

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051325\
 Data File : VN086603.D
 Acq On : 13 May 2025 15:47
 Operator : JC\MD
 Sample : PB167964ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167964ZHE#01

Manual Integrations
 APPROVED

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

Quant Time: May 14 01:46:10 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	146802	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	284447	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	276994	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	114167	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	108286	50.868	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 101.740%		
35) Dibromofluoromethane	8.165	113	85584	64.829	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 129.660%#		
50) Toluene-d8	10.565	98	368222	52.189	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 104.380%		
62) 4-Bromofluorobenzene	12.847	95	128578	49.963	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery	= 99.920%		
Target Compounds						Qvalue
16) Acetone	4.430	43	30792	36.974	ug/l	98
18) Methyl Acetate	5.036	43	3961	1.550	ug/l #	89
20) Methylene Chloride	5.277	84	2599	1.321	ug/l #	88
43) Isopropyl Acetate	8.688	43	38995m	6.071	ug/l	

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

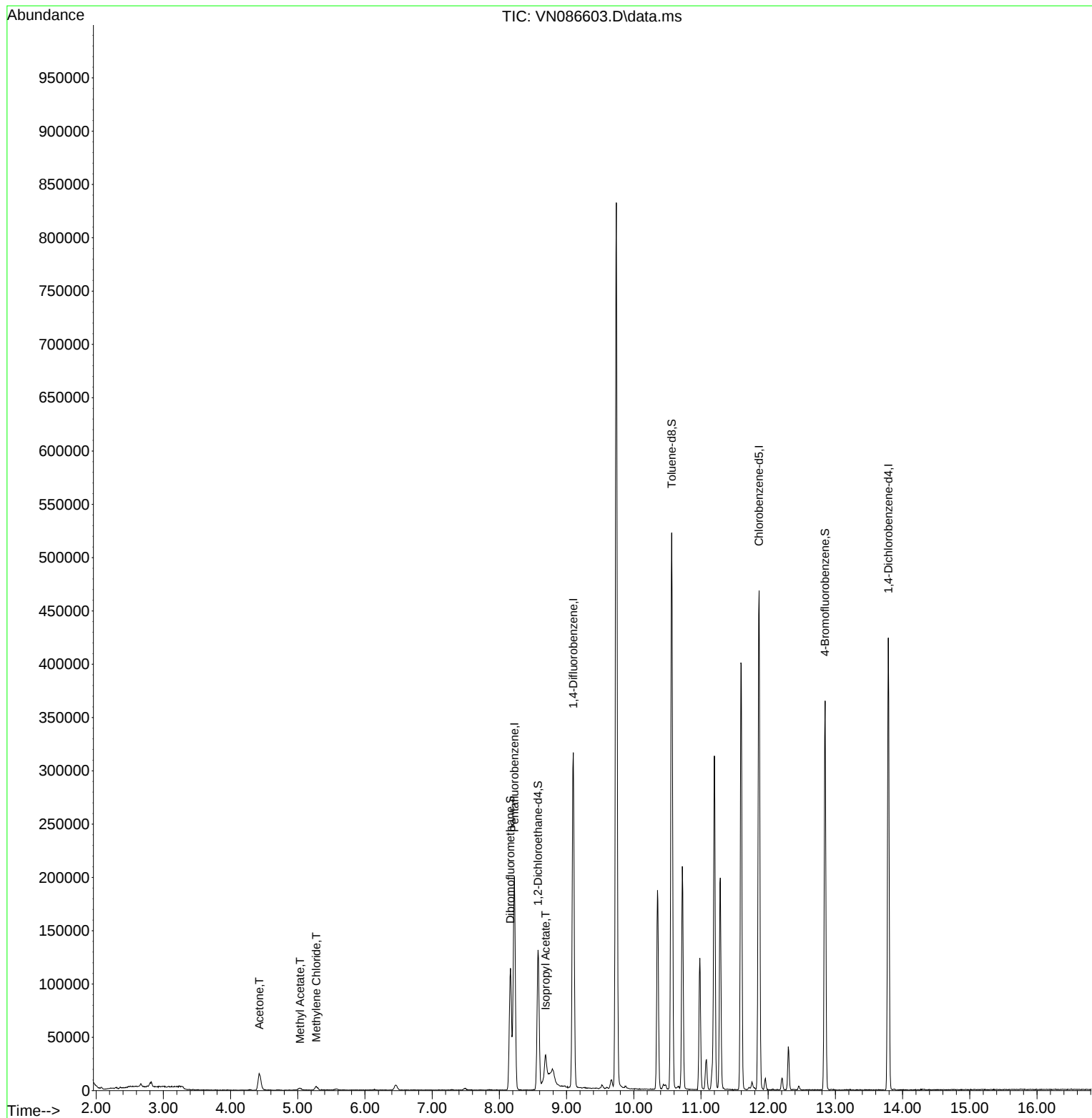
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051325\
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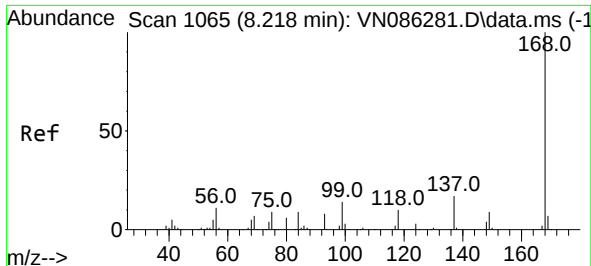
Instrument :
MSVOA_N
ClientSampleId :
PB167964ZHE#01

