

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051325\
 Data File : VN086613.D
 Acq On : 13 May 2025 19:50
 Operator : JC\MD
 Sample : PB167964ZHE#11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167964ZHE#11

Manual Integrations
 APPROVED

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

Quant Time: May 14 01:50:51 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	152681	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	291982	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	293471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	119797	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	111005	50.138	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.280%			
35) Dibromofluoromethane	8.165	113	88766	65.504	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 131.000%#			
50) Toluene-d8	10.565	98	385566	53.237	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.480%			
62) 4-Bromofluorobenzene	12.847	95	136408	51.638	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.280%			
Target Compounds						
16) Acetone	4.430	43	31500	36.272	ug/l	98
18) Methyl Acetate	5.041	43	3735	1.405	ug/l #	81
20) Methylene Chloride	5.283	84	3329m	1.626	ug/l	
43) Isopropyl Acetate	8.688	43	33827m	4.836	ug/l	

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

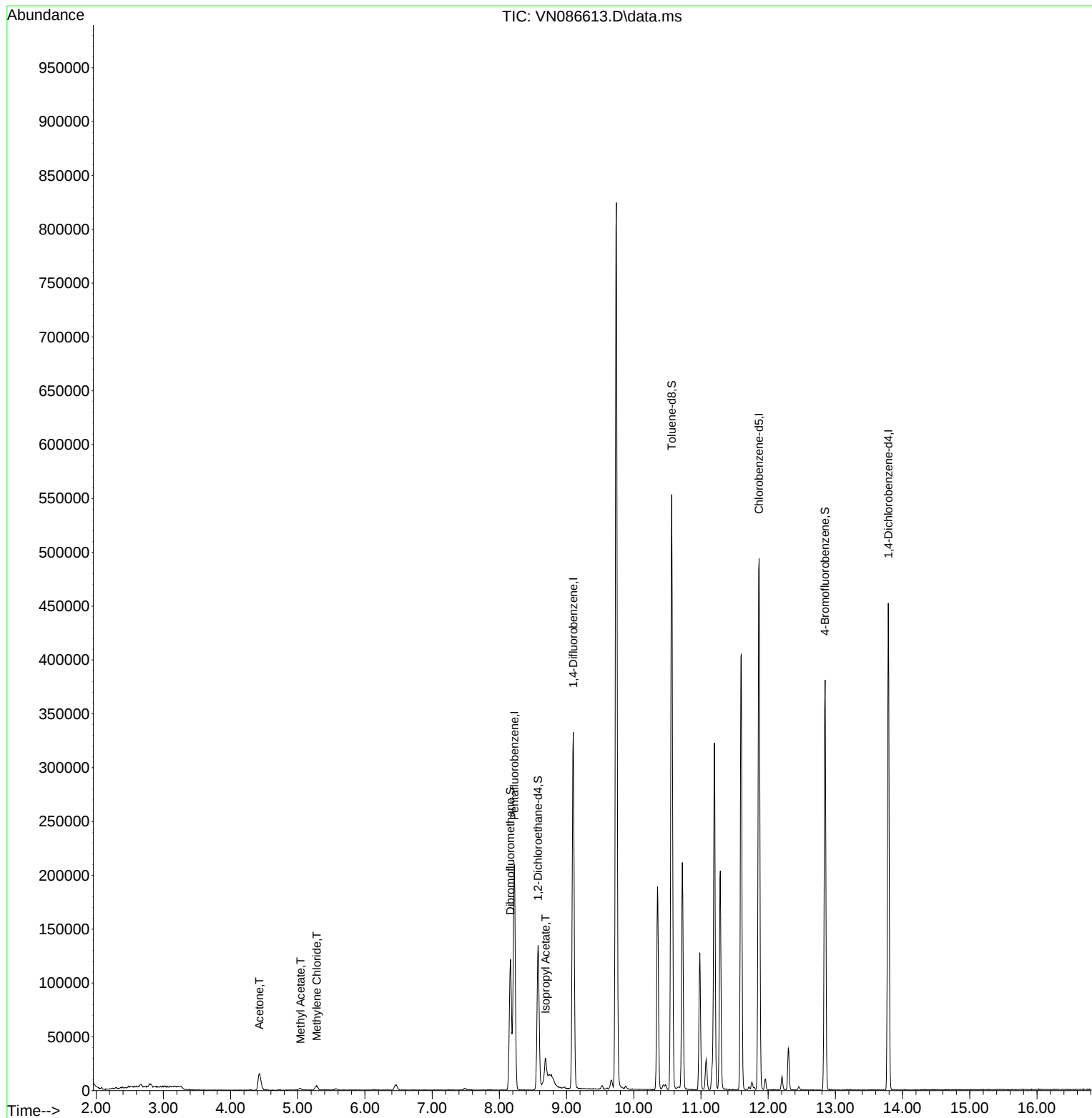
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051325\
Data File : VN086613.D
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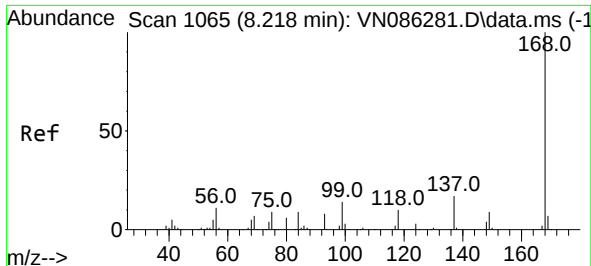
Instrument :
MSVOA_N
ClientSampleId :
PB167964ZHE#11

