

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050825\
 Data File : VN086550.D
 Acq On : 08 May 2025 17:01
 Operator : JC\MD
 Sample : PB167895ZHE#08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167895ZHE#08

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/09/2025
 Supervised By : Mahesh Dadoda 05/09/2025

Quant Time: May 09 01:55:07 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	191921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	355838	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	338389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	143123	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	131500	47.251	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.500%		
35) Dibromofluoromethane	8.165	113	100367	60.774	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	121.540%		
50) Toluene-d8	10.565	98	449375	50.913	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.820%		
62) 4-Bromofluorobenzene	12.847	95	158082	49.104	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.200%		
Target Compounds					Qvalue	
16) Acetone	4.436	43	31754	27.932	ug/l	98
20) Methylene Chloride	5.271	84	4843	1.882	ug/l #	82
43) Isopropyl Acetate	8.682	43	37424m	4.216	ug/l	

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

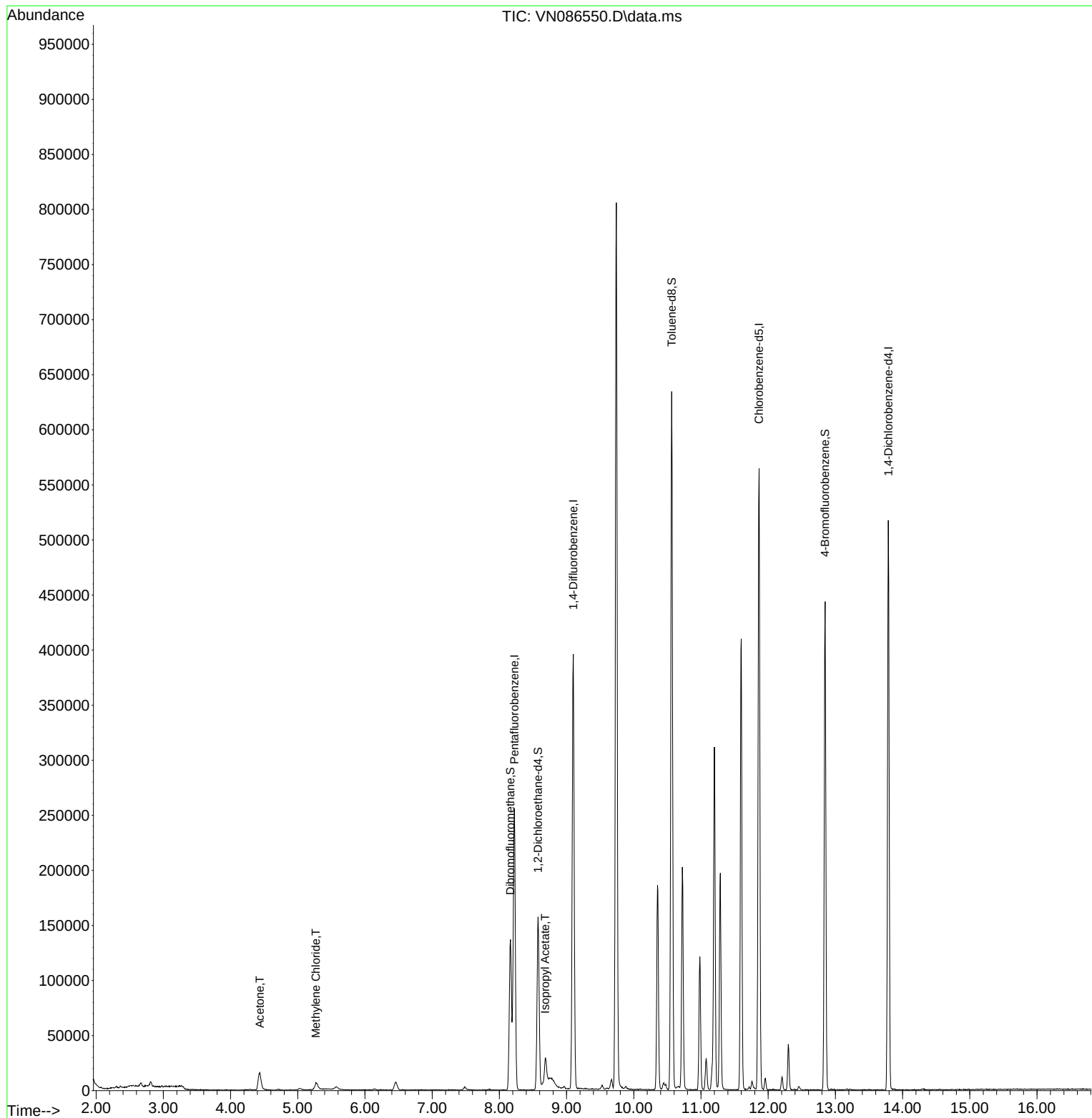
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050825\
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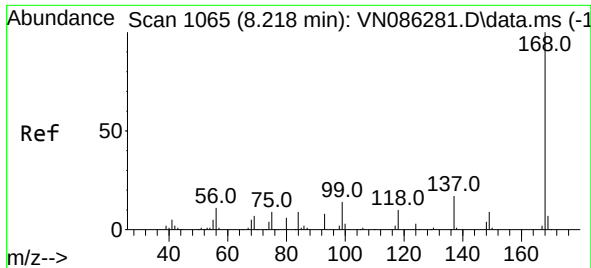
Instrument :
MSVOA_N
ClientSampleId :
PB167895ZHE#08

