

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051225\
 Data File : VN086577.D
 Acq On : 12 May 2025 13:40
 Operator : JC\MD
 Sample : PB167932ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167932ZHE#02

Manual Integrations
 APPROVED

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

Quant Time: May 13 01:51:25 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	201590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	372154	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	358081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	148492	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	136824	46.806	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.620%		
35) Dibromofluoromethane	8.165	113	109699	63.512	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	127.020%#		
50) Toluene-d8	10.565	98	477593	51.738	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.480%		
62) 4-Bromofluorobenzene	12.847	95	165594	49.182	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.360%		
Target Compounds					Qvalue	
16) Acetone	4.430	43	25909	20.394	ug/l	98
20) Methylene Chloride	5.283	84	3720m	1.377	ug/l	
43) Isopropyl Acetate	8.682	43	24878	1.994	ug/l #	90

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

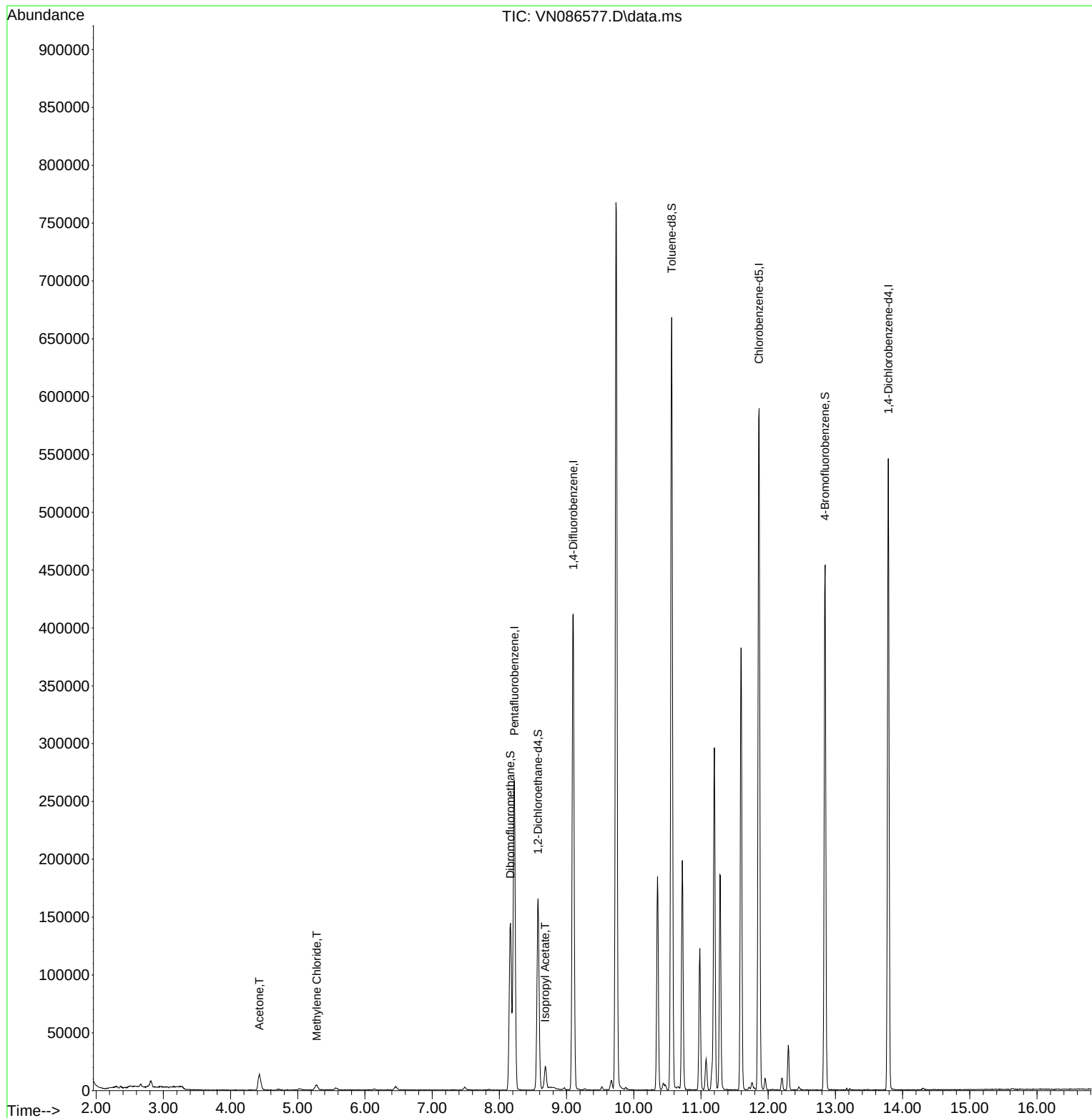
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051225\
Data File : VN086577.D
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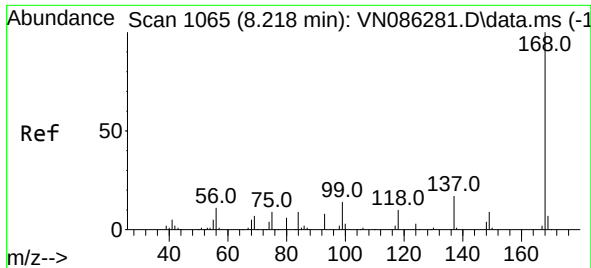
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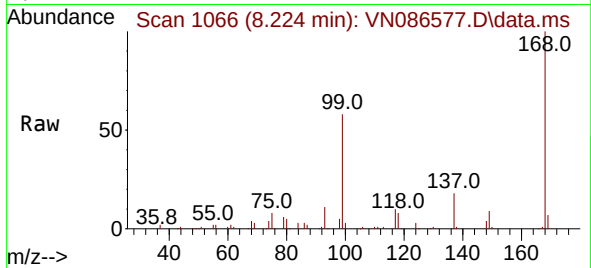
Quant Time: May 13 01:51:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086577.D
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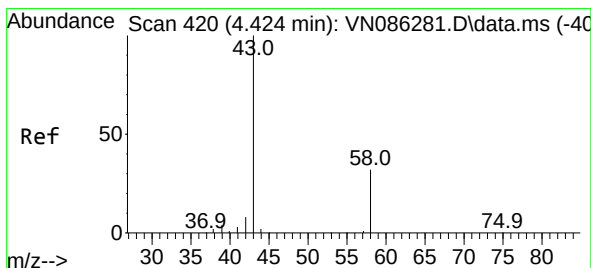
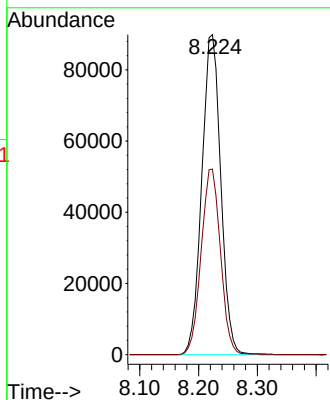
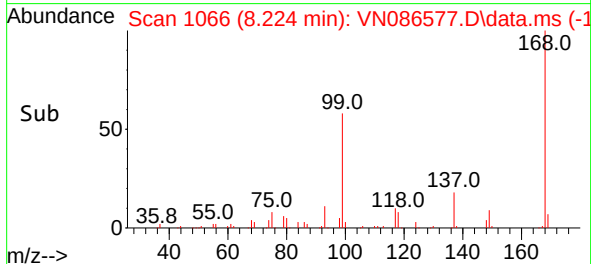
Instrument :
MSVOA_N
ClientSampleId :
PB167932ZHE#02



