

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051225\
 Data File : VN086579.D
 Acq On : 12 May 2025 14:28
 Operator : JC\MD
 Sample : PB167932ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167932ZHE#04

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/13/2025
 Supervised By :Semsettin Yesilyurt 05/13/2025

Quant Time: May 13 01:52:25 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	162207	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	311654	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	296140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	117337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	116625	49.582	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.160%		
35) Dibromofluoromethane	8.165	113	91059	62.954	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	125.900%#		
50) Toluene-d8	10.565	98	397478	51.418	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.840%		
62) 4-Bromofluorobenzene	12.847	95	132614	47.033	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	94.060%		
Target Compounds						
16) Acetone	4.430	43	25954	26.820	ug/l	99
20) Methylene Chloride	5.277	84	3861	1.776	ug/l #	85
43) Isopropyl Acetate	8.688	43	24045m	2.591	ug/l	

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

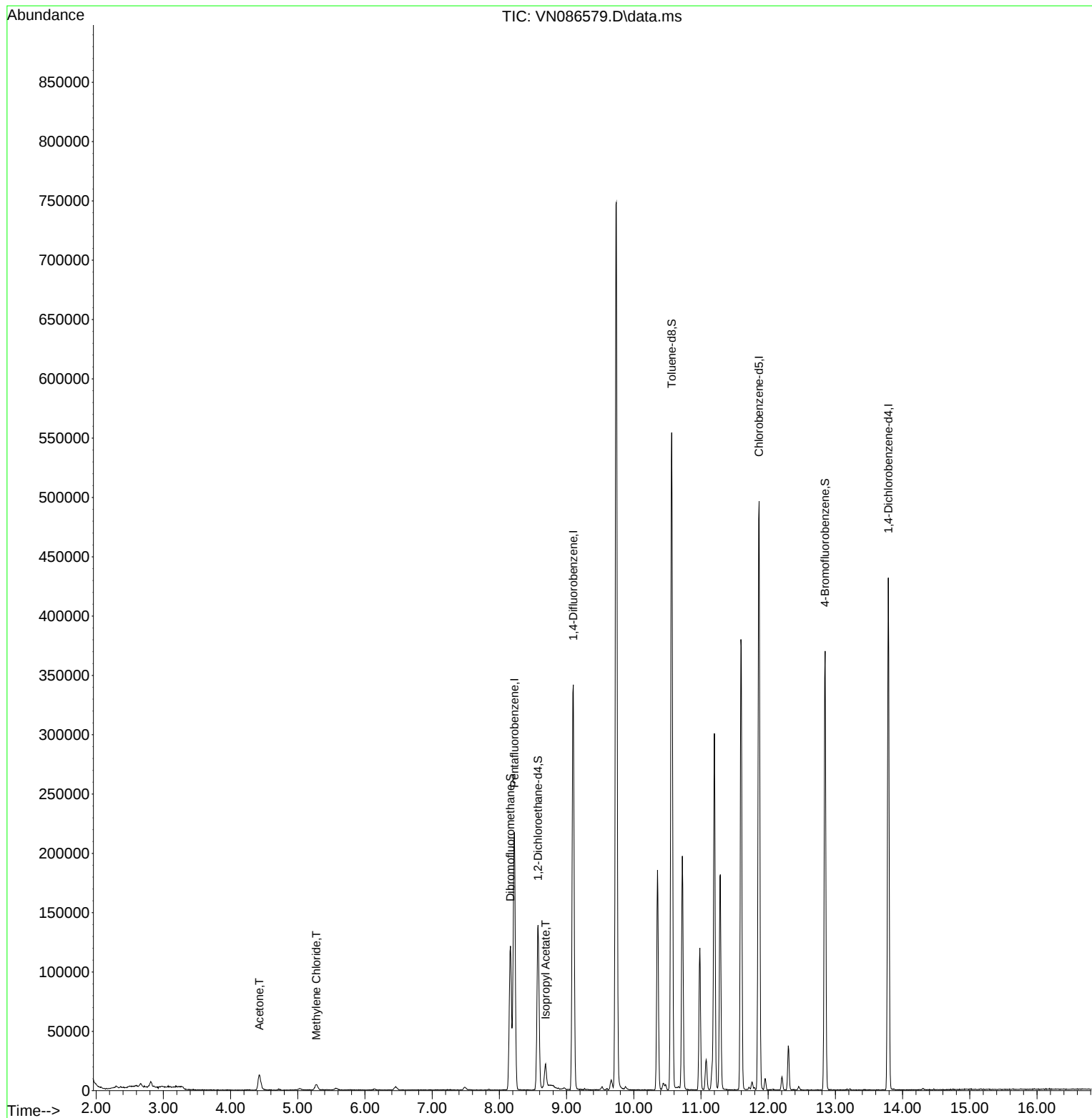
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051225\
Data File : VN086579.D
Acq On : 12 May 2025 14:28
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Misc : 5.0mL/MSVOA_N/WATER
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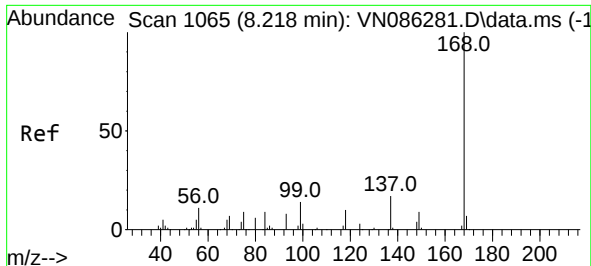
Instrument :
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ClientSampleId :
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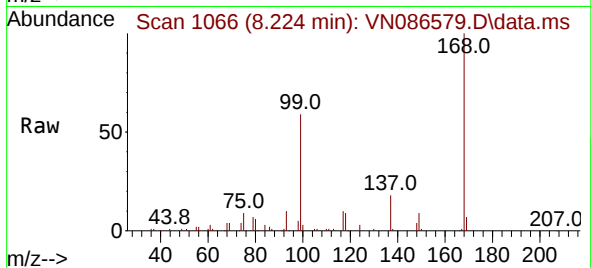
Quant Time: May 13 01:52:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086579.D
Acq: 12 May 2025 14:28