Quant Time: May 14 01:50:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
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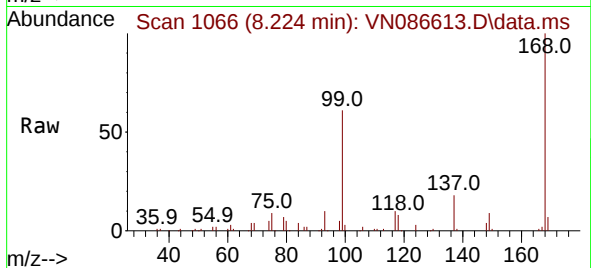
Reviewed By : John Carlone 05/14/2025
Supervised By : Mahesh Dadoda 05/14/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086613.D
Acq: 13 May 2025 19:50

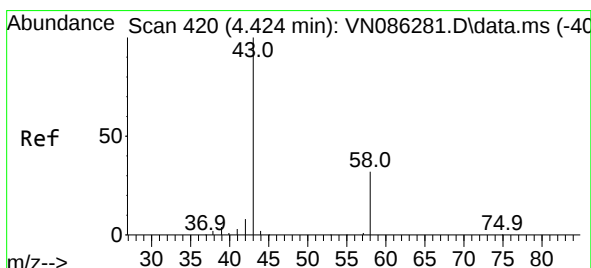
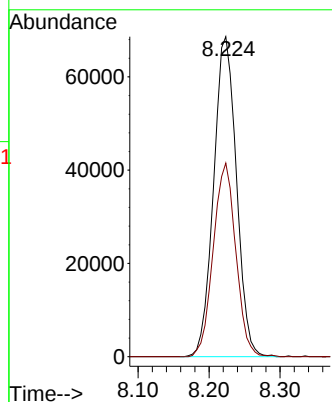
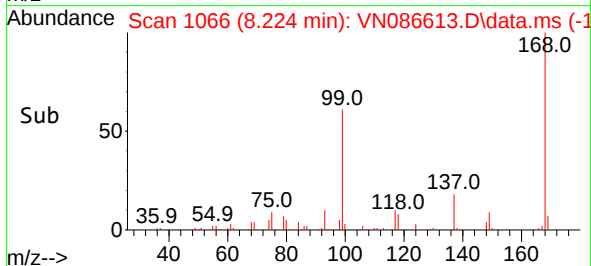
Instrument :
MSVOA_N
ClientSampleId :
PB167964ZHE#11