Tgt Ion:168 Resp: 201590
Ion Ratio Lower Upper
168 100
99 58.0 52.5 78.7

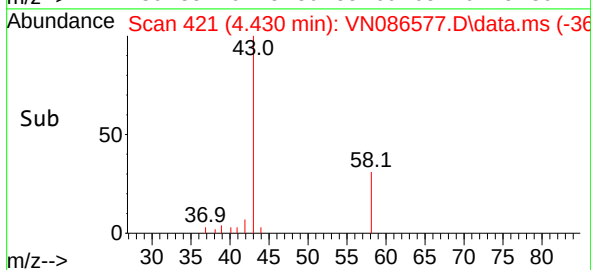
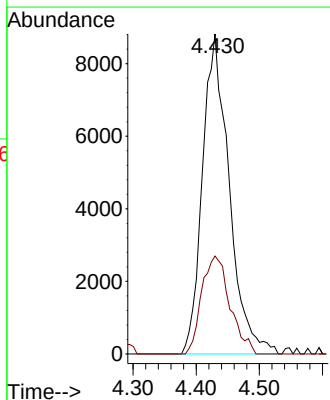
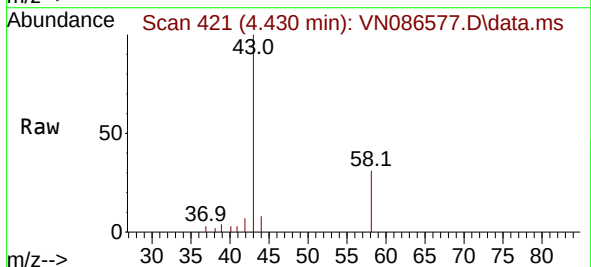
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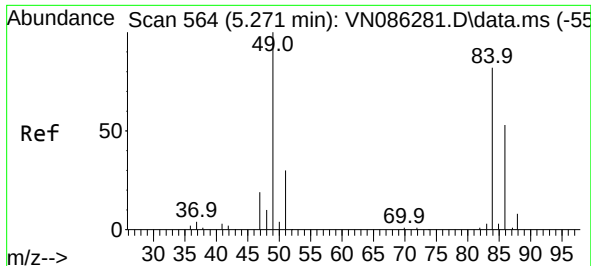
Reviewed By :Mahesh Dadoda 05/13/2025
Supervised By :Semsettin Yesilyurt 05/13/2025



#16
Acetone
Concen: 20.394 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086577.D
Acq: 12 May 2025 13:40

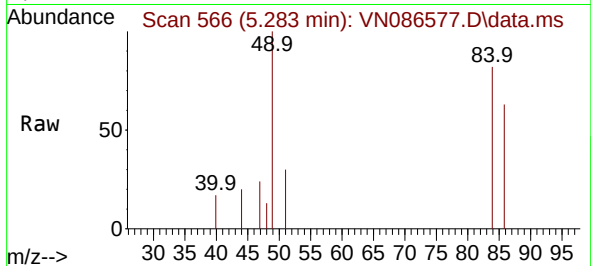
Tgt Ion: 43 Resp: 25909
Ion Ratio Lower Upper
43 100
58 30.6 25.3 37.9





#20
Methylene Chloride
Concen: 1.377 ug/l m
RT: 5.283 min Scan# 5
Delta R.T. 0.012 min
Lab File: VN086577.D
Acq: 12 May 2025 13:40

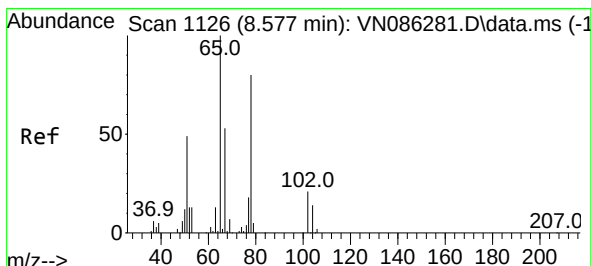
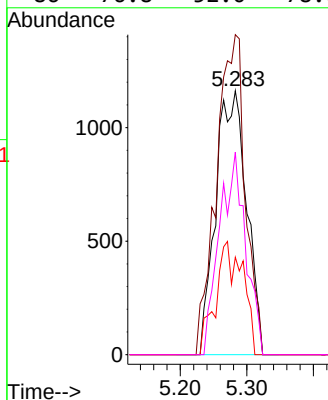
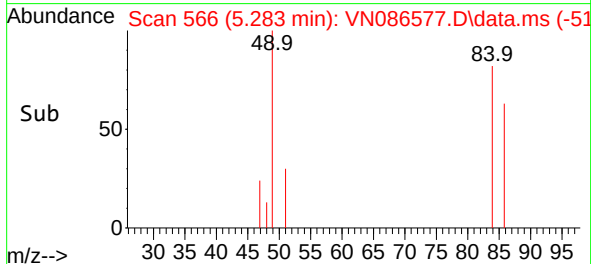
Instrument :
MSVOA_N
ClientSampleId :
PB167932ZHE#02



Tgt Ion: 84 Resp: 3720
Ion Ratio Lower Upper
84 100
49 121.3 98.2 147.2
51 36.9 29.8 44.6
86 76.8 52.0 78.0