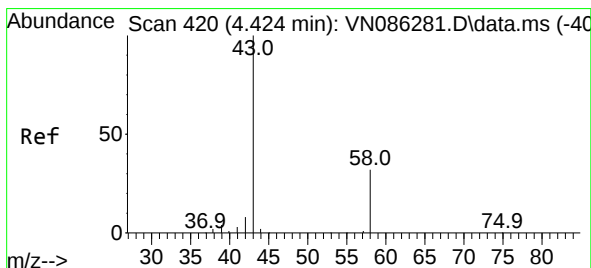
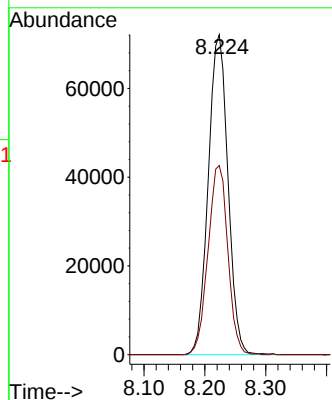
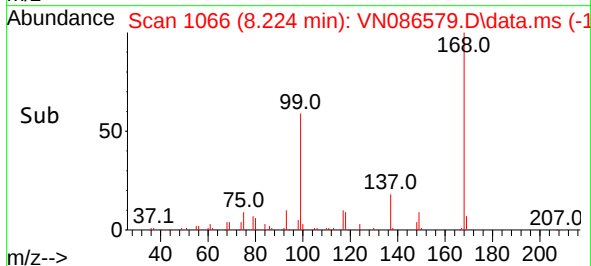
Instrument :
MSVOA_N
ClientSampleId :
PB167932ZHE#04



