

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051225\
 Data File : VN086583.D
 Acq On : 12 May 2025 16:05
 Operator : JC\MD
 Sample : PB167932ZHE#08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167932ZHE#08

Manual Integrations
 APPROVED

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

Quant Time: May 13 01:54:23 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	180857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	340176	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	325658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	136621	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	126519	48.242	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.480%		
35) Dibromofluoromethane	8.165	113	101367	64.205	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	128.420%#		
50) Toluene-d8	10.565	98	432991	51.315	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.640%		
62) 4-Bromofluorobenzene	12.847	95	153326	49.819	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.640%		
Target Compounds					Qvalue	
16) Acetone	4.430	43	22171	19.182	ug/l	99
20) Methylene Chloride	5.283	84	4405	1.817	ug/l #	82
43) Isopropyl Acetate	8.688	43	25078m	2.392	ug/l	

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

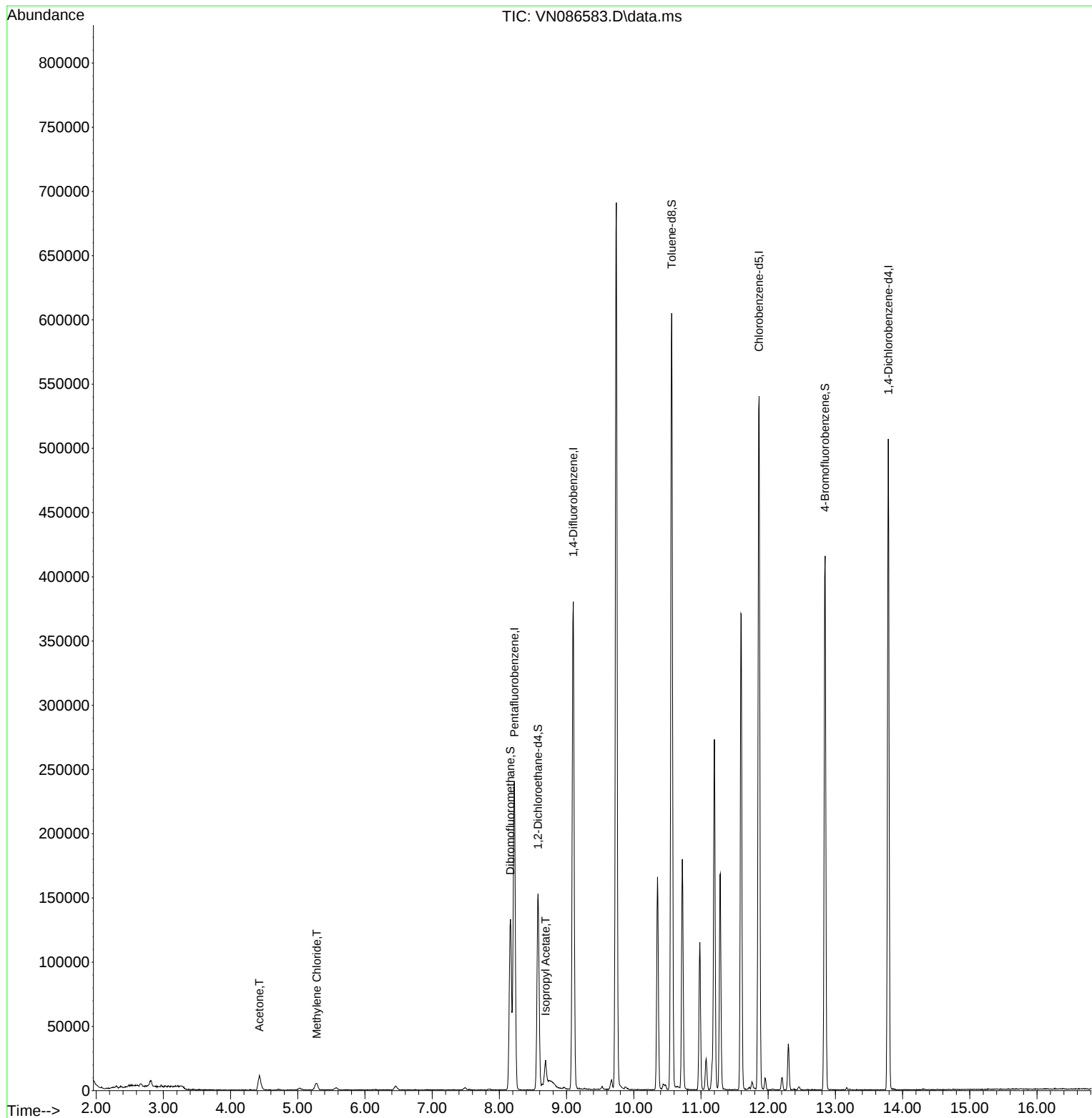
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051225\
Data File : VN086583.D
Acq On : 12 May 2025 16:05
Operator : JC\MD
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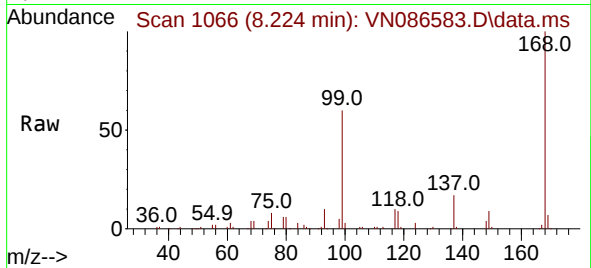
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086583.D
Acq: 12 May 2025 16:05