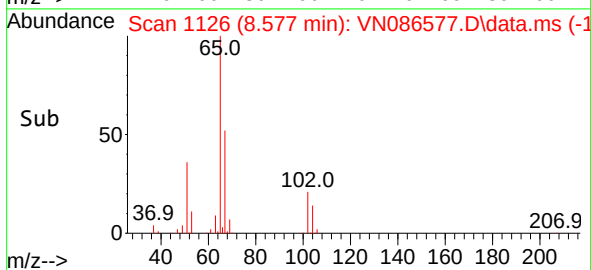
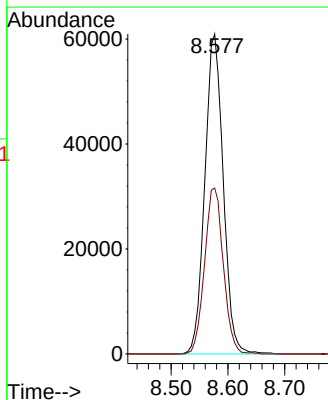
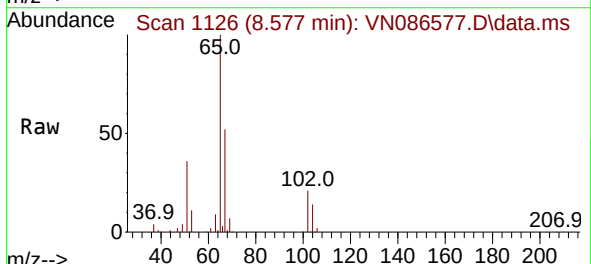
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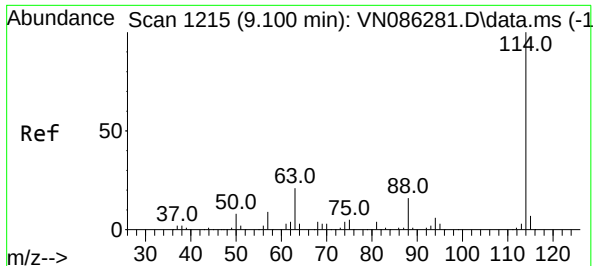
Reviewed By :Mahesh Dadoda 05/13/2025
Supervised By :Semsettin Yesilyurt 05/13/2025



#33
1,2-Dichloroethane-d4
Concen: 46.806 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086577.D
Acq: 12 May 2025 13:40

Tgt Ion: 65 Resp: 136824
Ion Ratio Lower Upper
65 100
67 52.9 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: VN086577.D

Acq: 12 May 2025 13:40

Instrument :

MSVOA_N

ClientSampleId :

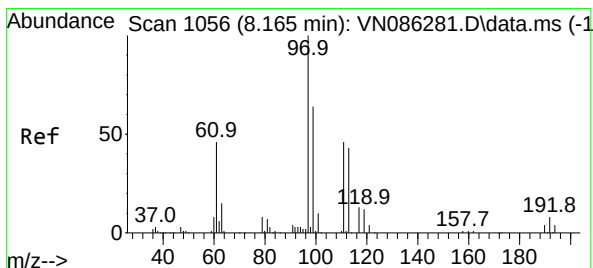
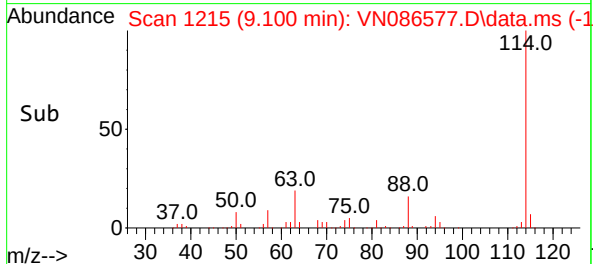
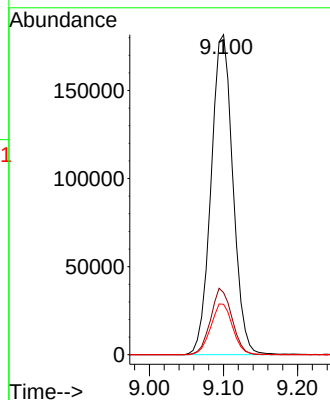
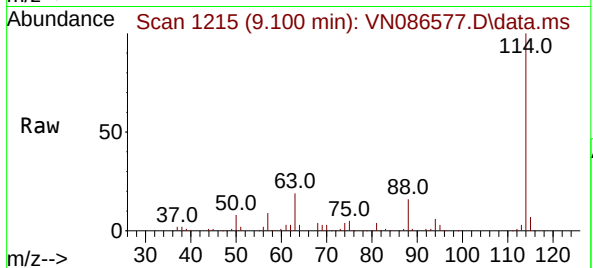
PB167932ZHE#02