Tgt Ion:168 Resp: 16220
Ion Ratio Lower Upper
168 100
99 59.1 52.5 78.7

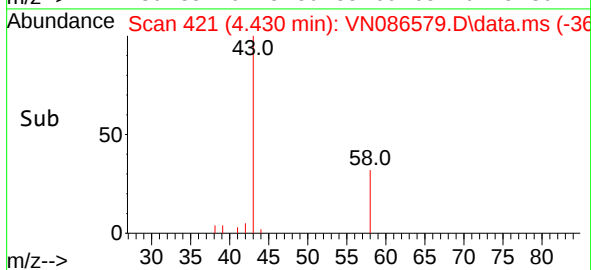
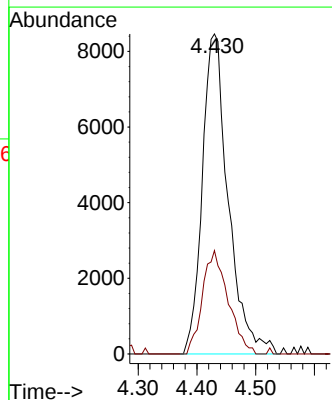
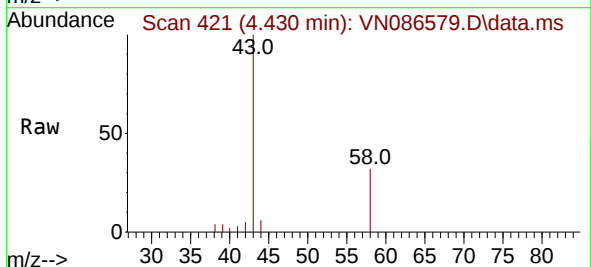
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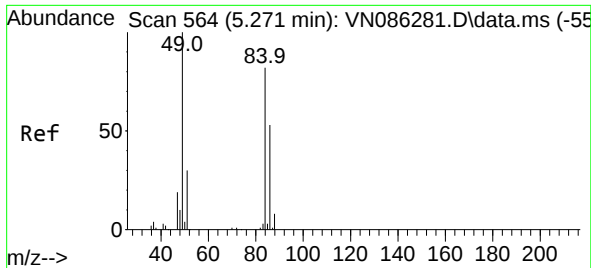
Reviewed By :Mahesh Dadoda 05/13/2025
Supervised By :Semsettin Yesilyurt 05/13/2025



#16
Acetone
Concen: 26.820 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086579.D
Acq: 12 May 2025 14:28

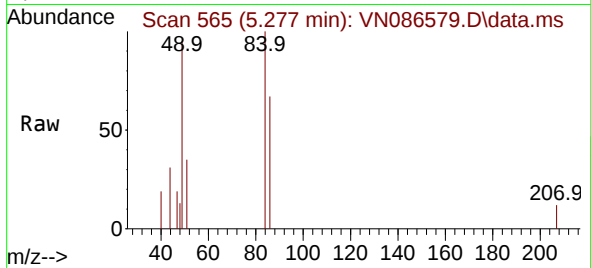
Tgt Ion: 43 Resp: 25954
Ion Ratio Lower Upper
43 100
58 32.3 25.3 37.9





#20
Methylene Chloride
Concen: 1.776 ug/l
RT: 5.277 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN086579.D
Acq: 12 May 2025 14:28