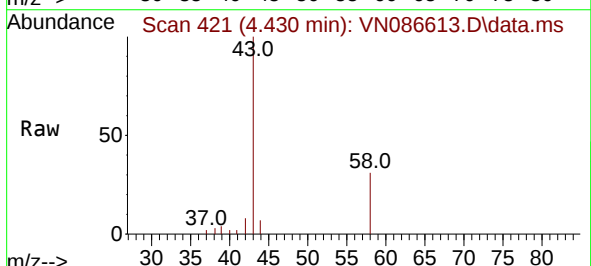
Tgt Ion:168 Resp: 15268
Ion Ratio Lower Upper
168 100
99 60.5 52.5 78.7

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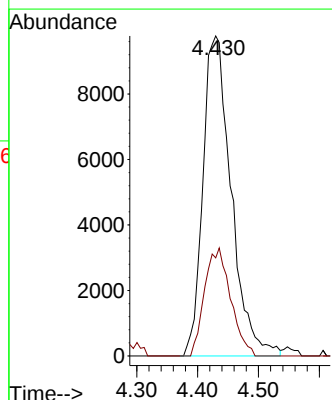
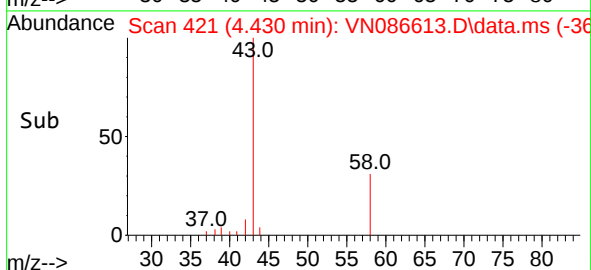
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

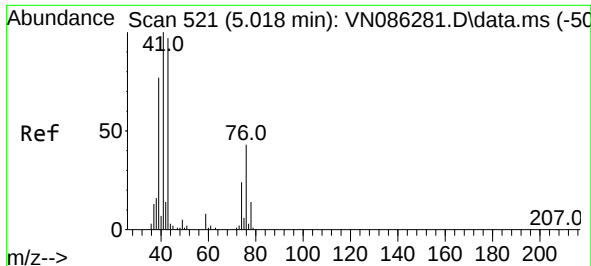


#16
Acetone
Concen: 36.272 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086613.D
Acq: 13 May 2025 19:50



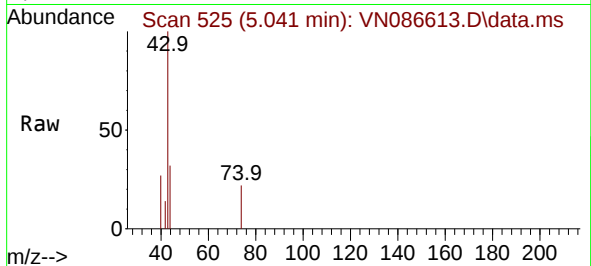
Tgt Ion: 43 Resp: 31500
Ion Ratio Lower Upper
43 100
58 30.6 25.3 37.9





#18
Methyl Acetate
Concen: 1.405 ug/l
RT: 5.041 min Scan# 518
Delta R.T. 0.023 min
Lab File: VN086613.D
Acq: 13 May 2025 19:50

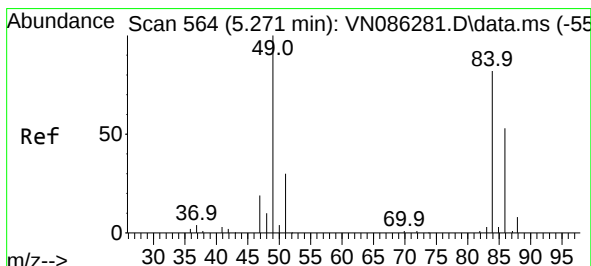
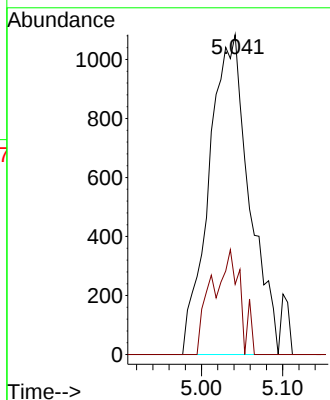
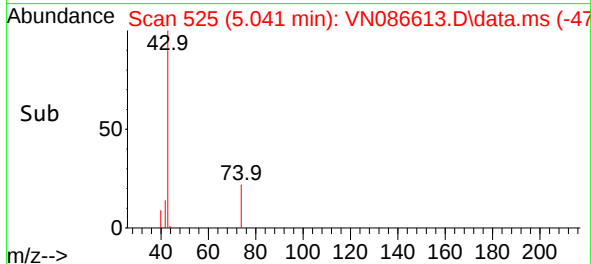
Instrument :
MSVOA_N
ClientSampleId :
PB167964ZHE#11