Quant Time: May 14 01:46:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
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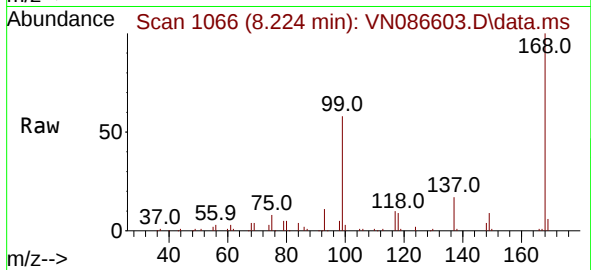
Reviewed By : John Carlone 05/14/2025
Supervised By : Mahesh Dadoda 05/14/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086603.D
Acq: 13 May 2025 15:47

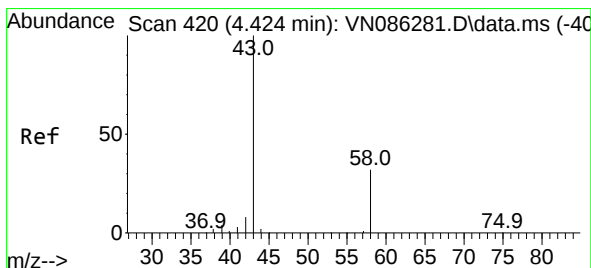
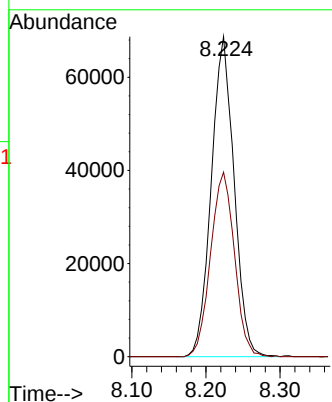
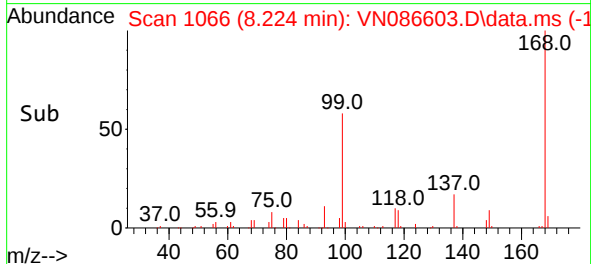
Instrument :
MSVOA_N
ClientSampleId :
PB167964ZHE#01