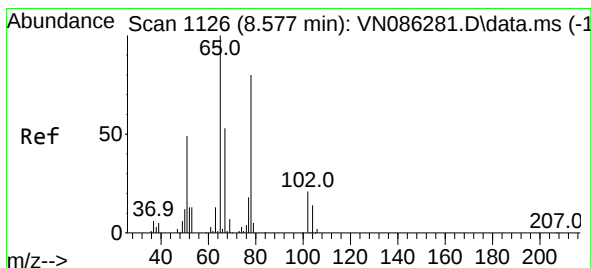
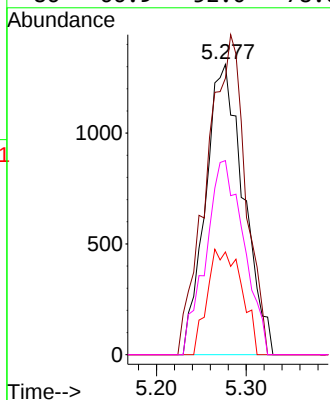
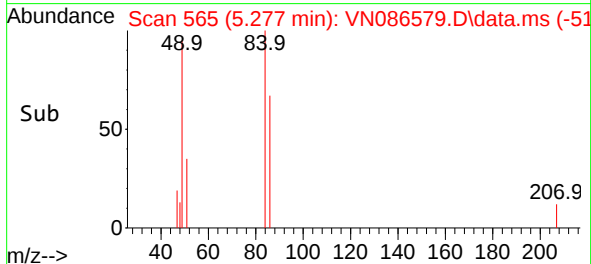
Instrument :
MSVOA_N
ClientSampleId :
PB167932ZHE#04



Tgt Ion: 84 Resp: 386
Ion Ratio Lower Upper
84 100
49 95.2 98.2 147.2
51 35.4 29.8 44.6
86 66.9 52.0 78.0

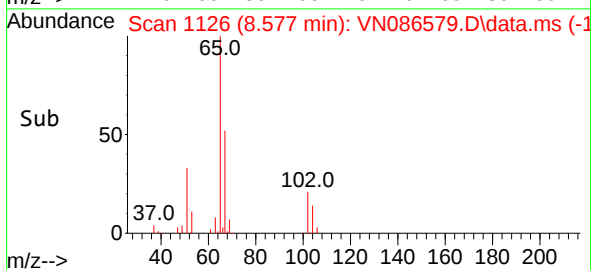
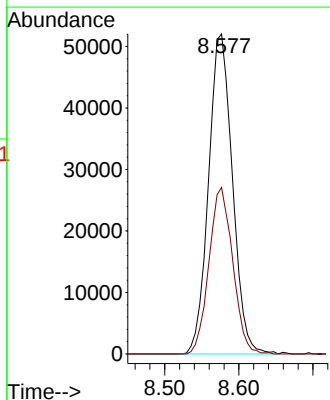
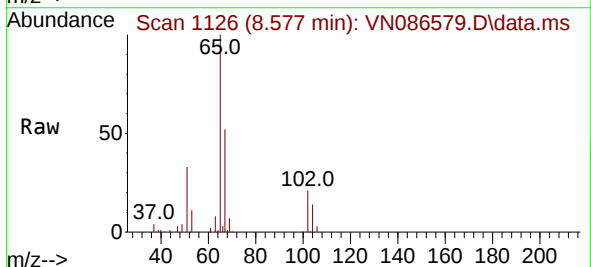
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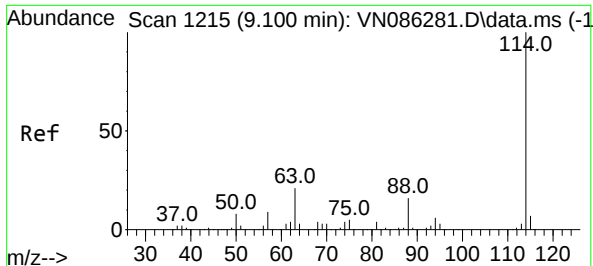
Reviewed By :Mahesh Dadoda 05/13/2025
Supervised By :Semsettin Yesilyurt 05/13/2025



#33
1,2-Dichloroethane-d4
Concen: 49.582 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086579.D
Acq: 12 May 2025 14:28