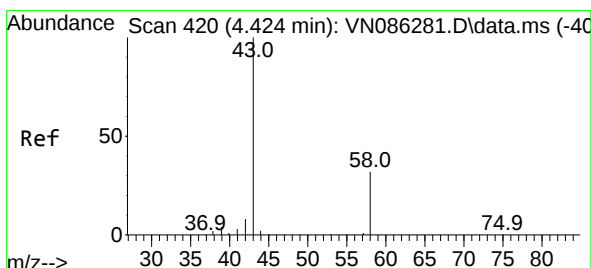
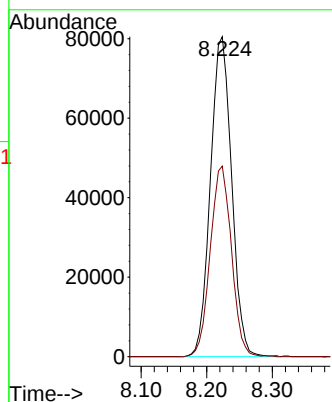
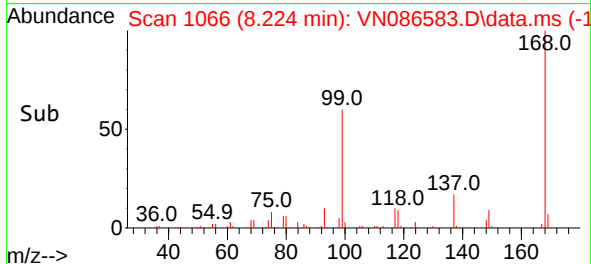
Instrument :
MSVOA_N
ClientSampleId :
PB167932ZHE#08



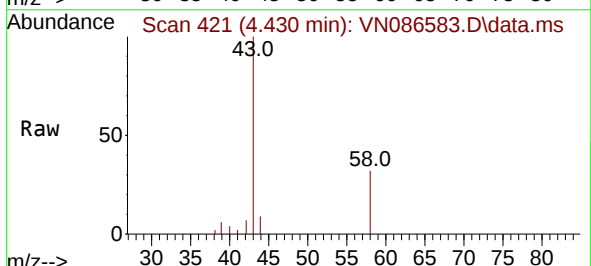
Tgt Ion:168 Resp: 18085
Ion Ratio Lower Upper
168 100
99 59.6 52.5 78.7

Manual Integrations
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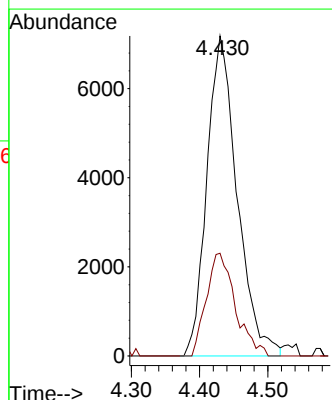
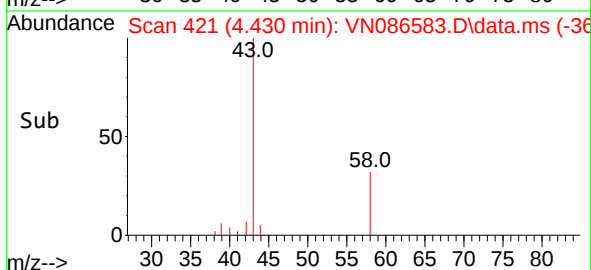
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Supervised By :Semsettin Yesilyurt 05/13/2025