Tgt Ion:114	Resp:	372154
Ion Ratio	Lower	Upper
114	100	
63	19.4	0.0 42.6
88	15.8	0.0 31.8

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#35

Dibromofluoromethane

Concen: 63.512 ug/l

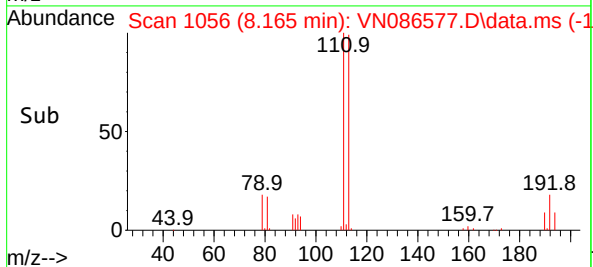
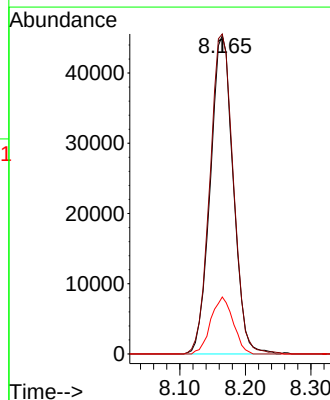
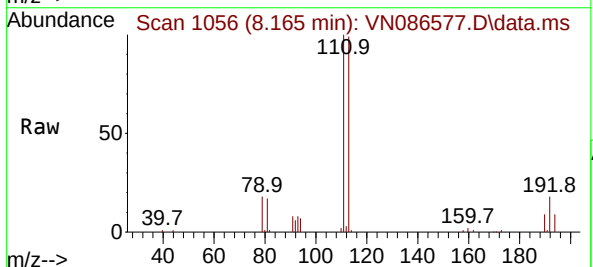
RT: 8.165 min Scan# 1056

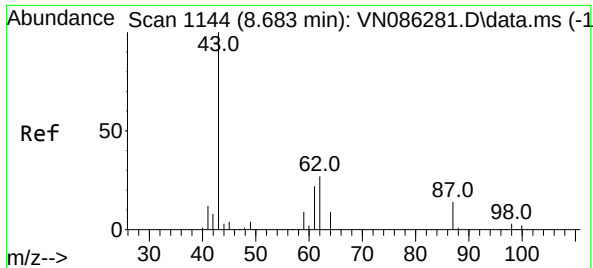
Delta R.T. -0.000 min

Lab File: VN086577.D

Acq: 12 May 2025 13:40

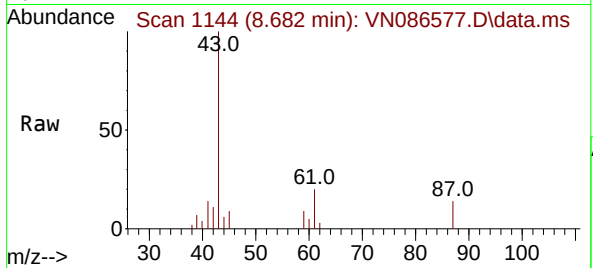
Tgt Ion:113	Resp:	109699
Ion Ratio	Lower	Upper
113	100	
111	102.9	83.4 125.0
192	17.5	13.7 20.5





#43
Isopropyl Acetate
Concen: 1.994 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN086577.D
Acq: 12 May 2025 13:40