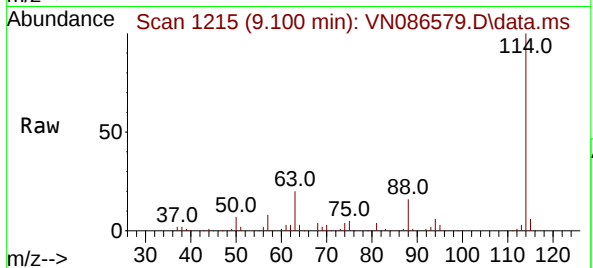
Tgt Ion: 65 Resp: 116625
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1114
Delta R.T. -0.000 min
Lab File: VN086579.D
Acq: 12 May 2025 14:28

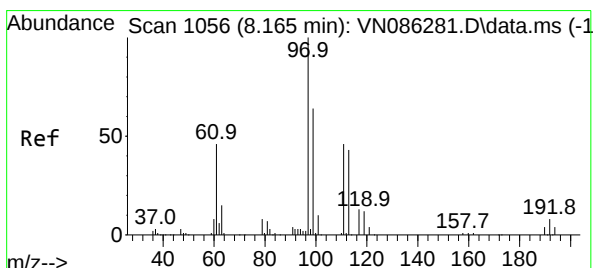
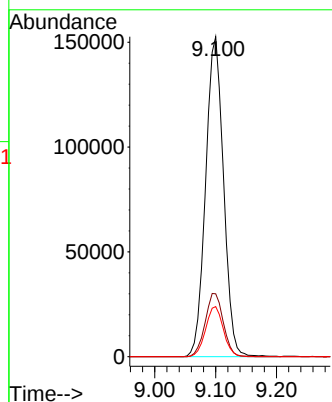
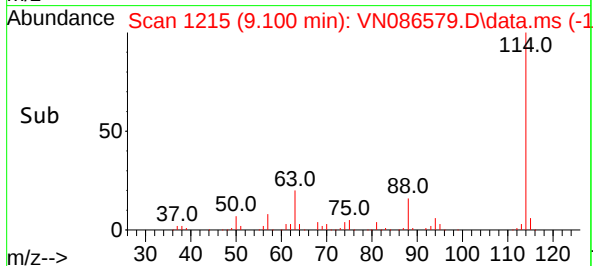
Instrument :
MSVOA_N
ClientSampleId :
PB167932ZHE#04



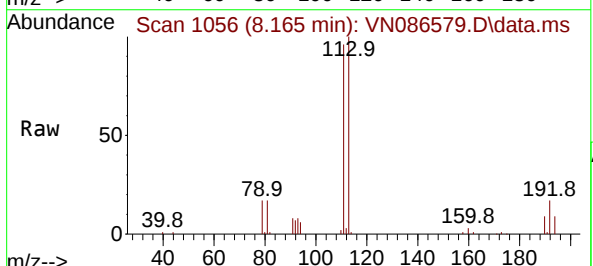
Tgt Ion:114 Resp: 311654
Ion Ratio Lower Upper
114 100
63 19.7 0.0 42.6
88 15.6 0.0 31.8