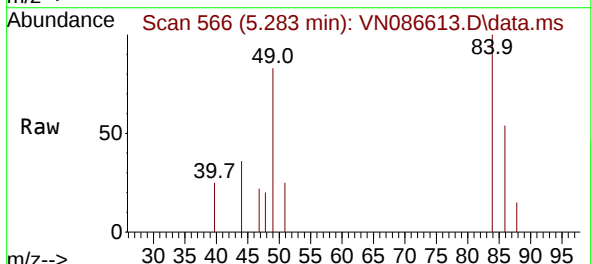
Tgt Ion: 43 Resp: 3738
Ion Ratio Lower Upper
43 100
74 15.1 19.8 29.6

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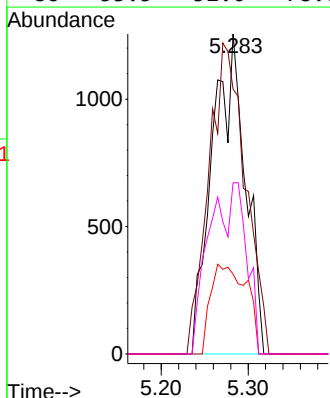
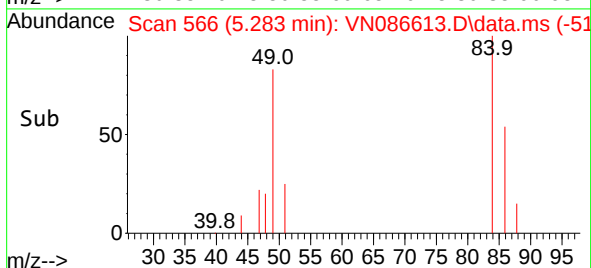
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

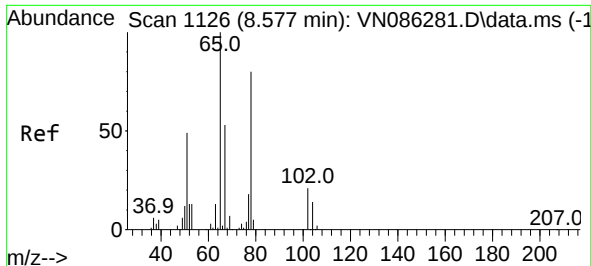


#20
Methylene Chloride
Concen: 1.626 ug/l m
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN086613.D
Acq: 13 May 2025 19:50



Tgt Ion: 84 Resp: 3329
Ion Ratio Lower Upper
84 100
49 82.7 98.2 147.2#
51 24.9 29.8 44.6#
86 53.5 52.0 78.0





#33

1,2-Dichloroethane-d4

Concen: 50.138 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086613.D

Acq: 13 May 2025 19:50

Instrument :

MSVOA_N

ClientSampleId :

