

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051225\
 Data File : VN086582.D
 Acq On : 12 May 2025 15:40
 Operator : JC\MD
 Sample : PB167932ZHE#07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167932ZHE#07

Manual Integrations
 APPROVED

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

Quant Time: May 13 01:53:53 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	187035	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	351653	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	348036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	148103	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	130651	48.172	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.340%		
35) Dibromofluoromethane	8.165	113	104054	63.756	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	127.520%#		
50) Toluene-d8	10.565	98	455697	52.244	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.480%		
62) 4-Bromofluorobenzene	12.847	95	166064	52.197	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	104.400%		
Target Compounds					Qvalue	
16) Acetone	4.436	43	22083	18.260	ug/l	97
20) Methylene Chloride	5.271	84	4578	1.826	ug/l #	93
43) Isopropyl Acetate	8.688	43	27111m	2.587	ug/l	

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

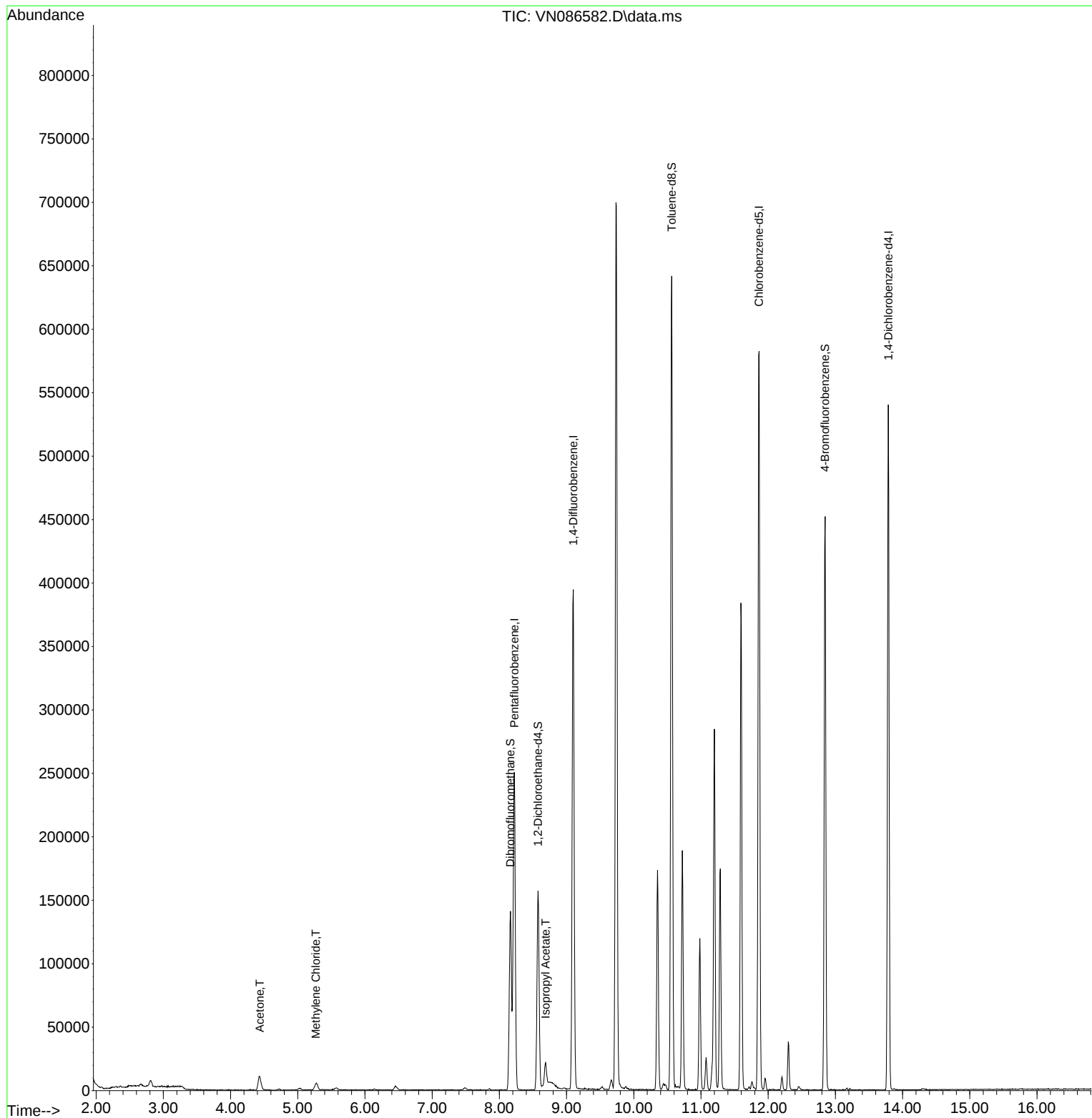
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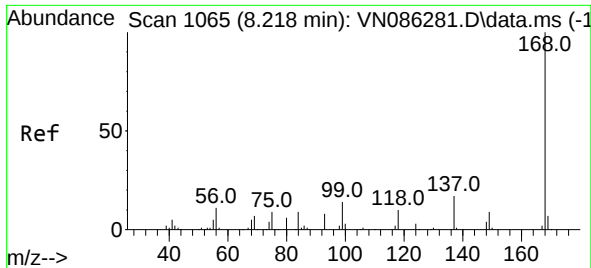
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Quant Time: May 13 01:53:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
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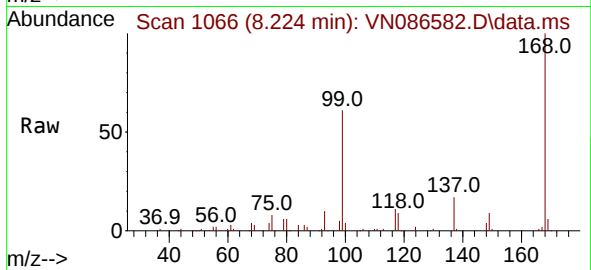
Reviewed By :Mahesh Dadoda 05/13/2025
Supervised By :Semsettin Yesilyurt 05/13/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086582.D
Acq: 12 May 2025 15:40