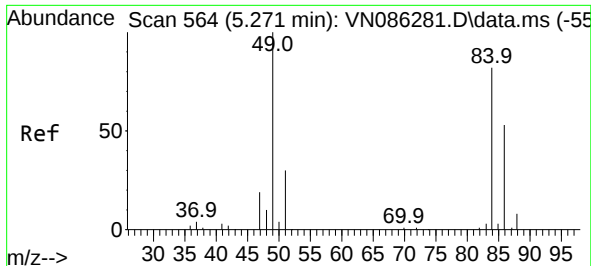


#16
Acetone
Concen: 19.182 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086583.D
Acq: 12 May 2025 16:05



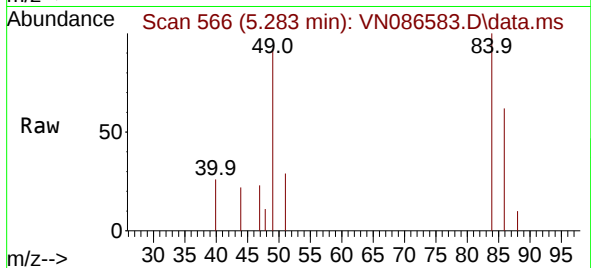
Tgt Ion: 43 Resp: 22171
Ion Ratio Lower Upper
43 100
58 32.1 25.3 37.9





#20
Methylene Chloride
Concen: 1.817 ug/l
RT: 5.283 min Scan# 511
Delta R.T. 0.012 min
Lab File: VN086583.D
Acq: 12 May 2025 16:05

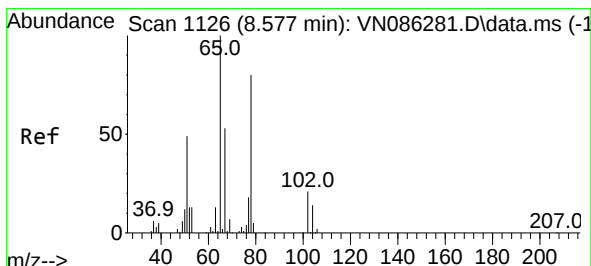
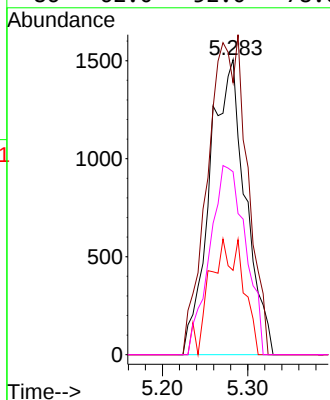
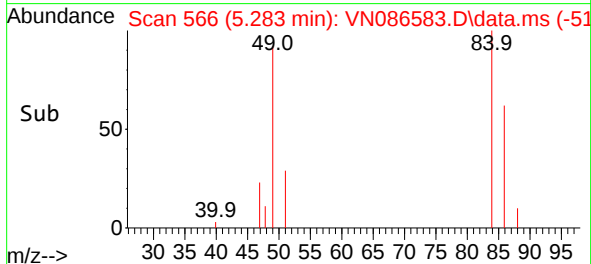
Instrument :
MSVOA_N
ClientSampleId :
PB167932ZHE#08



Tgt Ion: 84 Resp: 440
Ion Ratio Lower Upper
84 100
49 92.2 98.2 147.2
51 28.6 29.8 44.6
86 62.0 52.0 78.0