PB167964ZHE#11

Tgt Ion: 65 Resp: 11100

Ion Ratio Lower Upper

65 100

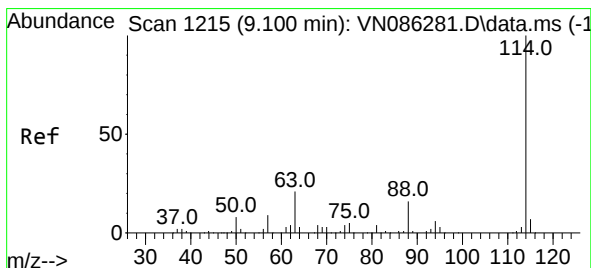
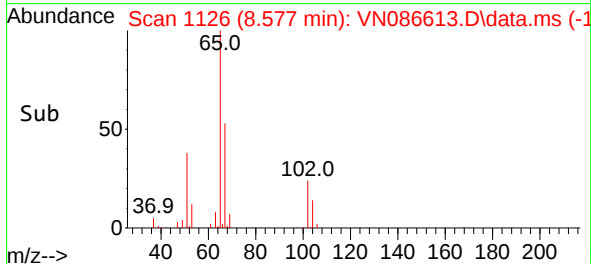
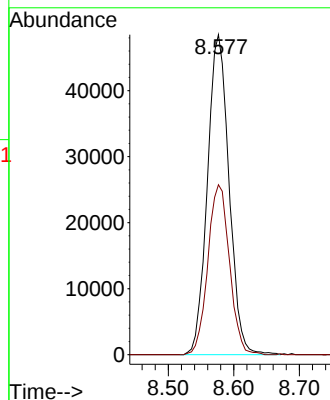
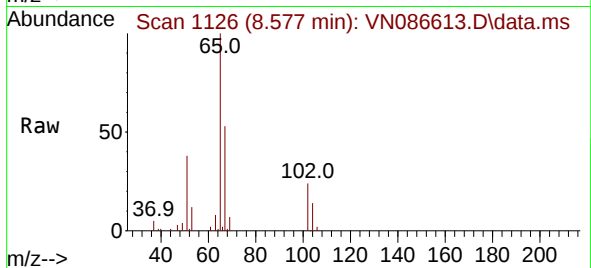
67 53.1 0.0 106.0

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: VN086613.D

Acq: 13 May 2025 19:50

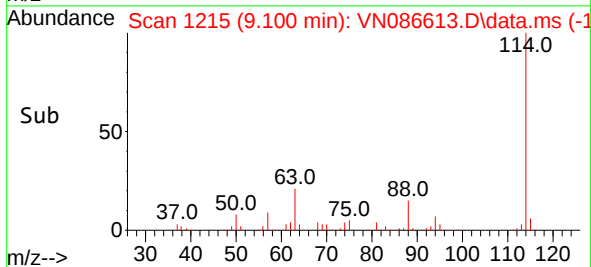
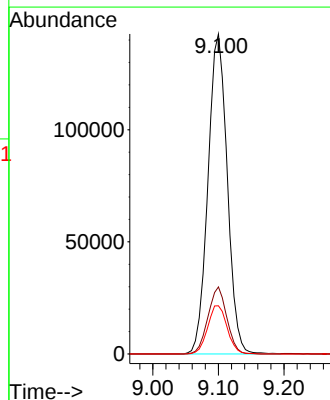
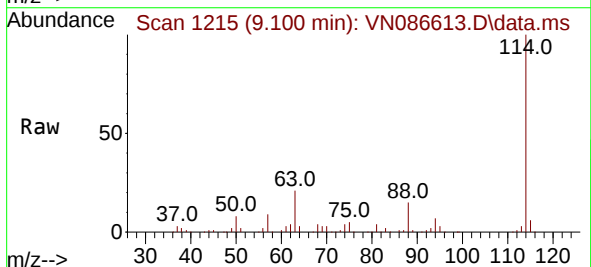
Tgt Ion:114 Resp: 291982

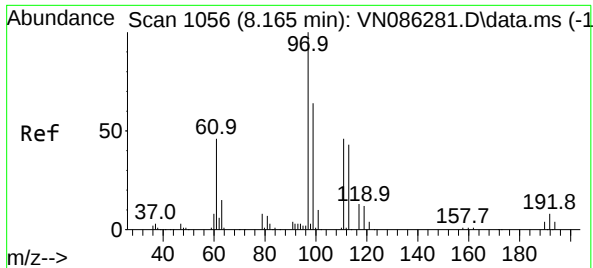
Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.6