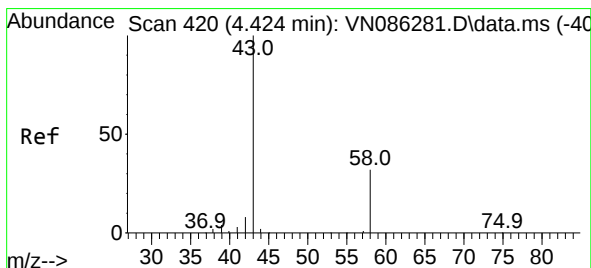
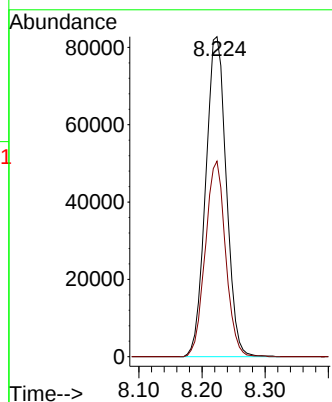
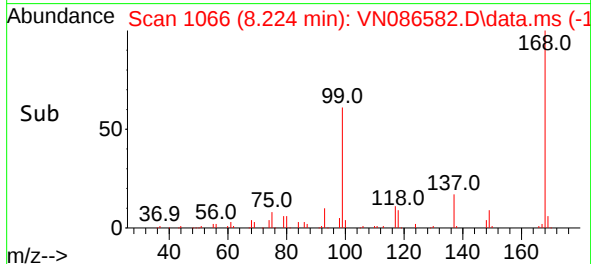
Instrument :
MSVOA_N
ClientSampleId :
PB167932ZHE#07



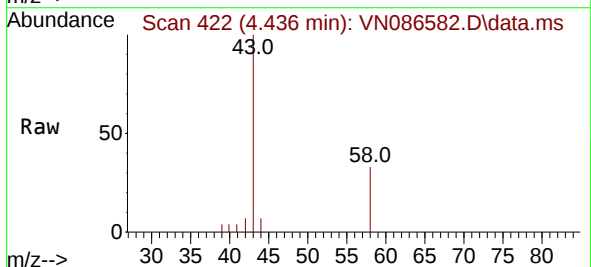
Tgt Ion:168 Resp: 187035
Ion Ratio Lower Upper
168 100
99 61.1 52.5 78.7