Tgt Ion:168 Resp: 146802
Ion Ratio Lower Upper
168 100
99 57.7 52.5 78.7

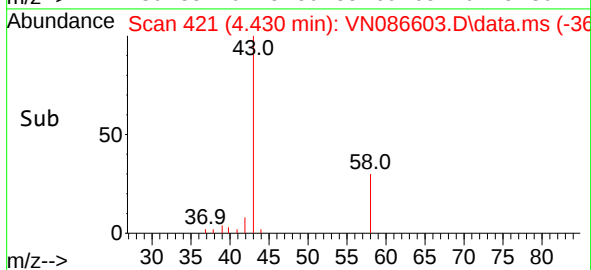
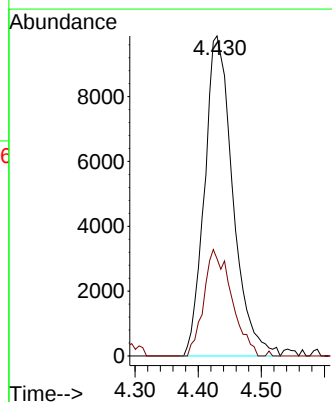
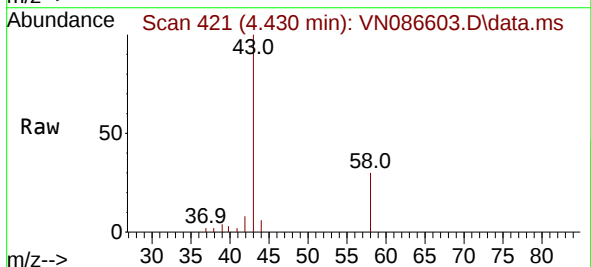
Manual Integrations
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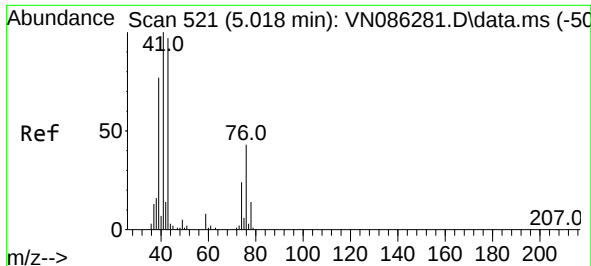
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#16
Acetone
Concen: 36.974 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086603.D
Acq: 13 May 2025 15:47

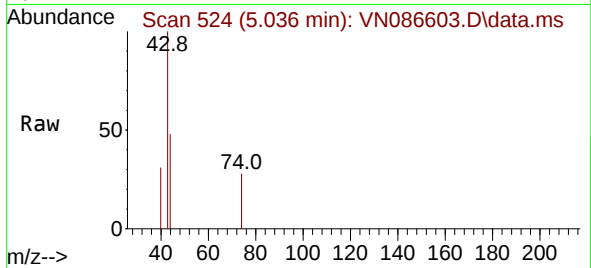
Tgt Ion: 43 Resp: 30792
Ion Ratio Lower Upper
43 100
58 30.4 25.3 37.9





#18
Methyl Acetate
Concen: 1.550 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN086603.D
Acq: 13 May 2025 15:47

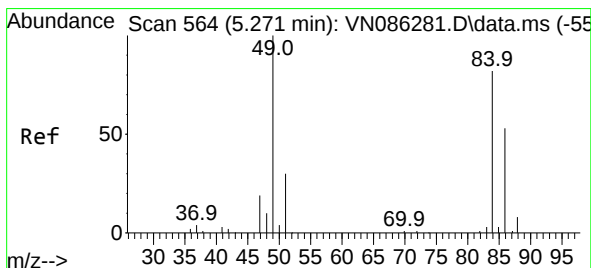
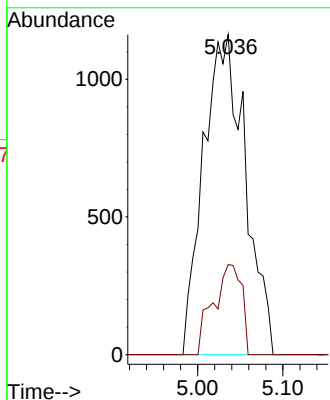
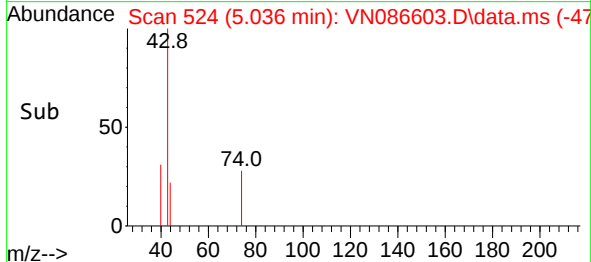
Instrument :
MSVOA_N
ClientSampleId :
PB167964ZHE#01