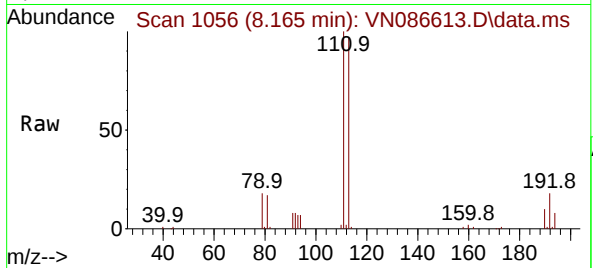
88 15.0 0.0 31.8





#35
Dibromofluoromethane
Concen: 65.504 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086613.D
Acq: 13 May 2025 19:50

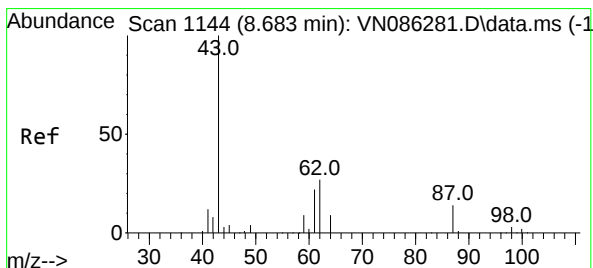
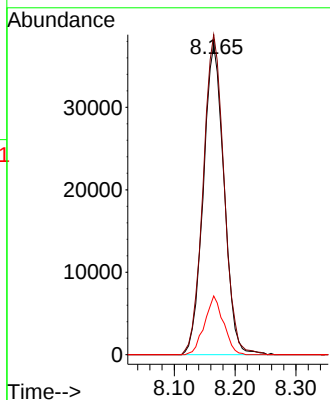
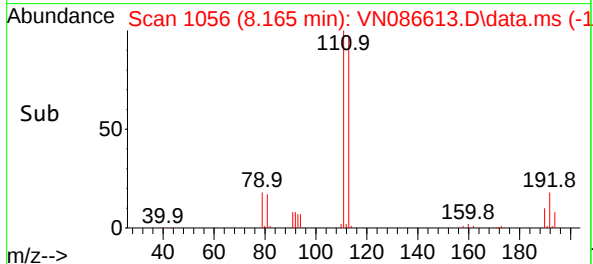
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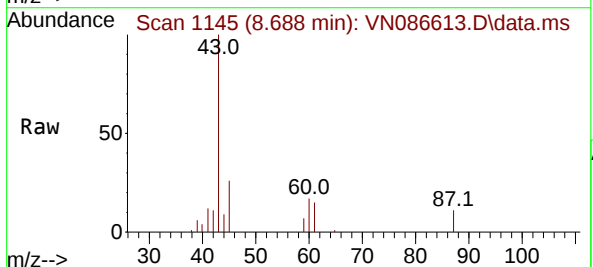
Tgt Ion: 113 Resp: 88760
Ion Ratio Lower Upper
113 100
111 103.9 83.4 125.0
192 17.3 13.7 20.5

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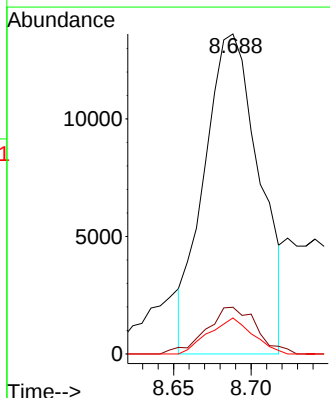
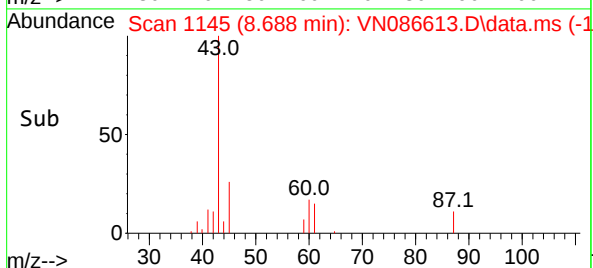
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

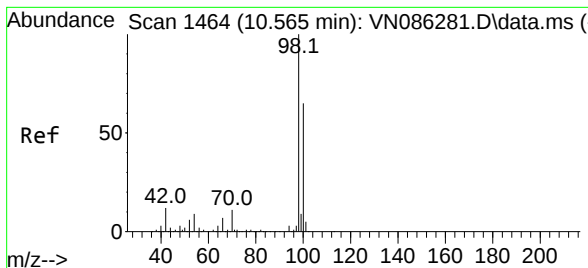


#43
Isopropyl Acetate
Concen: 4.836 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN086613.D
Acq: 13 May 2025 19:50