Manual Integrations
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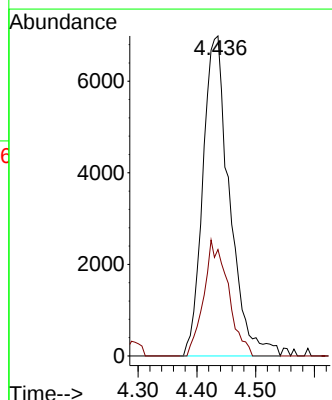
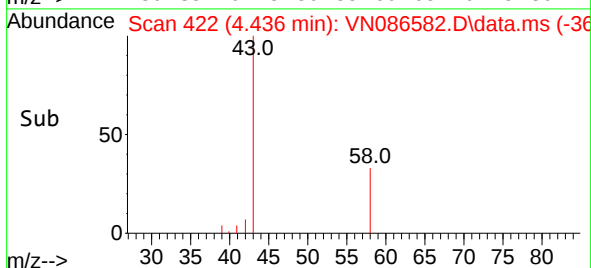
Reviewed By :Mahesh Dadoda 05/13/2025
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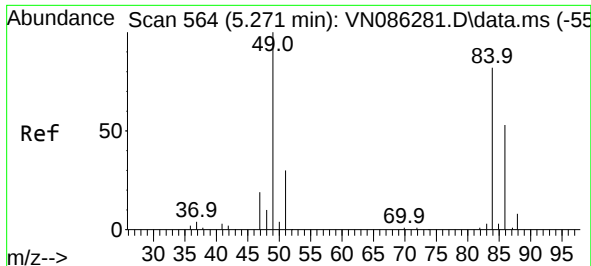


#16
Acetone
Concen: 18.260 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN086582.D
Acq: 12 May 2025 15:40



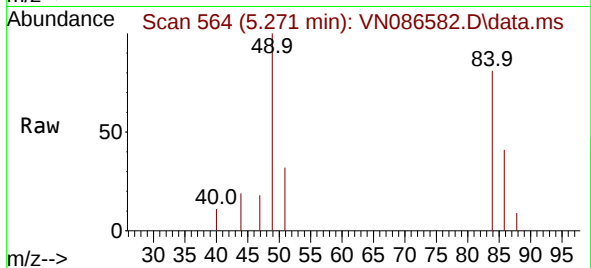
Tgt Ion: 43 Resp: 22083
Ion Ratio Lower Upper
43 100
58 33.3 25.3 37.9





#20
Methylene Chloride
Concen: 1.826 ug/l
RT: 5.271 min Scan# 50
Delta R.T. 0.000 min
Lab File: VN086582.D
Acq: 12 May 2025 15:40

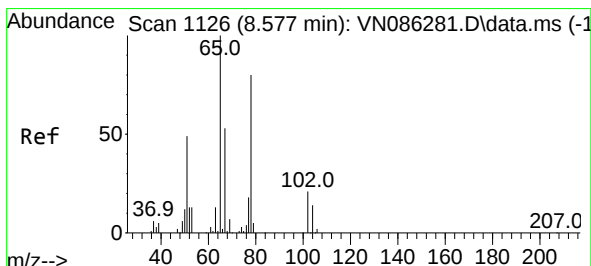
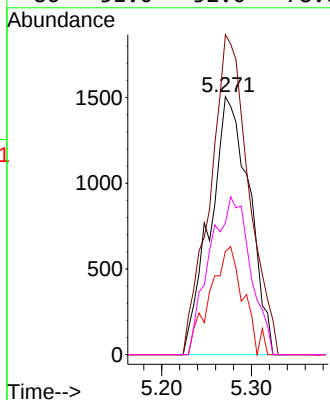
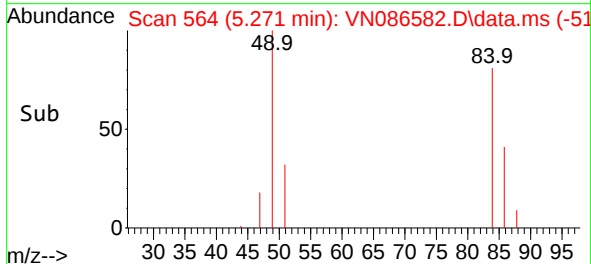
Instrument :
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ClientSampleId :
PB167932ZHE#07



Tgt Ion: 84 Resp: 4578
Ion Ratio Lower Upper
84 100
49 124.1 98.2 147.2
51 40.1 29.8 44.6
86 51.0 52.0 78.0#