Quant Time: May 09 01:55:07 2025
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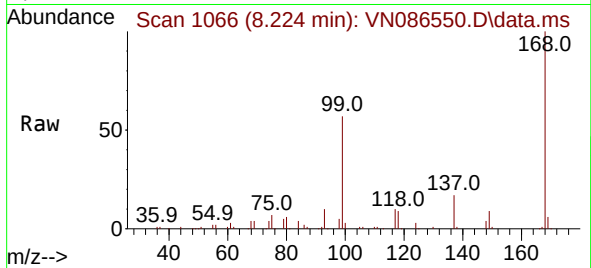
Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086550.D
Acq: 08 May 2025 17:01

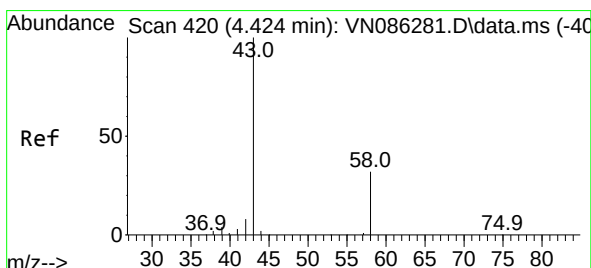
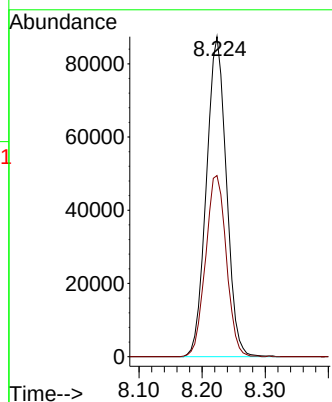
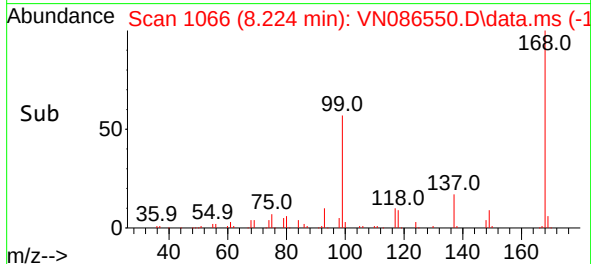
Instrument :
MSVOA_N
ClientSampleId :
PB167895ZHE#08



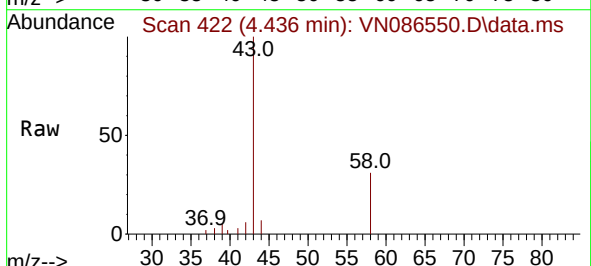
Tgt Ion:168 Resp: 19192
Ion Ratio Lower Upper
168 100
99 56.6 52.5 78.7