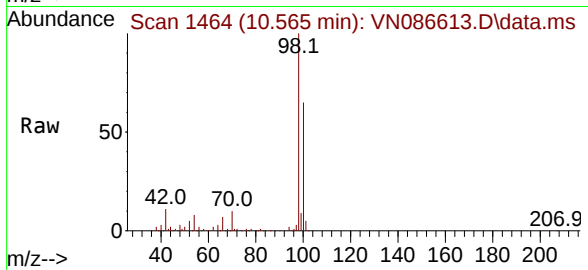
Tgt Ion: 43 Resp: 33827
Ion Ratio Lower Upper
43 100
61 13.3 20.5 30.7#
87 8.9 10.5 15.7#





#50
Toluene-d8
Concen: 53.237 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086613.D
Acq: 13 May 2025 19:50

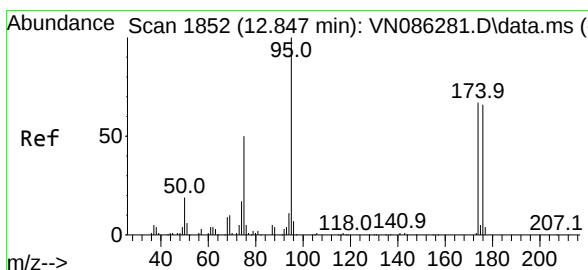
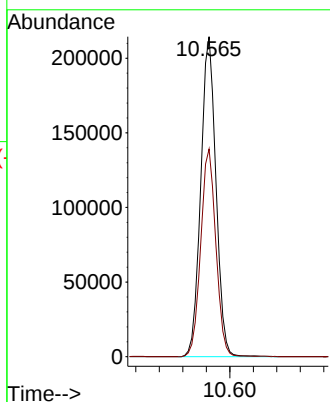
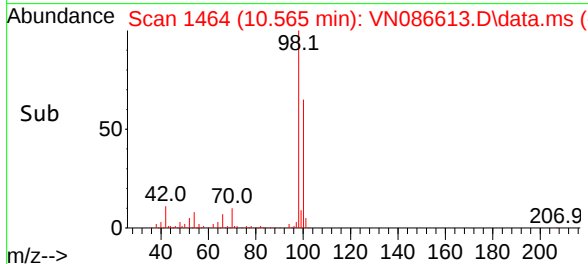
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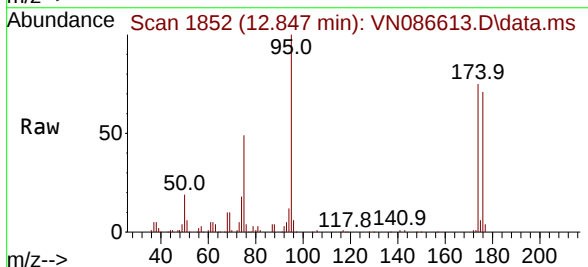
Tgt Ion: 98 Resp: 385560
Ion Ratio Lower Upper
98 100
100 64.7 52.5 78.7

Manual Integrations
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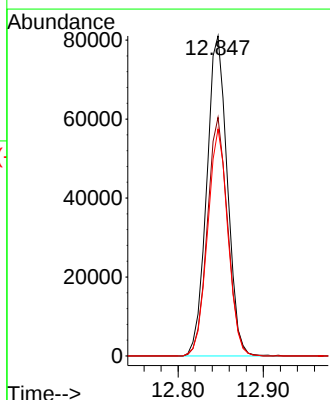
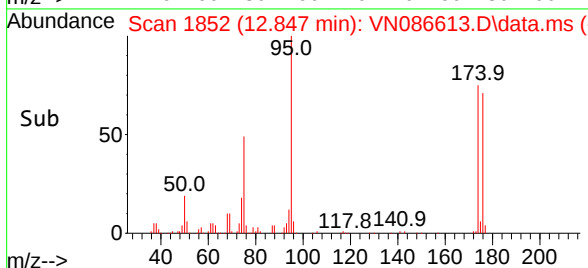
Reviewed By :John Carlone 05/14/2025
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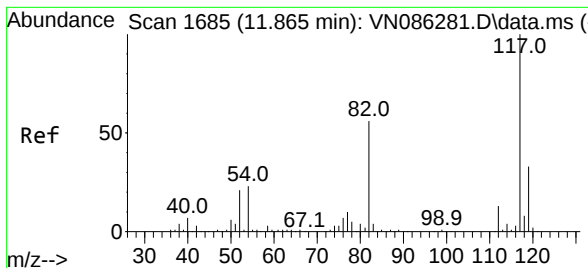