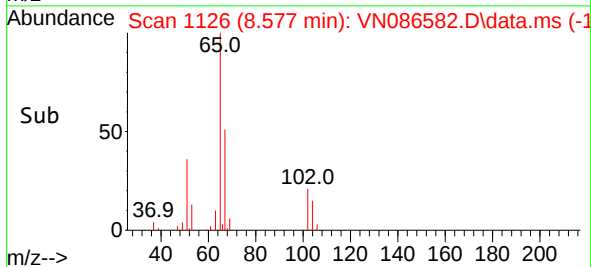
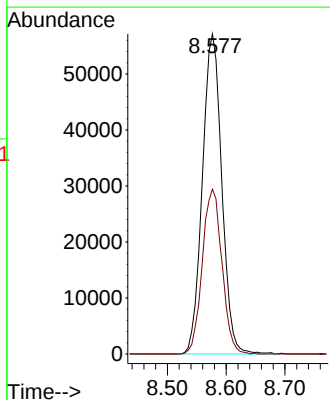
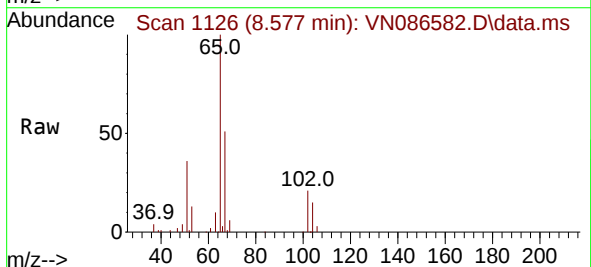
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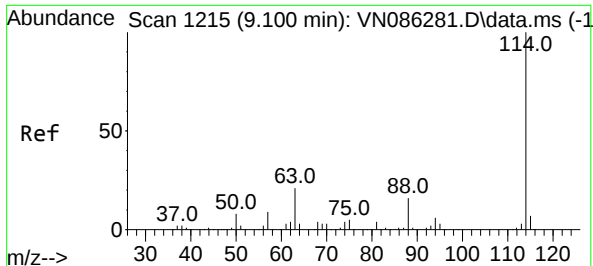
Reviewed By :Mahesh Dadoda 05/13/2025
Supervised By :Semsettin Yesilyurt 05/13/2025



#33
1,2-Dichloroethane-d4
Concen: 48.172 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086582.D
Acq: 12 May 2025 15:40

Tgt Ion: 65 Resp: 130651
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN086582.D

Acq: 12 May 2025 15:40

Instrument :

MSVOA_N

ClientSampleId :

PB167932ZHE#07

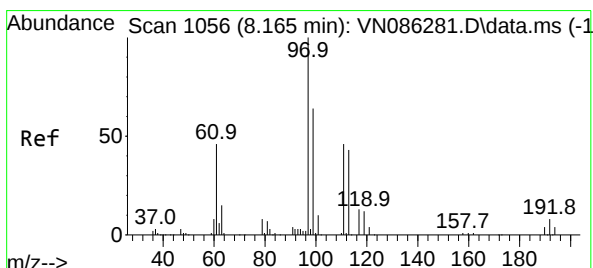
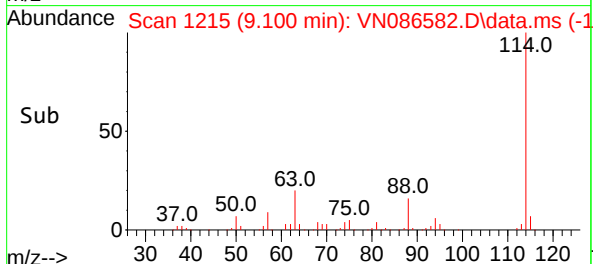
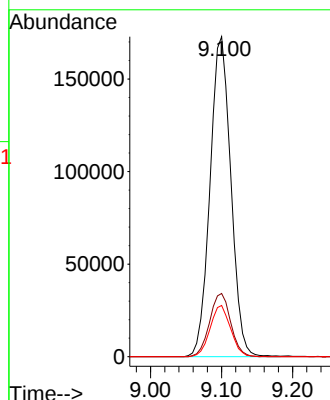
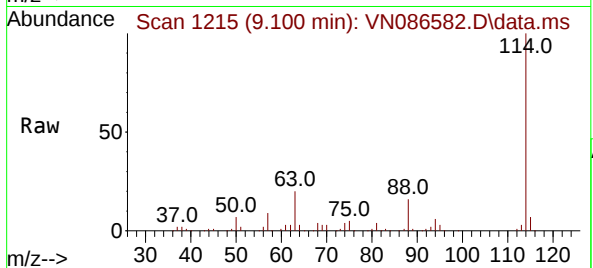
Tgt Ion:114 Resp: 35165