Manual Integrations
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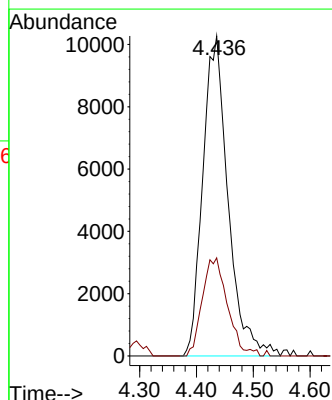
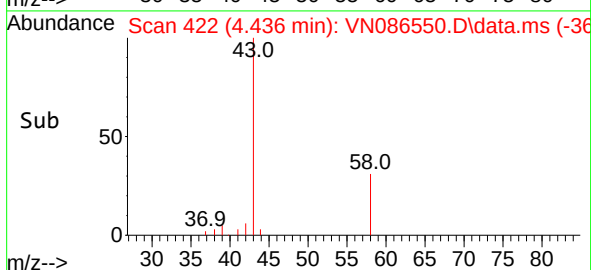
Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025

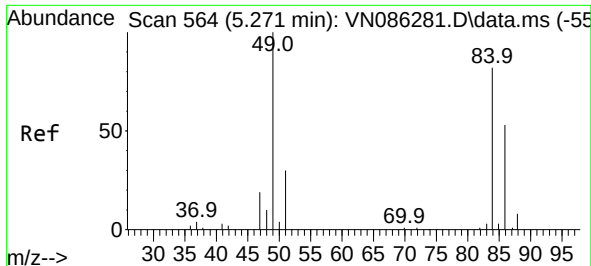


#16
Acetone
Concen: 27.932 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN086550.D
Acq: 08 May 2025 17:01



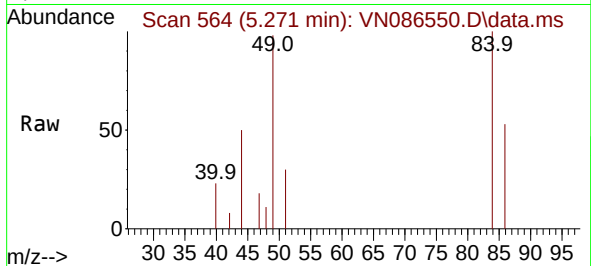
Tgt Ion: 43 Resp: 31754
Ion Ratio Lower Upper
43 100
58 30.6 25.3 37.9





#20
Methylene Chloride
Concen: 1.882 ug/l
RT: 5.271 min Scan# 50
Delta R.T. -0.000 min
Lab File: VN086550.D
Acq: 08 May 2025 17:01

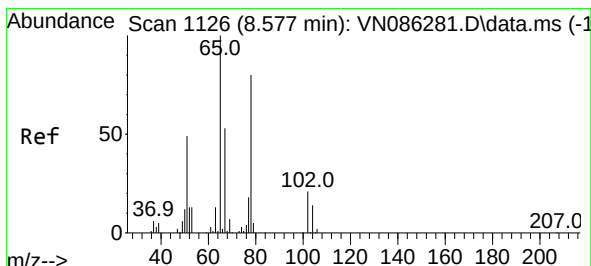
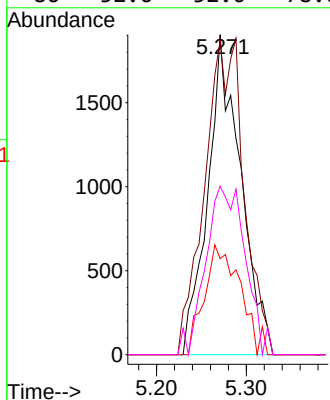
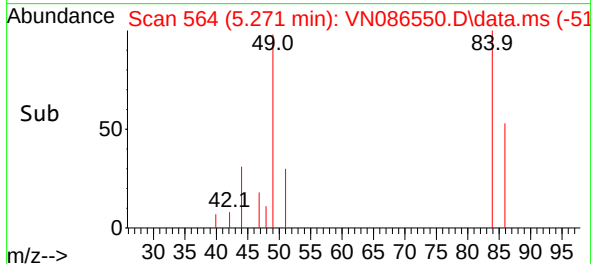
Instrument :
MSVOA_N
ClientSampleId :
PB167895ZHE#08



Tgt Ion: 84 Resp: 484
Ion Ratio Lower Upper
84 100
49 98.1 98.2 147.2
51 30.0 29.8 44.6
86 52.6 52.0 78.0