#62
4-Bromofluorobenzene
Concen: 51.638 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086613.D
Acq: 13 May 2025 19:50



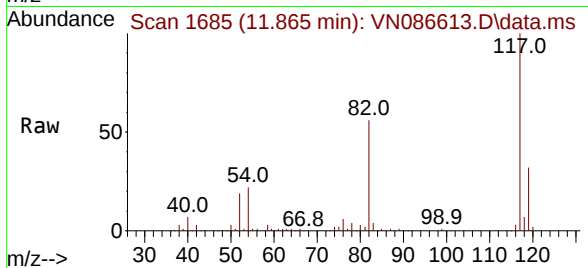
Tgt Ion: 95 Resp: 136408
Ion Ratio Lower Upper
95 100
174 73.7 0.0 133.4
176 70.0 0.0 129.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086613.D
Acq: 13 May 2025 19:50

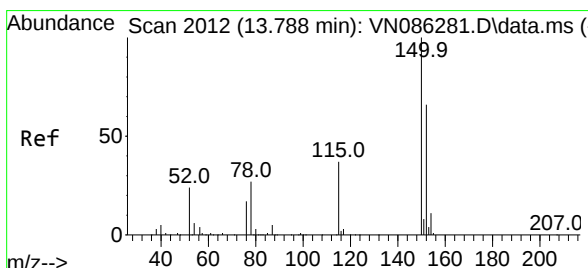
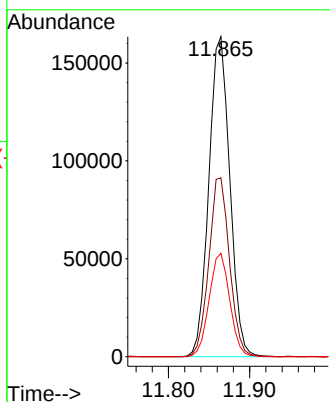
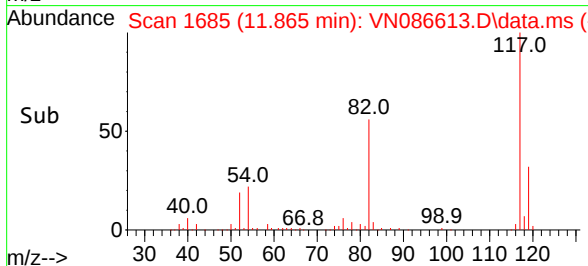
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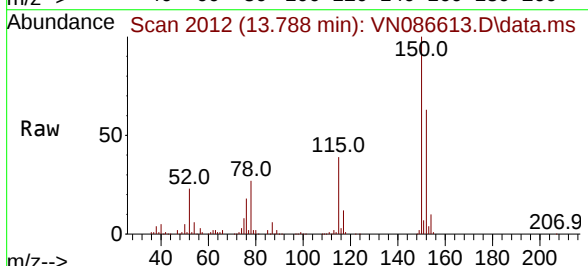
Tgt Ion:117 Resp: 29347
Ion Ratio Lower Upper
117 100
82 55.9 44.7 67.1
119 32.3 26.4 39.6

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: VN086613.D
Acq: 13 May 2025 19:50



Tgt Ion:152 Resp: 119797
Ion Ratio Lower Upper
152 100
115 61.8 31.9 95.9
150 159.1 0.0 352.0