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	42.6
88	16.0	0.0	31.8

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#35

Dibromofluoromethane

Concen: 63.756 ug/l

RT: 8.165 min Scan# 1056

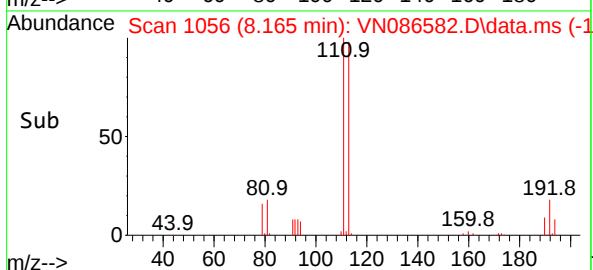
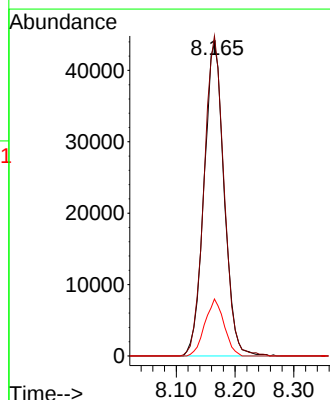
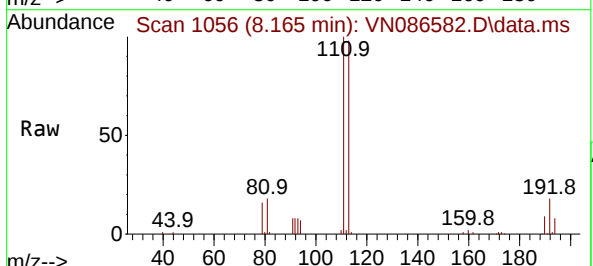
Delta R.T. 0.000 min

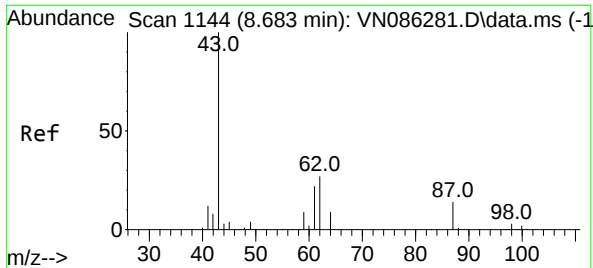
Lab File: VN086582.D

Acq: 12 May 2025 15:40

Tgt Ion:113 Resp: 104054

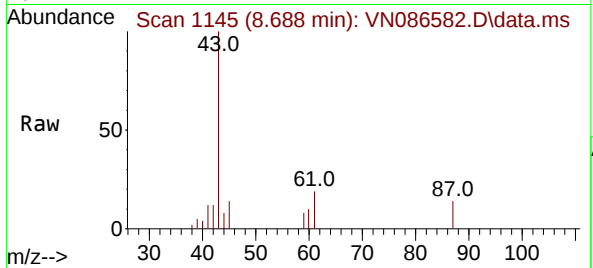
Ion	Ratio	Lower	Upper
113	100		
111	101.4	83.4	125.0
192	17.4	13.7	20.5





#43
Isopropyl Acetate
Concen: 2.587 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN086582.D
Acq: 12 May 2025 15:40