Tgt Ion: 43 Resp: 396
Ion Ratio Lower Upper
43 100
74 19.1 19.8 29.6

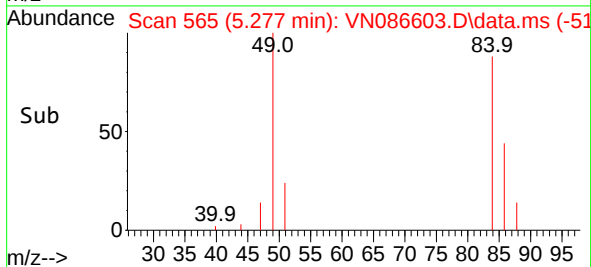
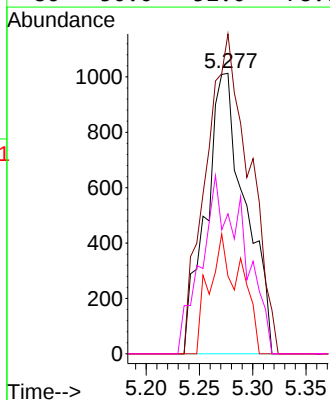
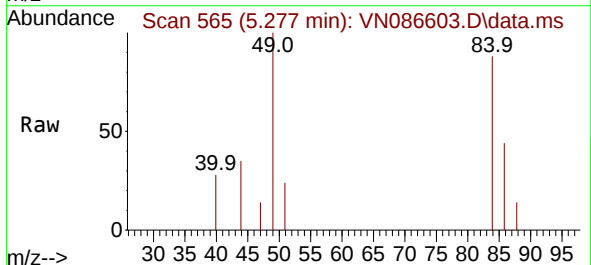
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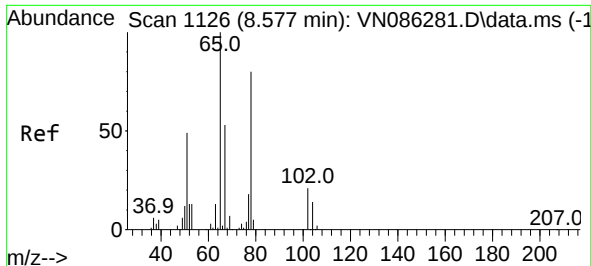
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#20
Methylene Chloride
Concen: 1.321 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086603.D
Acq: 13 May 2025 15:47

Tgt Ion: 84 Resp: 2599
Ion Ratio Lower Upper
84 100
49 114.0 98.2 147.2
51 27.7 29.8 44.6#
86 50.0 52.0 78.0#





#33

1,2-Dichloroethane-d4

Concen: 50.868 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086603.D

Acq: 13 May 2025 15:47

Instrument :

MSVOA_N

ClientSampleId :

