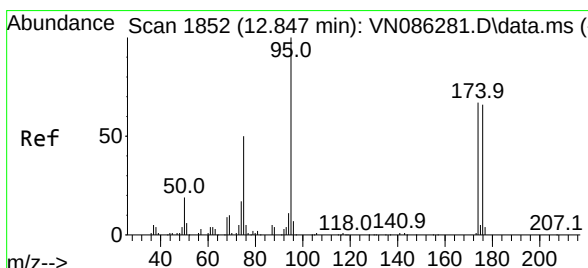
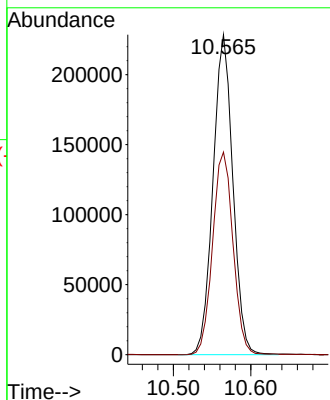
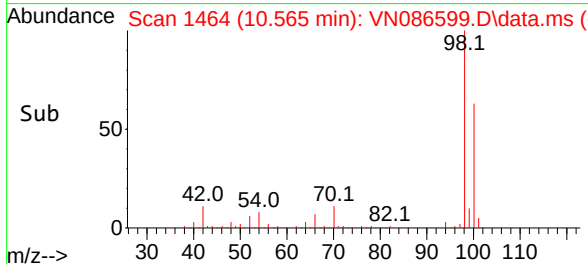
Instrument :
MSVOA_N
ClientSampleId :
PB167932ZHE#18



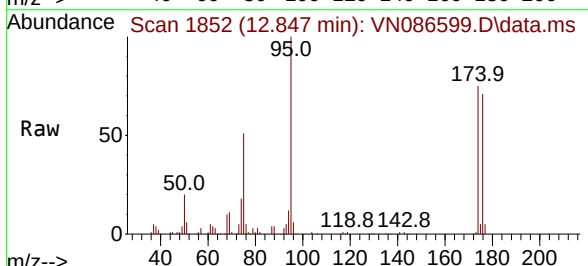
Tgt Ion: 98 Resp: 406362
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7

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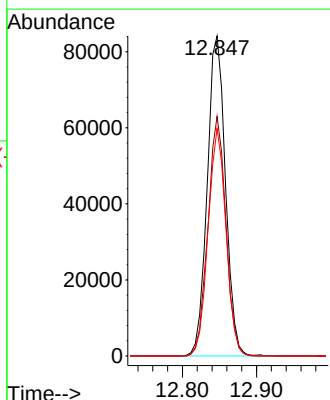
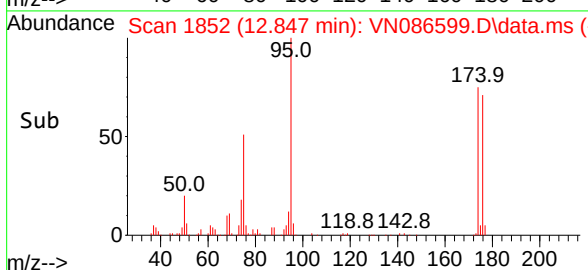
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

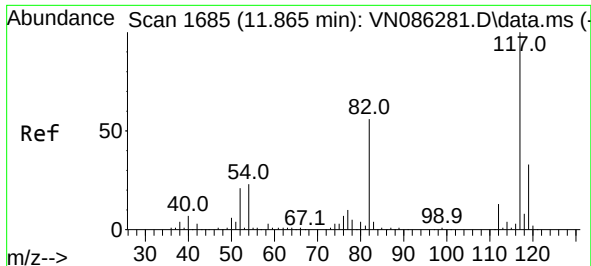


#62
4-Bromofluorobenzene
Concen: 50.170 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086599.D
Acq: 13 May 2025 14:10



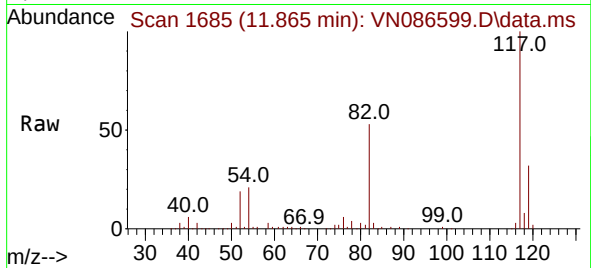
Tgt Ion: 95 Resp: 143596
Ion Ratio Lower Upper
95 100
174 73.7 0.0 133.4
176 69.7 0.0 129.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086599.D
Acq: 13 May 2025 14:10

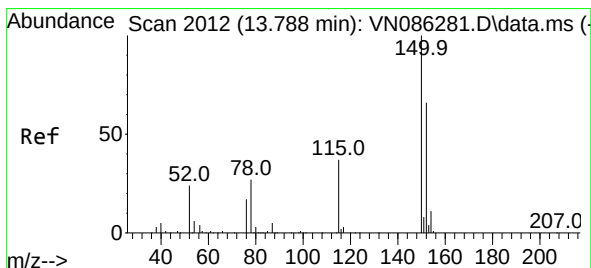
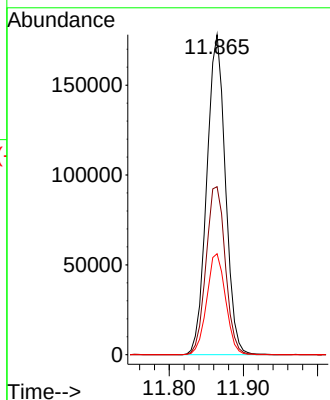
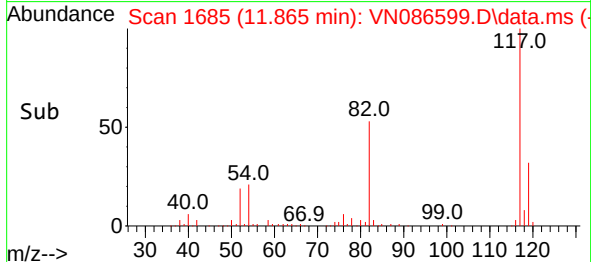
Instrument :
MSVOA_N
ClientSampleId :
PB167932ZHE#18



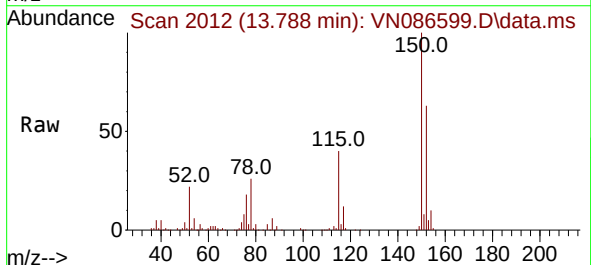
Tgt Ion:117 Resp: 310514
Ion Ratio Lower Upper
117 100
82 52.5 44.7 67.1
119 31.5 26.4 39.6

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: VN086599.D
Acq: 13 May 2025 14:10



Tgt Ion:152 Resp: 128815
Ion Ratio Lower Upper
152 100
115 61.9 31.9 95.9
150 158.0 0.0 352.0