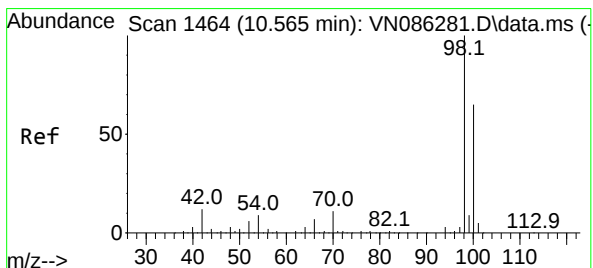
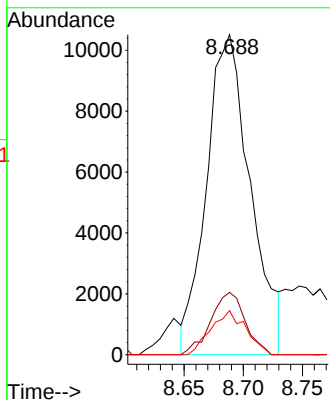
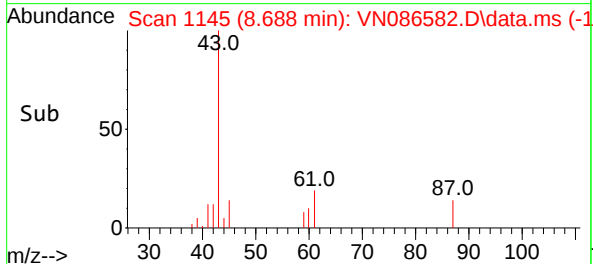
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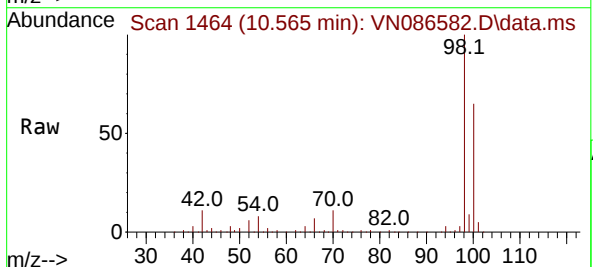
Tgt Ion: 43 Resp: 2711
Ion Ratio Lower Upper
43 100
61 15.4 20.5 30.7
87 11.0 10.5 15.7

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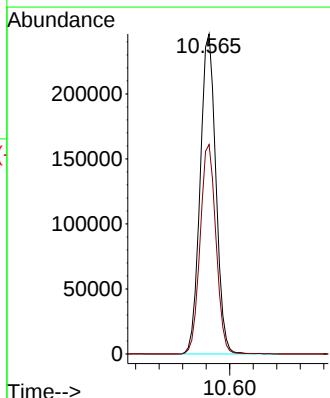
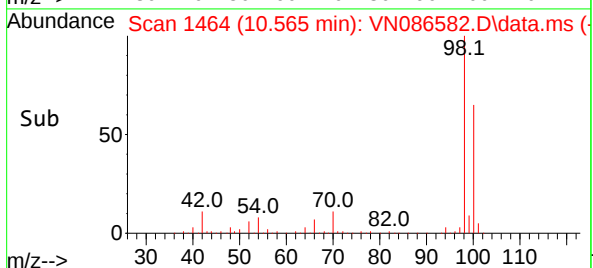
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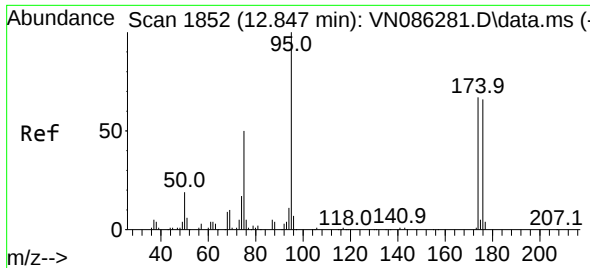


#50
Toluene-d8
Concen: 52.244 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086582.D
Acq: 12 May 2025 15:40



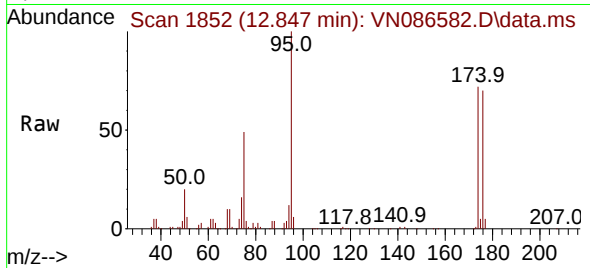
Tgt Ion: 98 Resp: 455697
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7





#62
4-Bromofluorobenzene
Concen: 52.197 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086582.D
Acq: 12 May 2025 15:40