PB167964ZHE#01

Tgt Ion: 65 Resp: 108280

Ion Ratio Lower Upper

65 100

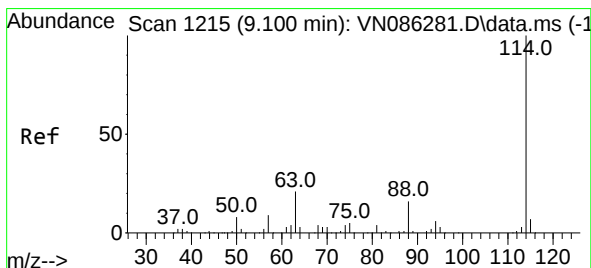
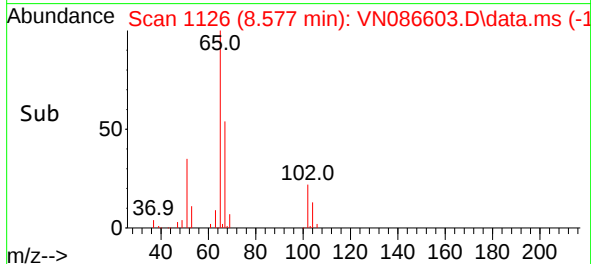
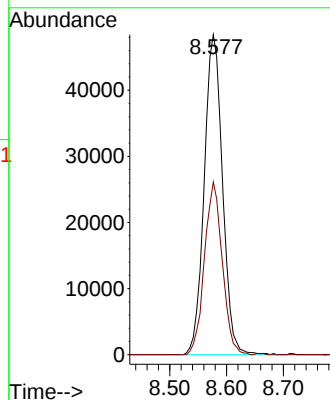
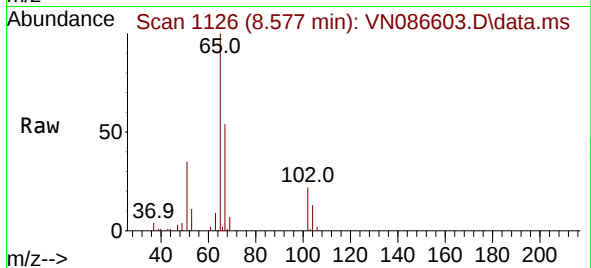
67 52.5 0.0 106.0

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: VN086603.D

Acq: 13 May 2025 15:47

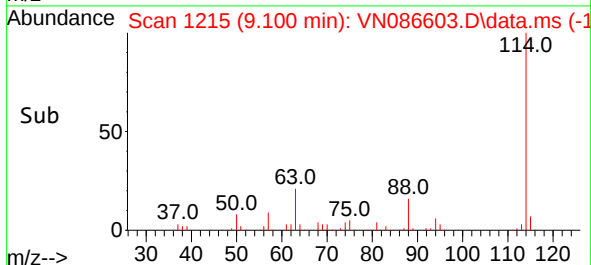
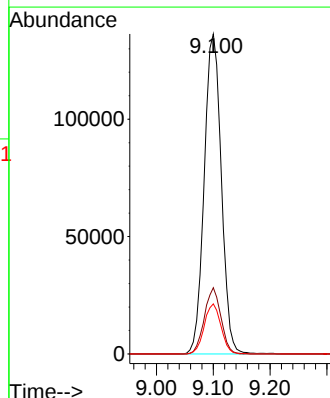
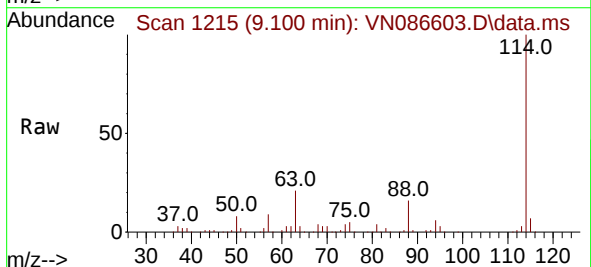
Tgt Ion:114 Resp: 284447

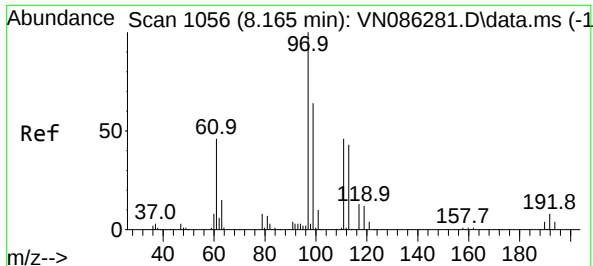
Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.6

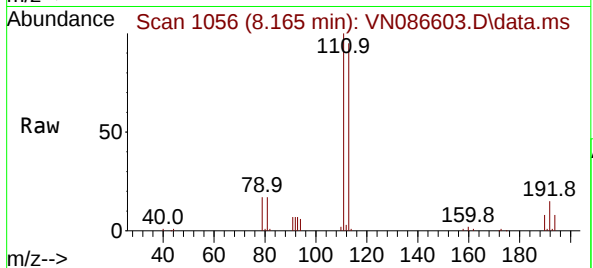
88 15.6 0.0 31.8





#35
Dibromofluoromethane
Concen: 64.829 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086603.D
Acq: 13 May 2025 15:47