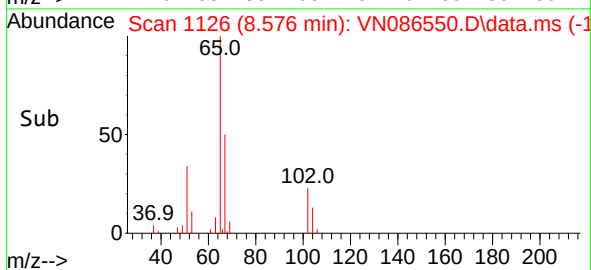
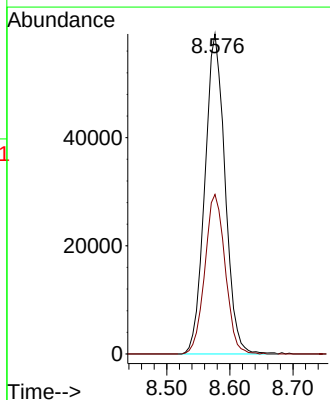
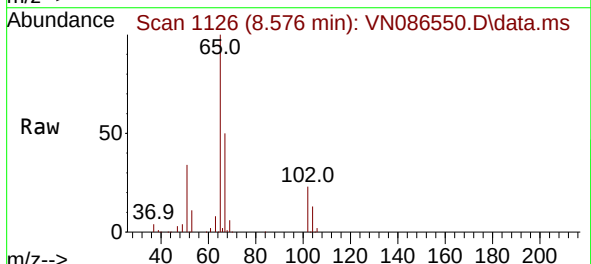
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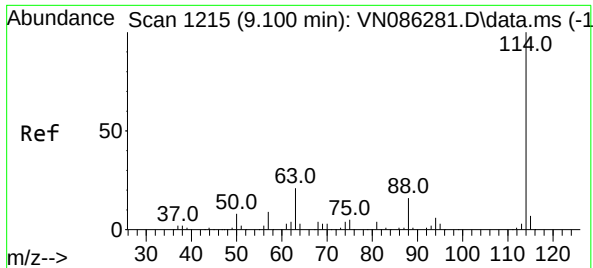
Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025



#33
1,2-Dichloroethane-d4
Concen: 47.251 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086550.D
Acq: 08 May 2025 17:01

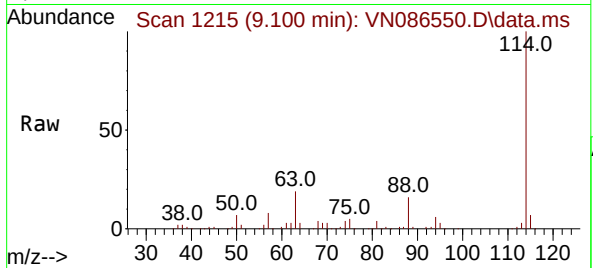
Tgt Ion: 65 Resp: 131500
Ion Ratio Lower Upper
65 100
67 50.2 0.0 106.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086550.D
Acq: 08 May 2025 17:01

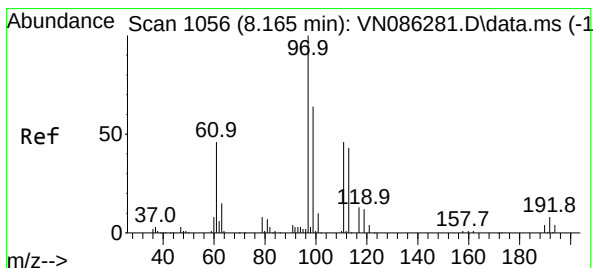
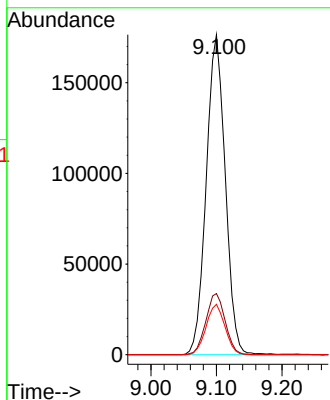
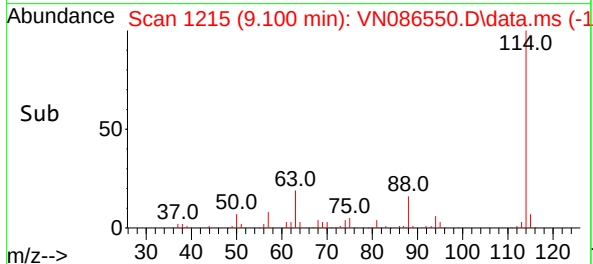
Instrument :
MSVOA_N
ClientSampleId :
PB167895ZHE#08