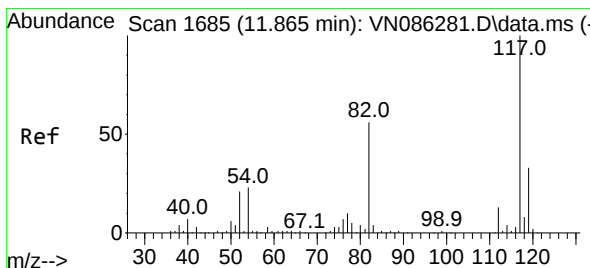
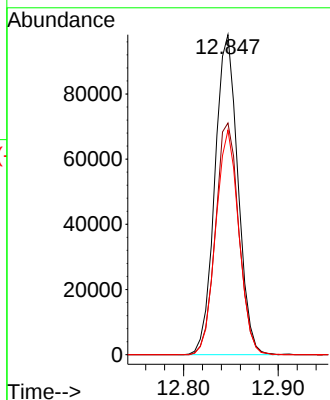
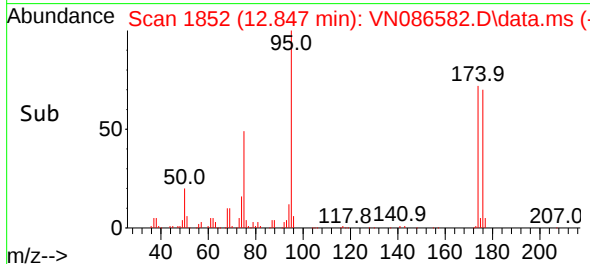
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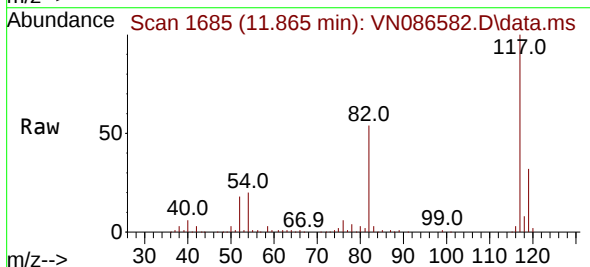
Tgt Ion: 95 Resp: 166064
Ion Ratio Lower Upper
95 100
174 73.3 0.0 133.4
176 70.2 0.0 129.2

Manual Integrations
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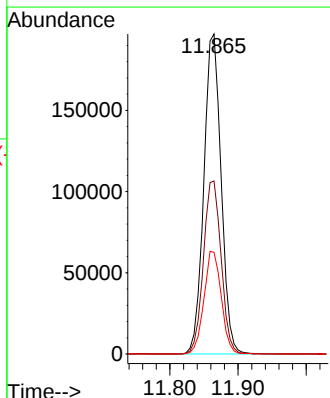
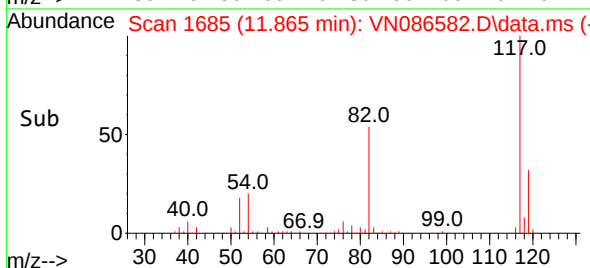
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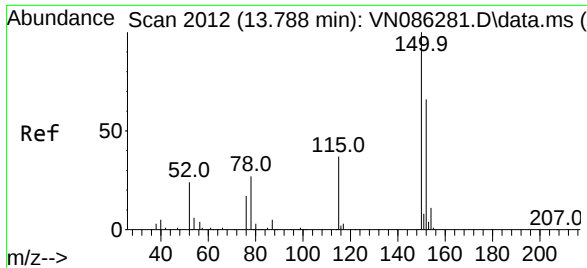


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086582.D
Acq: 12 May 2025 15:40



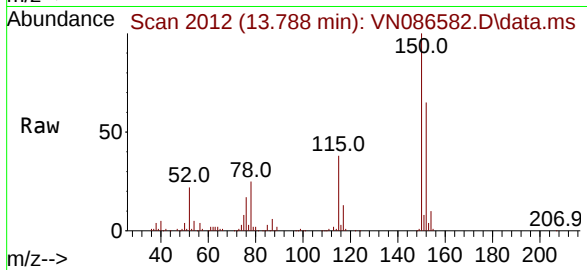
Tgt Ion:117 Resp: 348036
Ion Ratio Lower Upper
117 100
82 54.0 44.7 67.1
119 31.7 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086582.D
 Acq: 12 May 2025 15:40

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167932ZHE#07



Tgt Ion:152 Resp: 14810
 Ion Ratio Lower Upper
 152 100
 115 61.2 31.9 95.9
 150 159.0 0.0 352.0

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