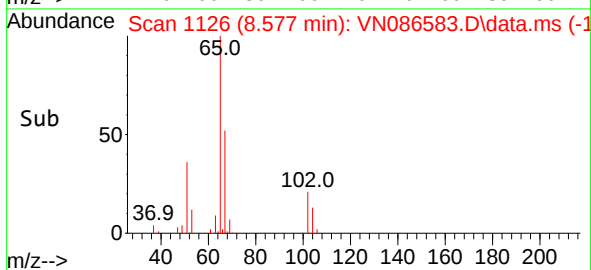
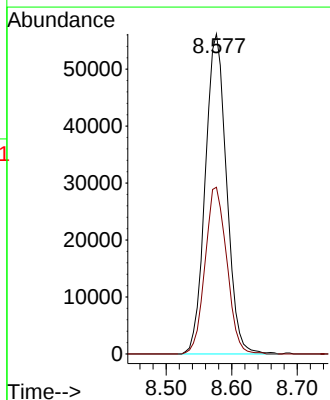
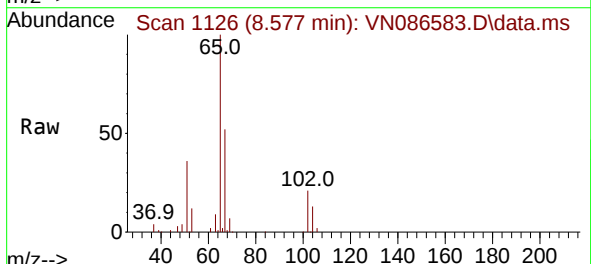
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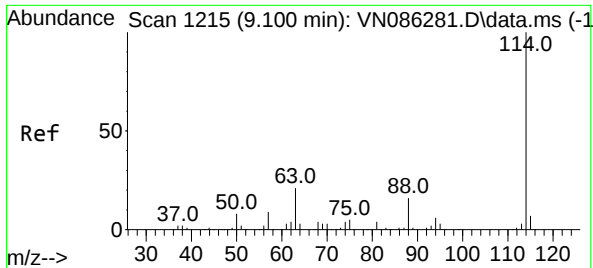
Reviewed By :Mahesh Dadoda 05/13/2025
Supervised By :Semsettin Yesilyurt 05/13/2025



#33
1,2-Dichloroethane-d4
Concen: 48.242 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086583.D
Acq: 12 May 2025 16:05

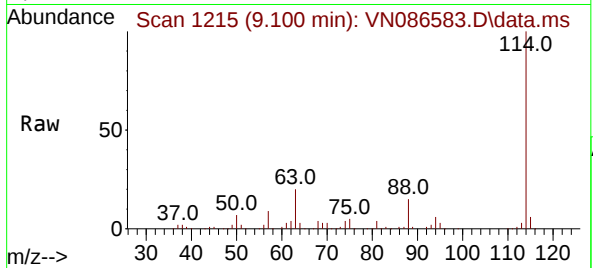
Tgt Ion: 65 Resp: 126519
Ion Ratio Lower Upper
65 100
67 53.2 0.0 106.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN086583.D
Acq: 12 May 2025 16:05

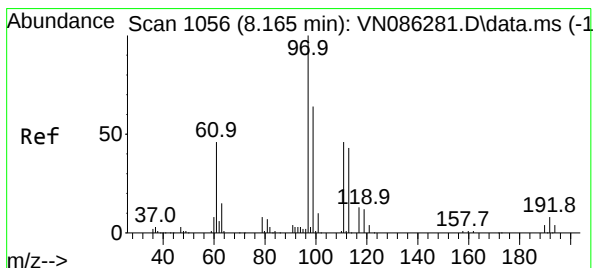
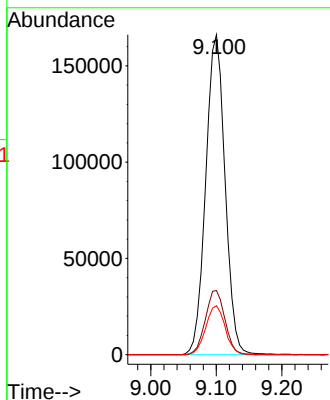
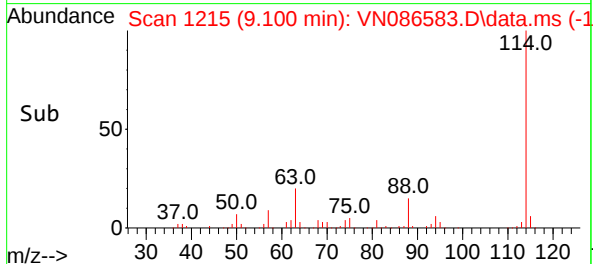
Instrument :
MSVOA_N
ClientSampleId :
PB167932ZHE#08