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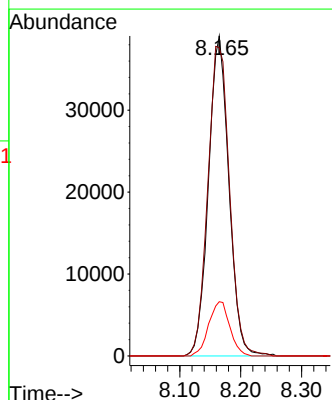
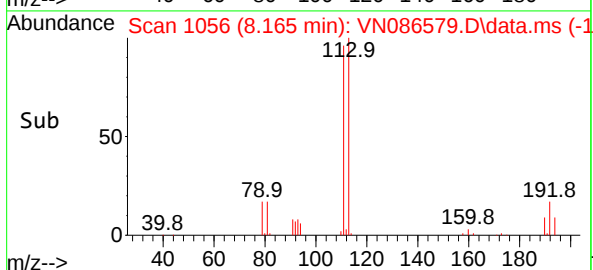
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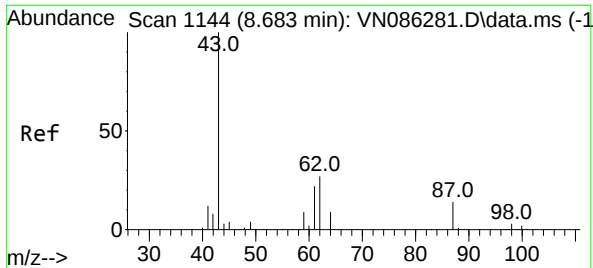


#35
Dibromofluoromethane
Concen: 62.954 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086579.D
Acq: 12 May 2025 14:28



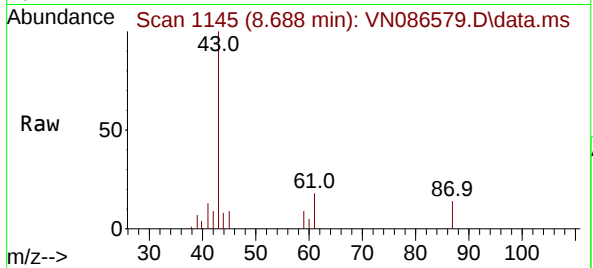
Tgt Ion:113 Resp: 91059
Ion Ratio Lower Upper
113 100
111 103.2 83.4 125.0
192 17.5 13.7 20.5





#43
Isopropyl Acetate
Concen: 2.591 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN086579.D
Acq: 12 May 2025 14:28

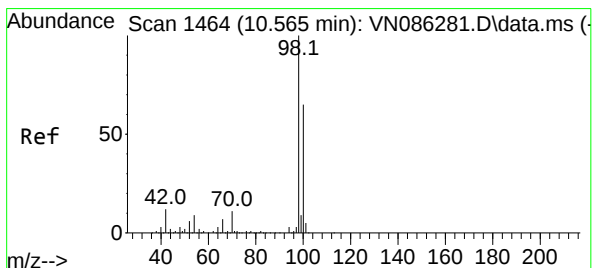
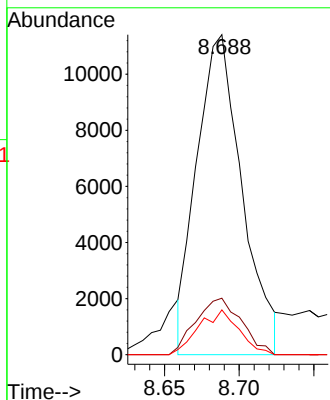
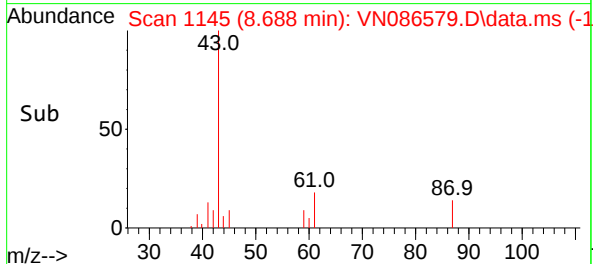
Instrument : MSVOA_N
ClientSampleId : PB167932ZHE#04



Tgt Ion: 43 Resp: 2404
Ion Ratio Lower Upper
43 100
61 17.9 20.5 30.7
87 12.5 10.5 15.7