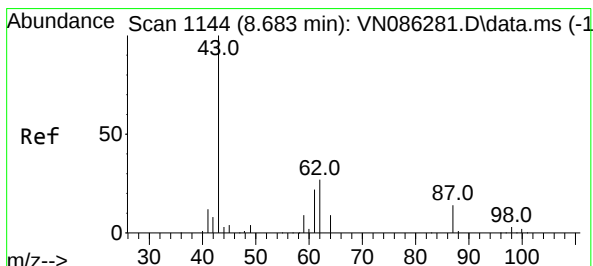
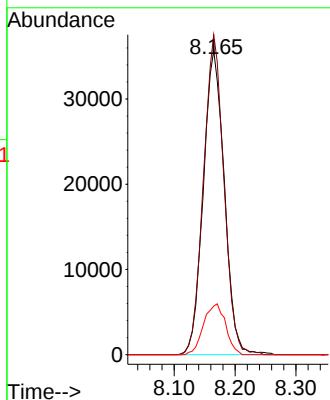
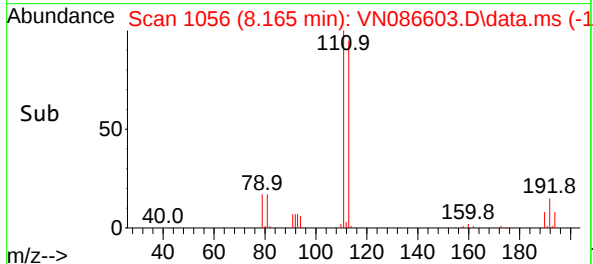
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ClientSampleId :
PB167964ZHE#01



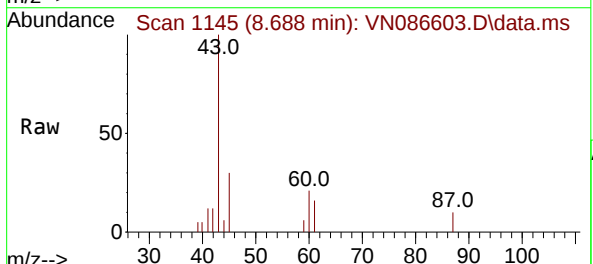
Tgt Ion: 113 Resp: 85584
Ion Ratio Lower Upper
113 100
111 101.9 83.4 125.0
192 17.5 13.7 20.5

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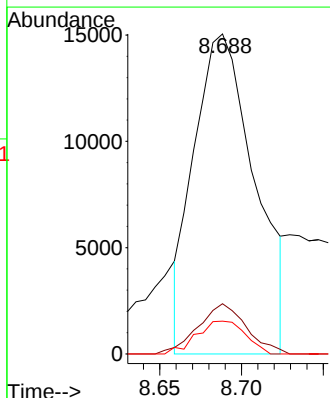
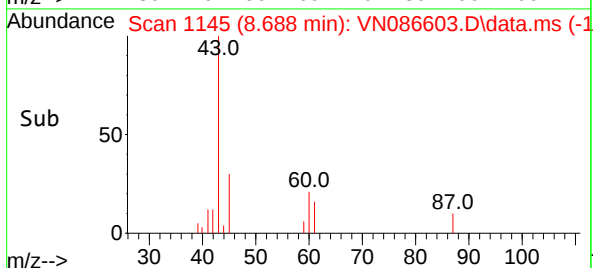
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

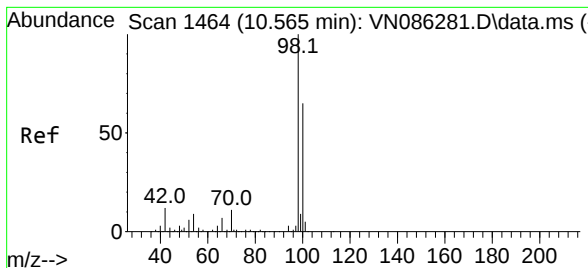


#43
Isopropyl Acetate
Concen: 6.071 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN086603.D
Acq: 13 May 2025 15:47