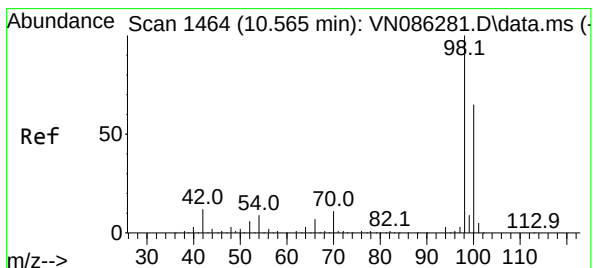
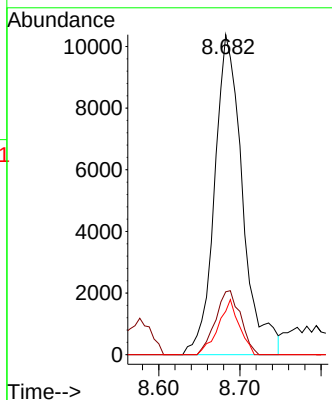
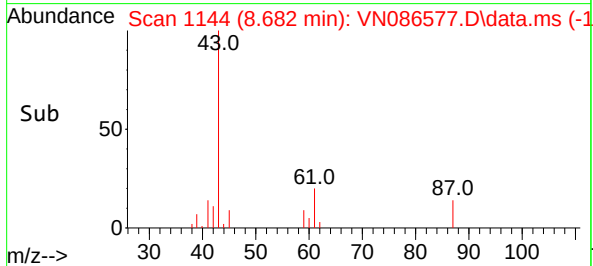
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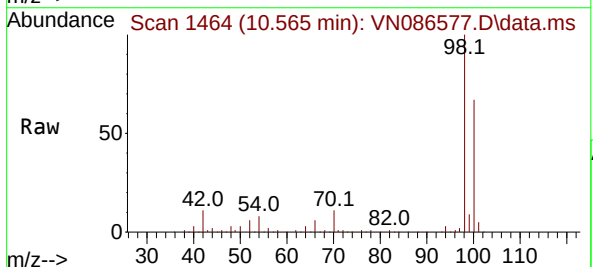
Tgt Ion: 43 Resp: 24878
Ion Ratio Lower Upper
43 100
61 18.0 20.5 30.7
87 12.9 10.5 15.7

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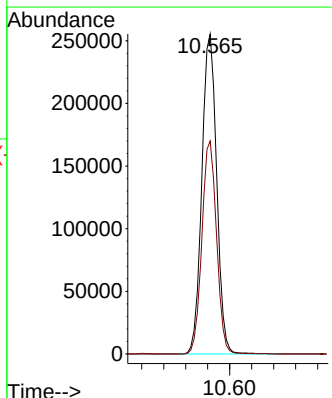
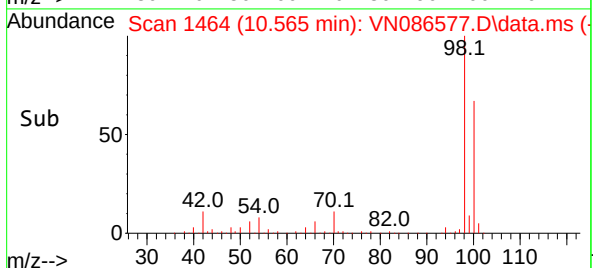
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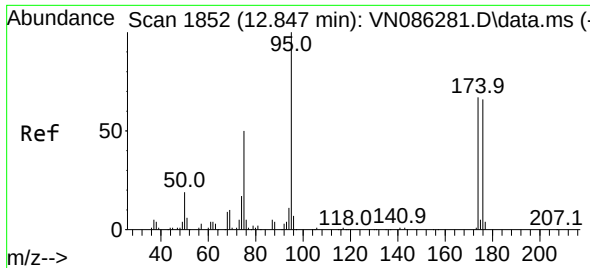


#50
Toluene-d8
Concen: 51.738 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086577.D
Acq: 12 May 2025 13:40



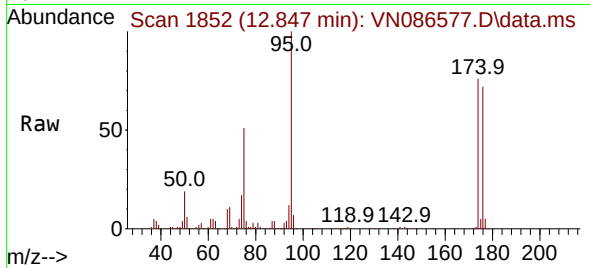
Tgt Ion: 98 Resp: 477593
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7





#62
4-Bromofluorobenzene
Concen: 49.182 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086577.D
Acq: 12 May 2025 13:40