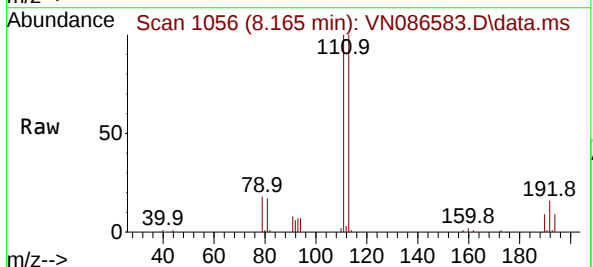
Tgt Ion:114 Resp: 340170
Ion Ratio Lower Upper
114 100
63 20.0 0.0 42.6
88 15.3 0.0 31.8

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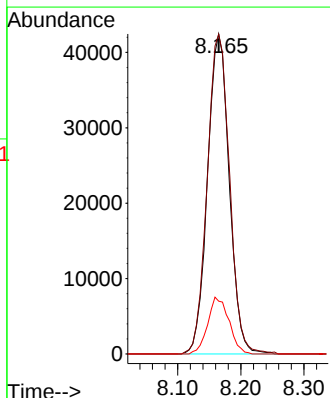
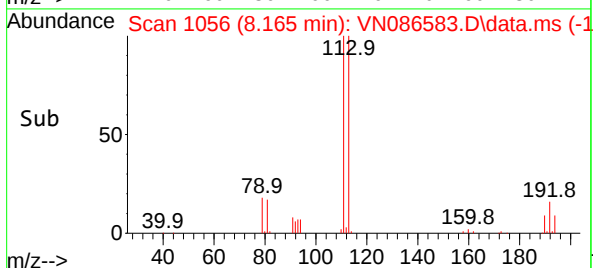
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Supervised By :Semsettin Yesilyurt 05/13/2025

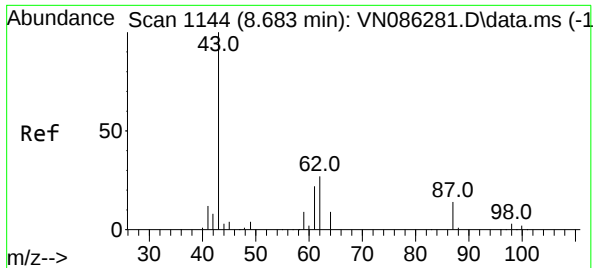


#35
Dibromofluoromethane
Concen: 64.205 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086583.D
Acq: 12 May 2025 16:05



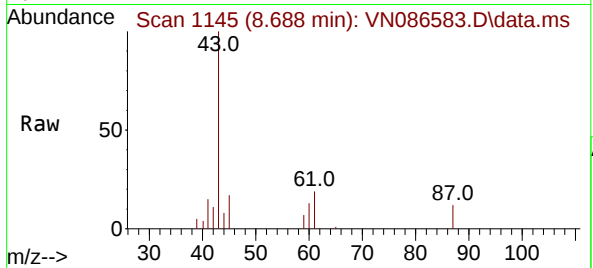
Tgt Ion:113 Resp: 101367
Ion Ratio Lower Upper
113 100
111 102.8 83.4 125.0
192 17.4 13.7 20.5





#43
Isopropyl Acetate
Concen: 2.392 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN086583.D
Acq: 12 May 2025 16:05