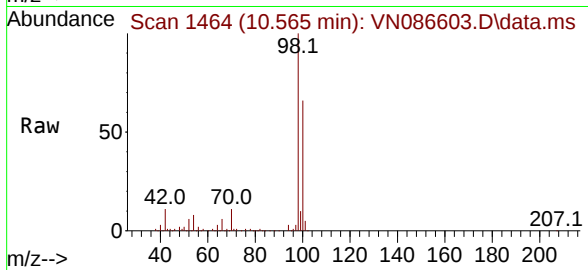
Tgt Ion: 43 Resp: 38995
Ion Ratio Lower Upper
43 100
61 12.5 20.5 30.7#
87 8.2 10.5 15.7#





#50
Toluene-d8
Concen: 52.189 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086603.D
Acq: 13 May 2025 15:47

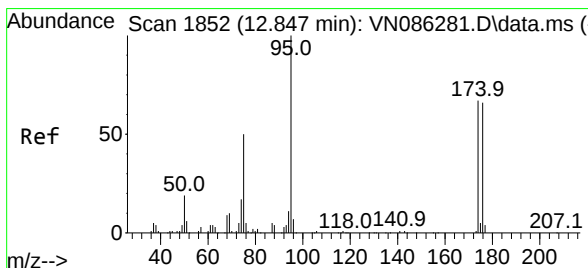
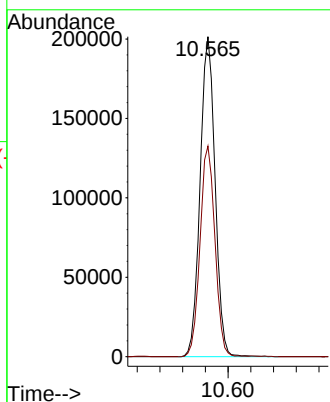
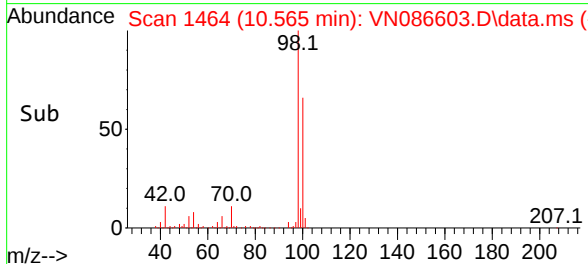
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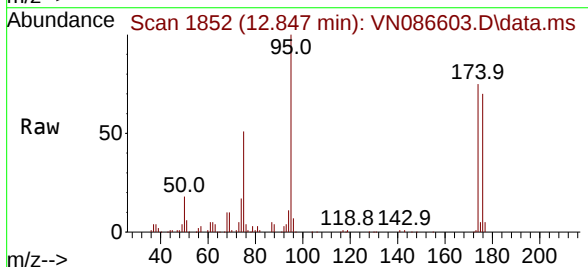
Tgt Ion: 98 Resp: 36822
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7

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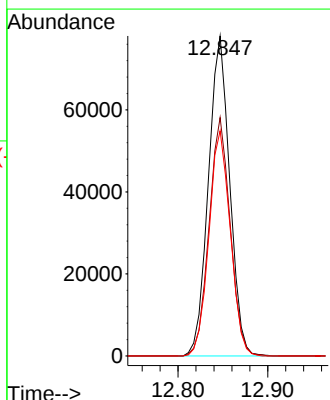
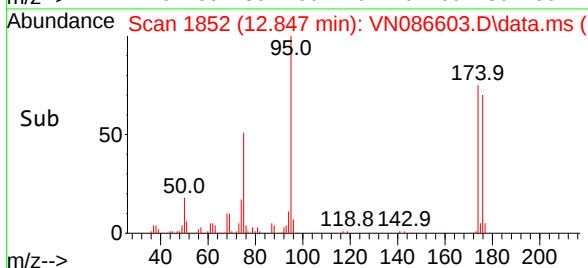
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