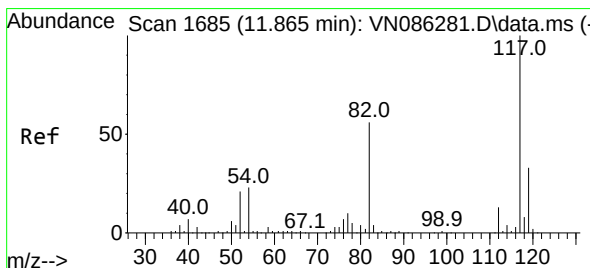
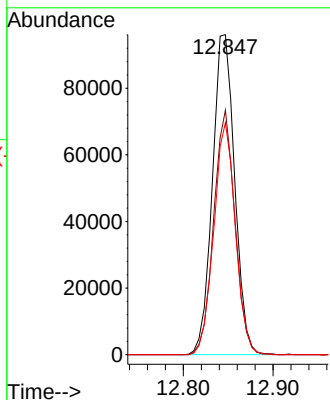
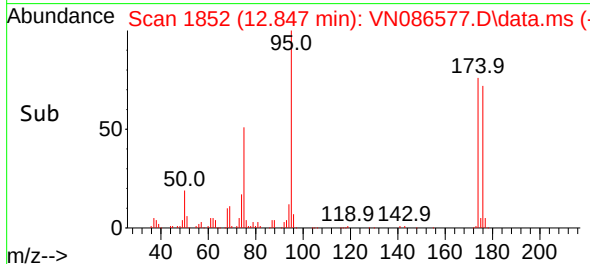
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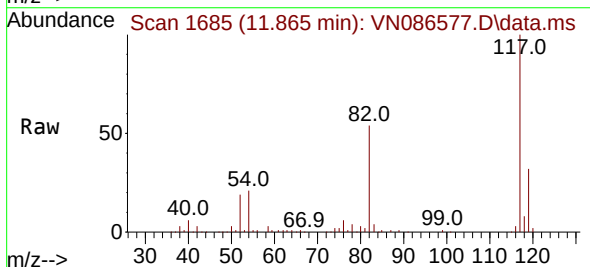
Tgt Ion: 95 Resp: 165594
Ion Ratio Lower Upper
95 100
174 73.1 0.0 133.4
176 70.3 0.0 129.2

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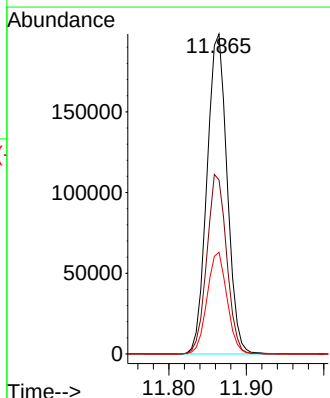
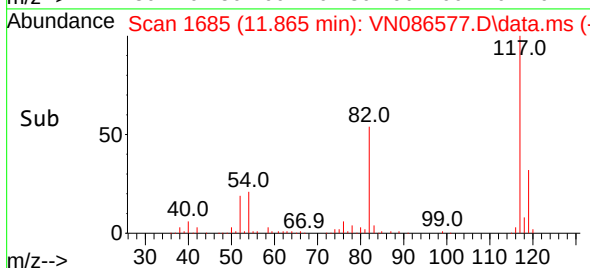
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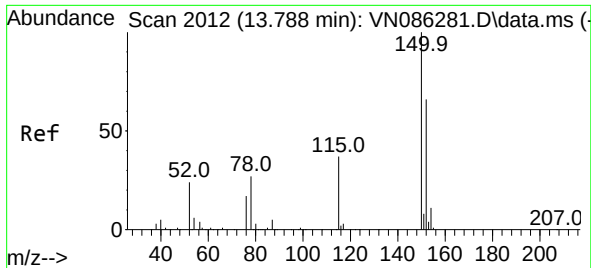


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086577.D
Acq: 12 May 2025 13:40



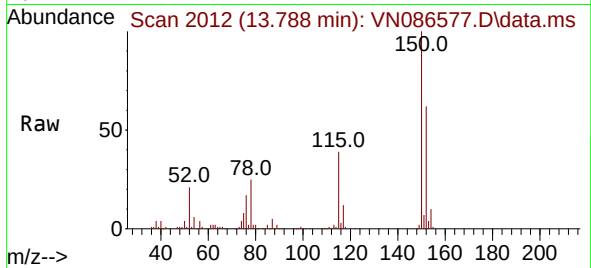
Tgt Ion:117 Resp: 358081
Ion Ratio Lower Upper
117 100
82 54.4 44.7 67.1
119 31.8 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086577.D
 Acq: 12 May 2025 13:40

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167932ZHE#02



Tgt Ion:152 Resp: 148492
 Ion Ratio Lower Upper
 152 100
 115 61.7 31.9 95.9
 150 157.9 0.0 352.0

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