Tgt Ion:114 Resp: 355838
Ion Ratio Lower Upper
114 100
63 19.1 0.0 42.6
88 15.8 0.0 31.8

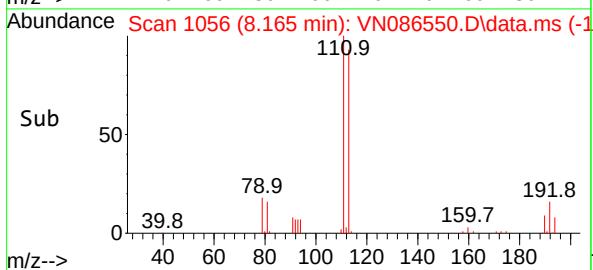
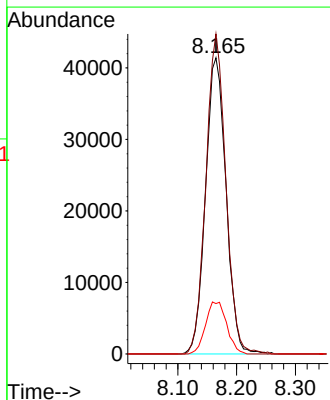
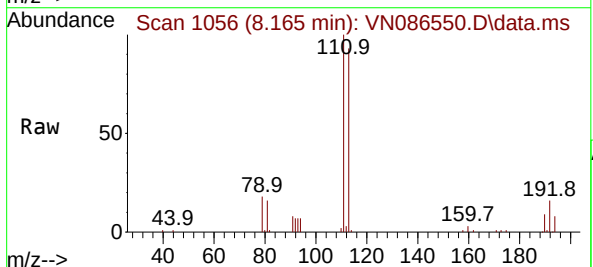
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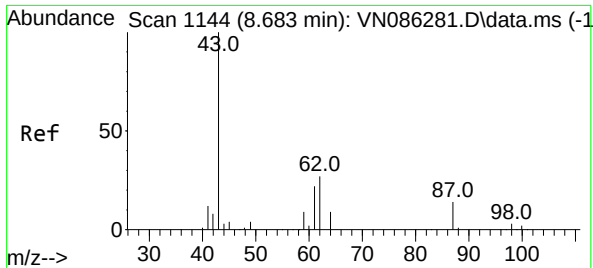
Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025



#35
Dibromofluoromethane
Concen: 60.774 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086550.D
Acq: 08 May 2025 17:01

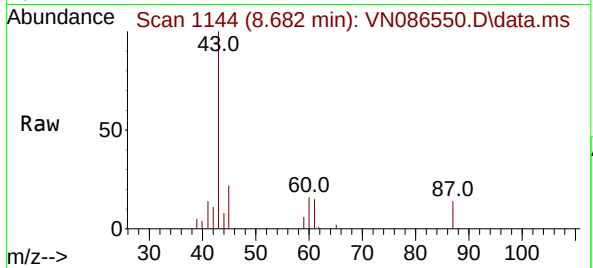
Tgt Ion:113 Resp: 100367
Ion Ratio Lower Upper
113 100
111 105.0 83.4 125.0
192 18.1 13.7 20.5





#43
Isopropyl Acetate
Concen: 4.216 ug/l m
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN086550.D
Acq: 08 May 2025 17:01

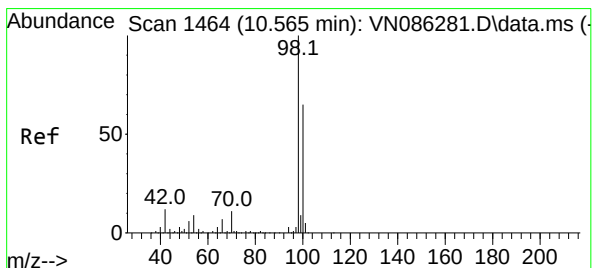
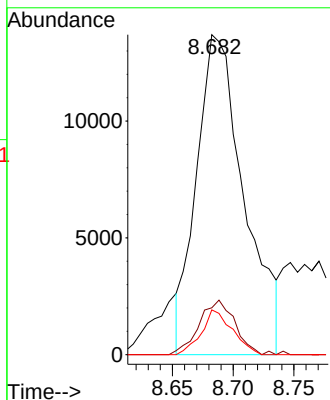
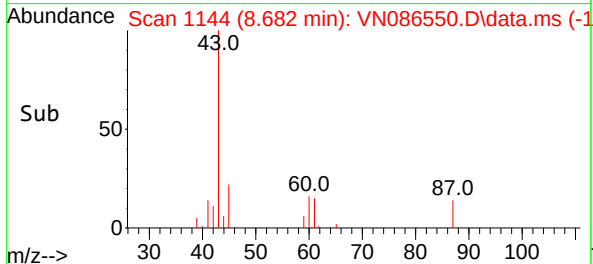
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ClientSampleId :
PB167895ZHE#08