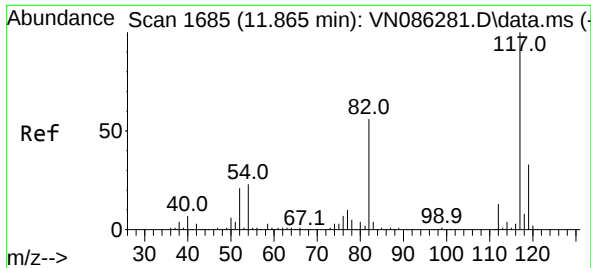


#62
4-Bromofluorobenzene
Concen: 49.963 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086603.D
Acq: 13 May 2025 15:47



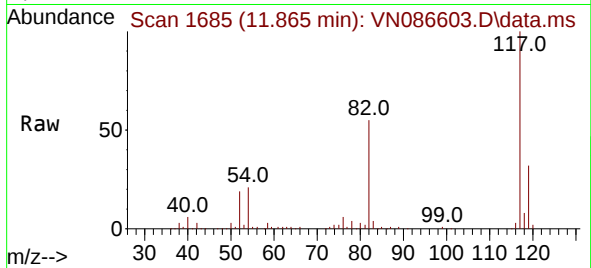
Tgt Ion: 95 Resp: 128578
Ion Ratio Lower Upper
95 100
174 74.0 0.0 133.4
176 70.4 0.0 129.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086603.D
Acq: 13 May 2025 15:47

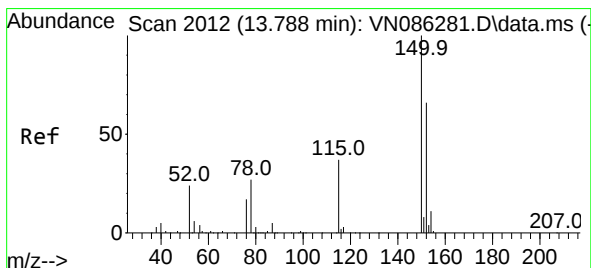
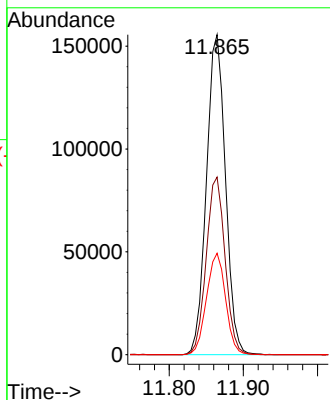
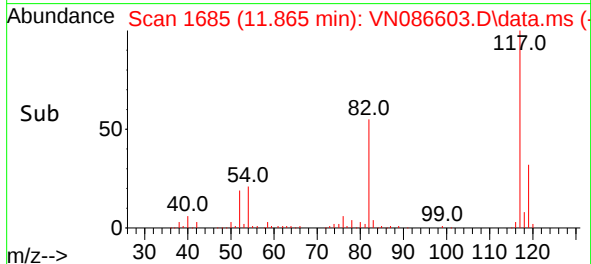
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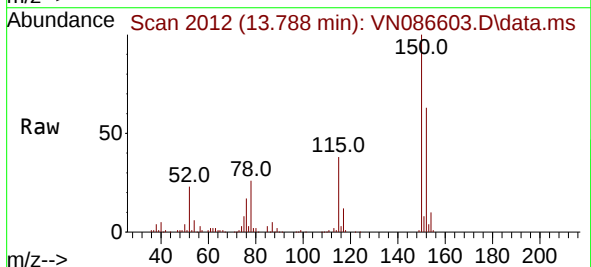
Tgt Ion:117 Resp: 276994
Ion Ratio Lower Upper
117 100
82 55.5 44.7 67.1
119 31.7 26.4 39.6

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: VN086603.D
Acq: 13 May 2025 15:47



Tgt Ion:152 Resp: 114167
Ion Ratio Lower Upper
152 100
115 60.3 31.9 95.9
150 158.8 0.0 352.0