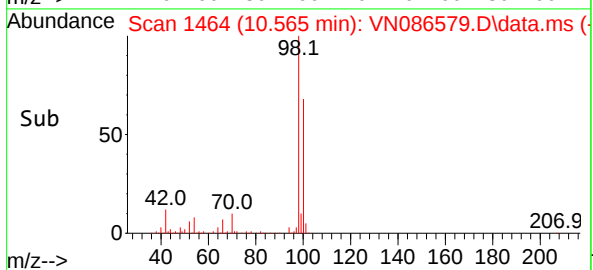
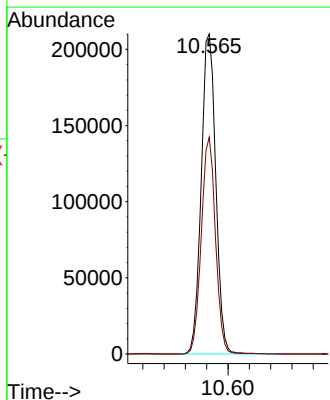
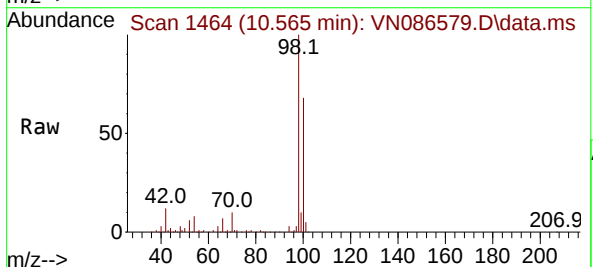
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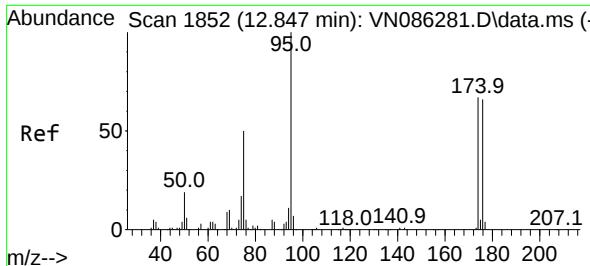
Reviewed By :Mahesh Dadoda 05/13/2025
Supervised By :Semsettin Yesilyurt 05/13/2025



#50
Toluene-d8
Concen: 51.418 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086579.D
Acq: 12 May 2025 14:28

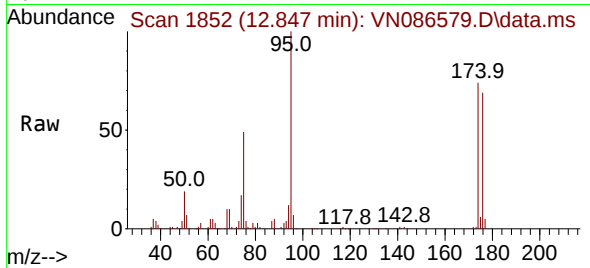
Tgt Ion: 98 Resp: 397478
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7





#62
4-Bromofluorobenzene
Concen: 47.033 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086579.D
Acq: 12 May 2025 14:28