Tgt Ion: 43 Resp: 37424
Ion Ratio Lower Upper
43 100
61 13.0 20.5 30.7
87 9.1 10.5 15.7

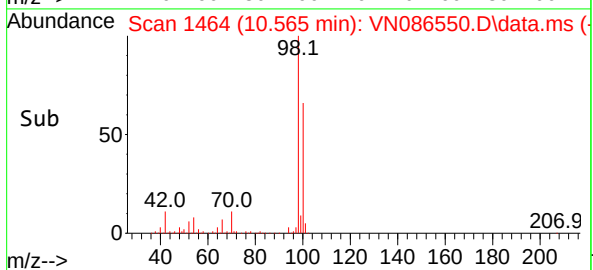
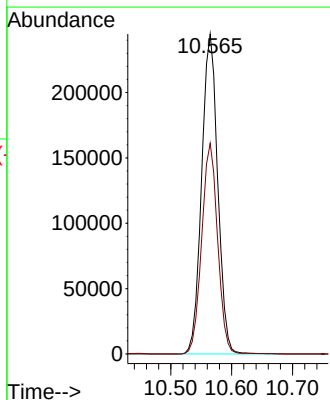
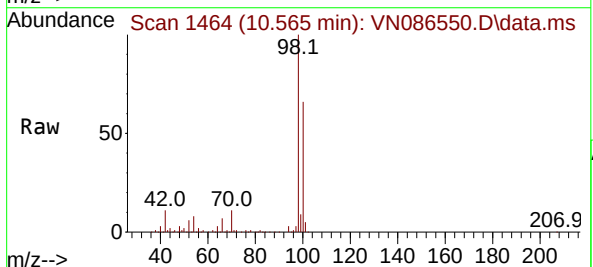
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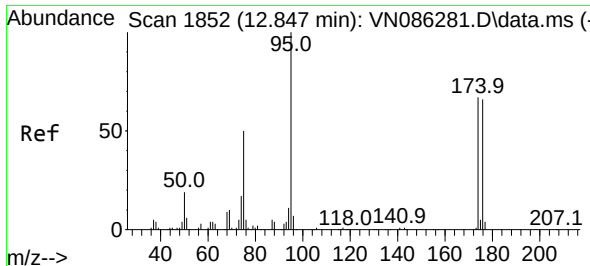
Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025



#50
Toluene-d8
Concen: 50.913 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086550.D
Acq: 08 May 2025 17:01

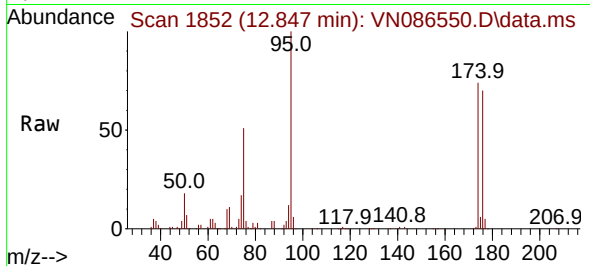
Tgt Ion: 98 Resp: 449375
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7





#62
4-Bromofluorobenzene
Concen: 49.104 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086550.D
Acq: 08 May 2025 17:01