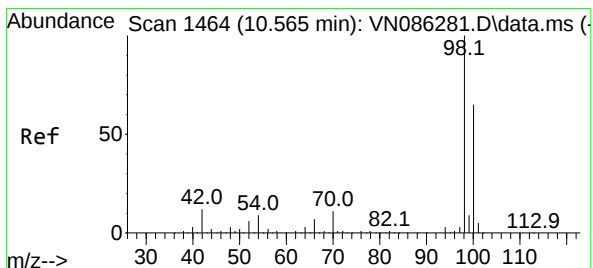
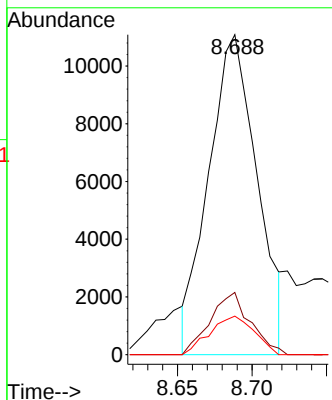
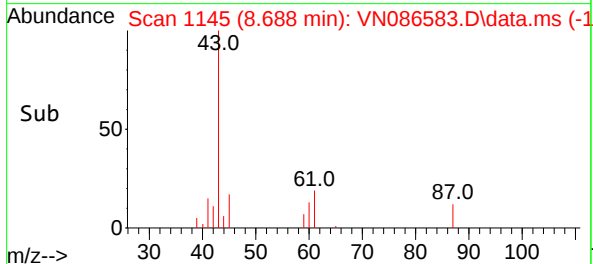
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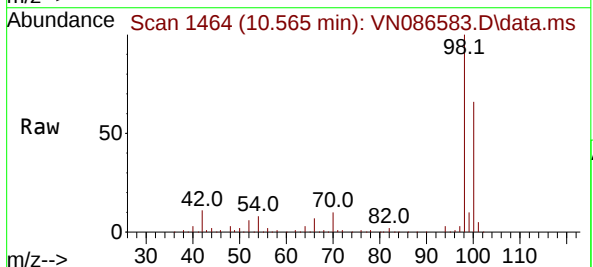
Tgt Ion: 43 Resp: 25078
Ion Ratio Lower Upper
43 100
61 16.2 20.5 30.7
87 11.0 10.5 15.7

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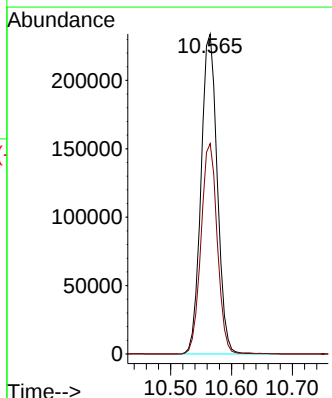
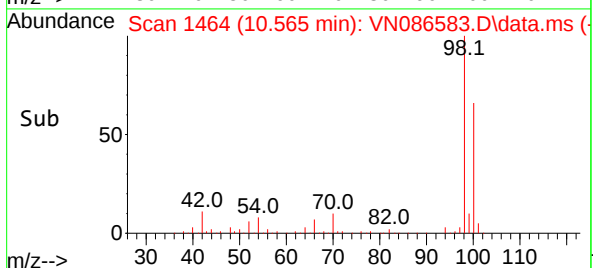
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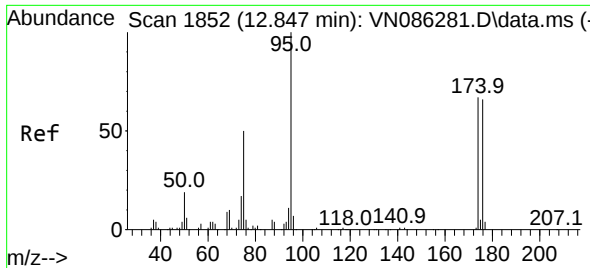


#50
Toluene-d8
Concen: 51.315 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086583.D
Acq: 12 May 2025 16:05



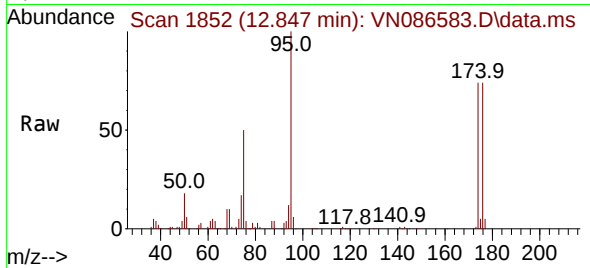
Tgt Ion: 98 Resp: 432991
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7





#62
4-Bromofluorobenzene
Concen: 49.819 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086583.D
Acq: 12 May 2025 16:05