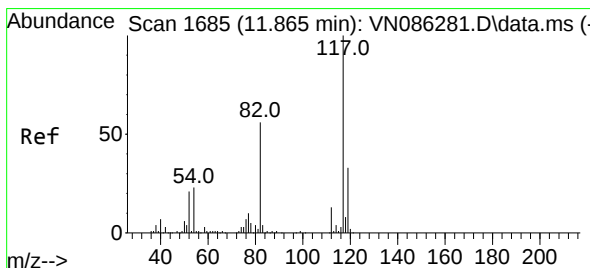
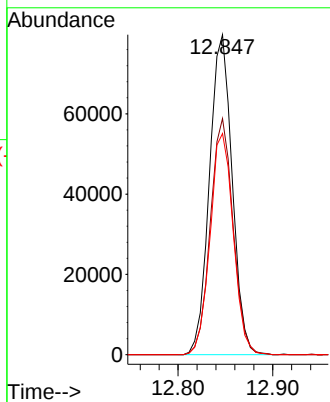
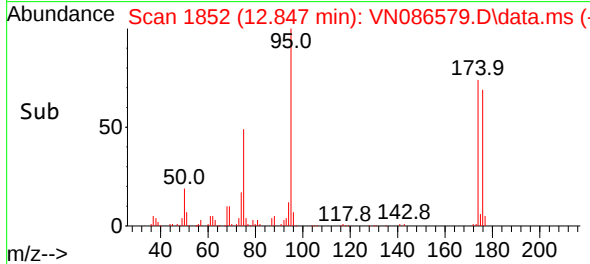
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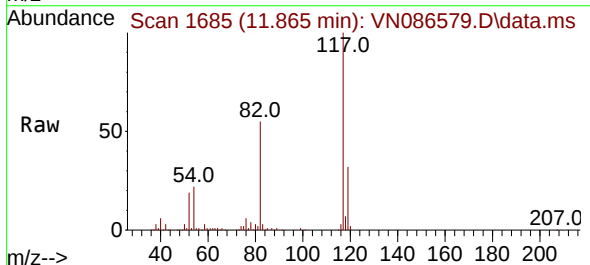
Tgt Ion: 95 Resp: 132614
Ion Ratio Lower Upper
95 100
174 74.2 0.0 133.4
176 70.5 0.0 129.2

Manual Integrations
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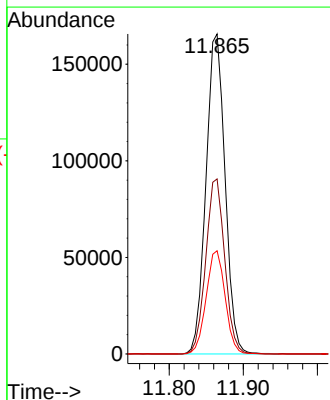
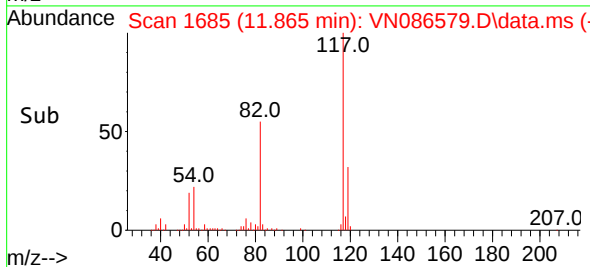
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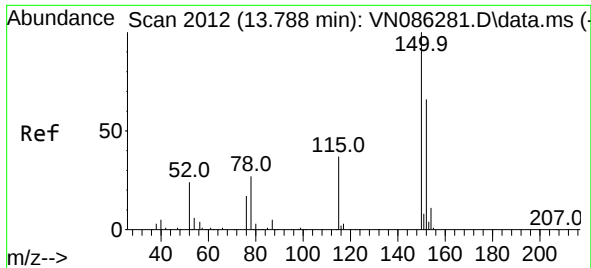


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086579.D
Acq: 12 May 2025 14:28



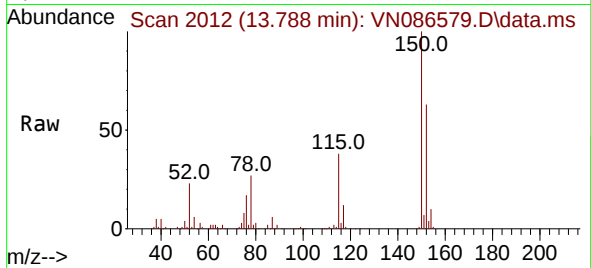
Tgt Ion:117 Resp: 296140
Ion Ratio Lower Upper
117 100
82 54.7 44.7 67.1
119 32.3 26.4 39.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN086579.D
Acq: 12 May 2025 14:28

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:152 Resp: 11733
Ion Ratio Lower Upper
152 100
115 59.8 31.9 95.9
150 155.1 0.0 352.0

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