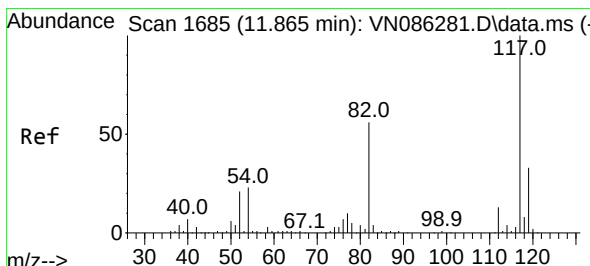
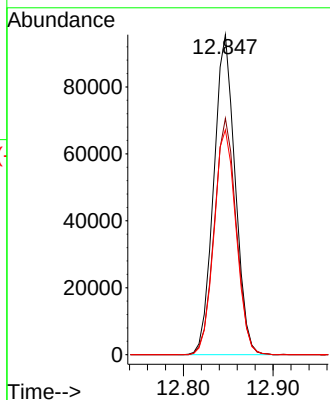
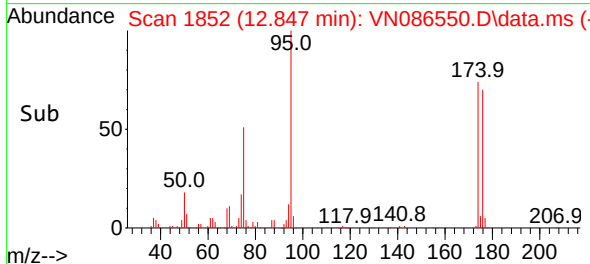
Instrument :
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ClientSampleId :
PB167895ZHE#08



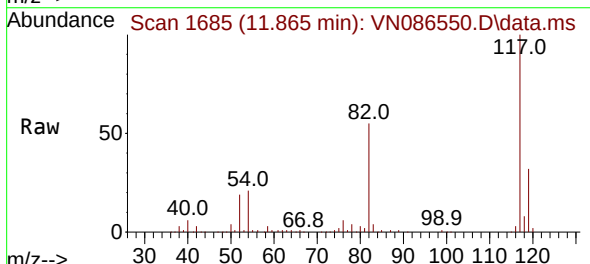
Tgt Ion: 95 Resp: 15808
Ion Ratio Lower Upper
95 100
174 75.7 0.0 133.4
176 72.7 0.0 129.2

Manual Integrations
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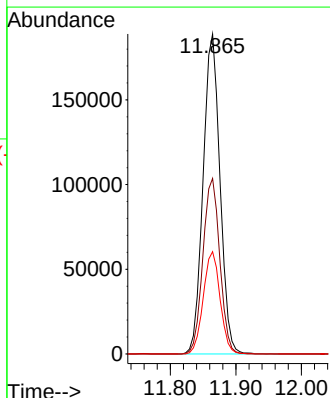
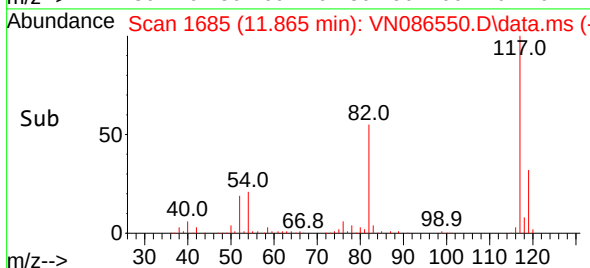
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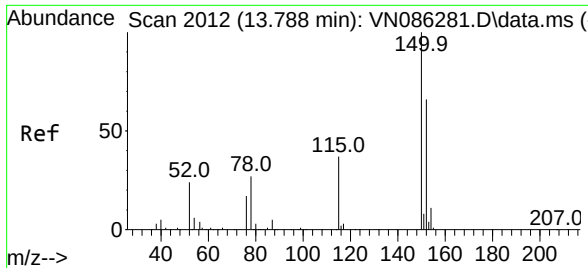


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086550.D
Acq: 08 May 2025 17:01



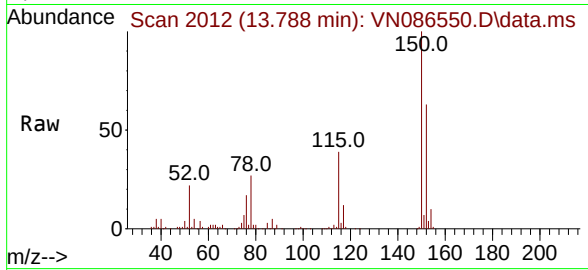
Tgt Ion:117 Resp: 338389
Ion Ratio Lower Upper
117 100
82 54.8 44.7 67.1
119 32.0 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086550.D
 Acq: 08 May 2025 17:01

Instrument :
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Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.7	31.9	95.9
150	159.3	0.0	352.0

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