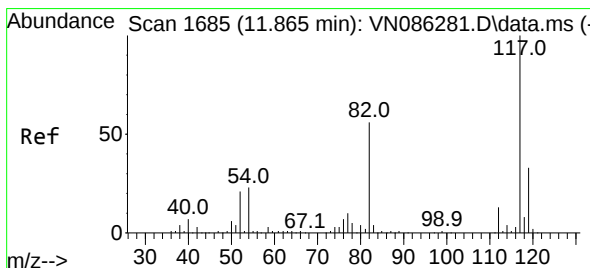
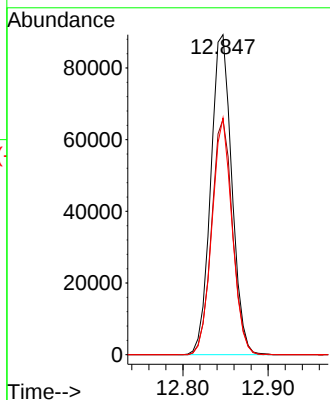
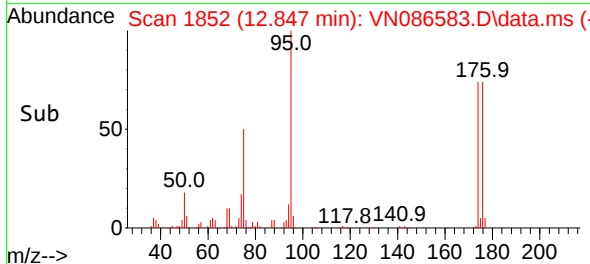
Instrument :
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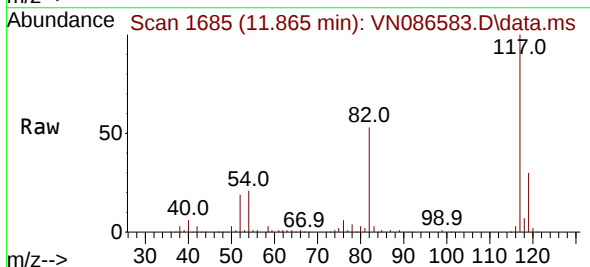
Tgt Ion: 95 Resp: 153320
Ion Ratio Lower Upper
95 100
174 73.0 0.0 133.4
176 70.7 0.0 129.2

Manual Integrations
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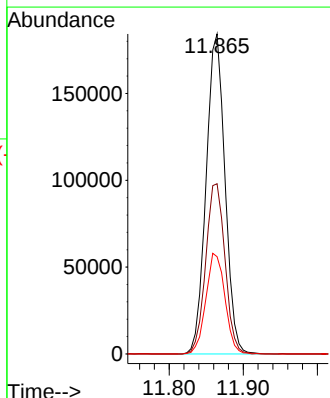
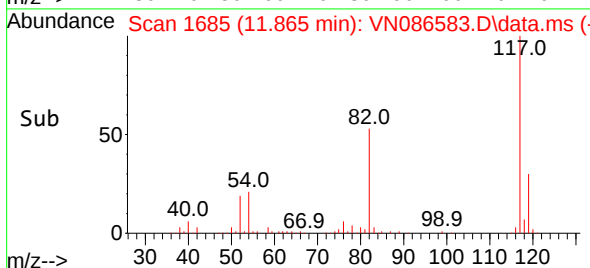
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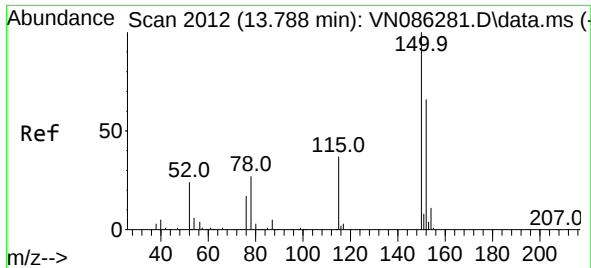


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086583.D
Acq: 12 May 2025 16:05



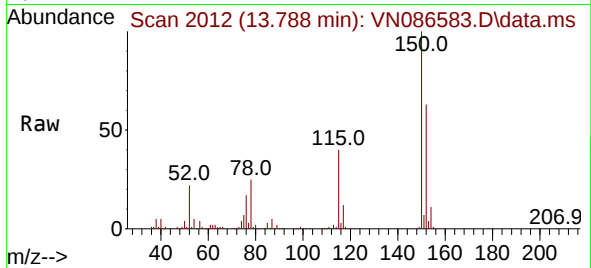
Tgt Ion:117 Resp: 325658
Ion Ratio Lower Upper
117 100
82 53.2 44.7 67.1
119 30.4 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN086583.D
 Acq: 12 May 2025 16:05

Instrument :
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Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.5	31.9	95.9
150	158.0	0.0	352.0

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