

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051225\
 Data File : VN086585.D
 Acq On : 12 May 2025 16:53
 Operator : JC\MD
 Sample : PB167932ZHE#10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167932ZHE#10

Manual Integrations
 APPROVED

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

Quant Time: May 13 01:55:20 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	167719	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	320626	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	318132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	129738	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118880	48.880	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.760%		
35) Dibromofluoromethane	8.165	113	93445	62.796	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	125.600%#		
50) Toluene-d8	10.565	98	416009	52.309	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.620%		
62) 4-Bromofluorobenzene	12.847	95	143888	49.603	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.200%		
Target Compounds					Qvalue	
16) Acetone	4.430	43	22260	21.251	ug/l	97
20) Methylene Chloride	5.283	84	4432	1.971	ug/l #	90
43) Isopropyl Acetate	8.688	43	29190m	3.396	ug/l	

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

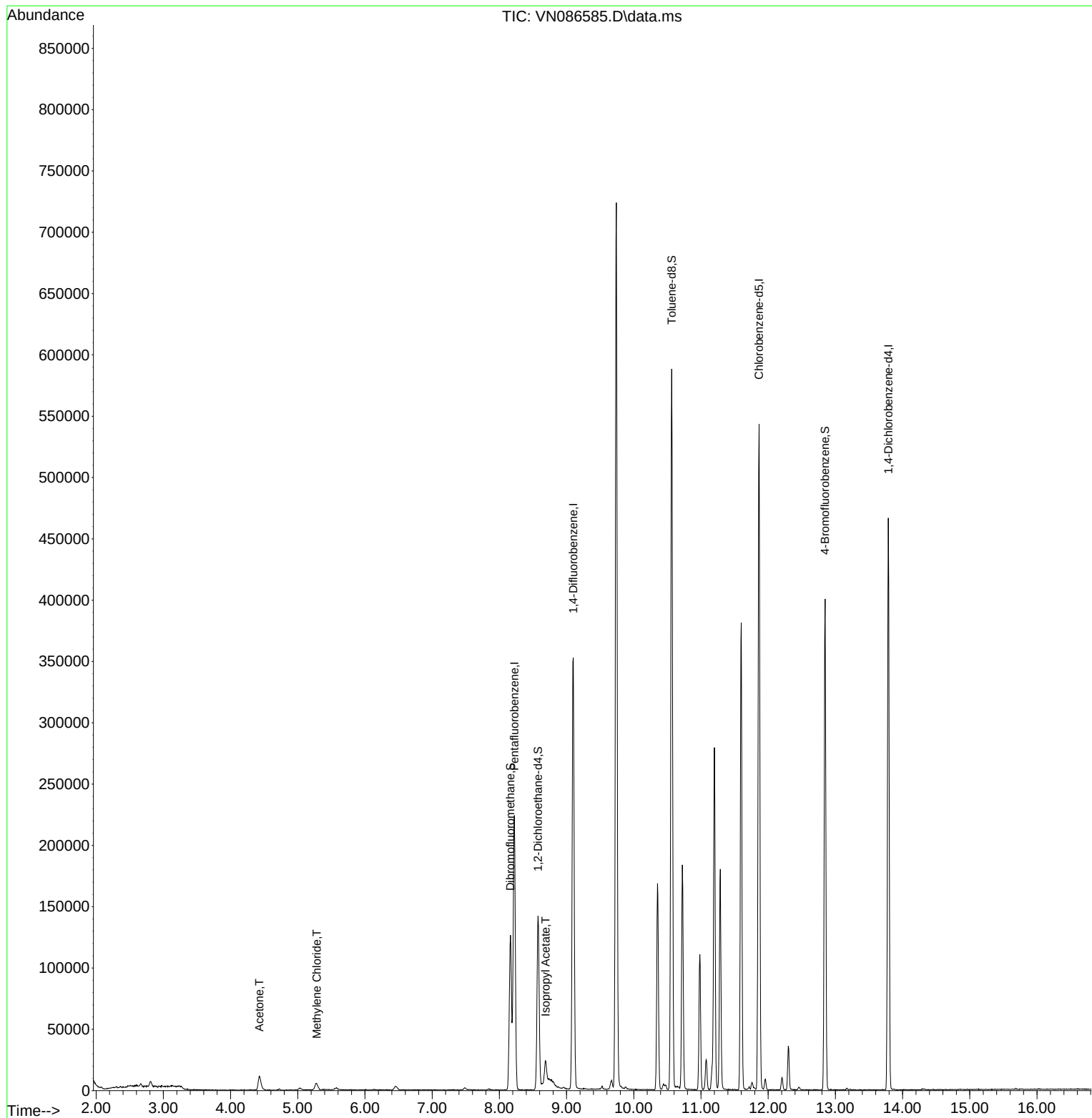
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051225\
Data File : VN086585.D
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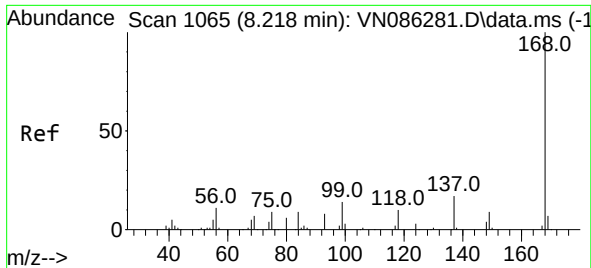
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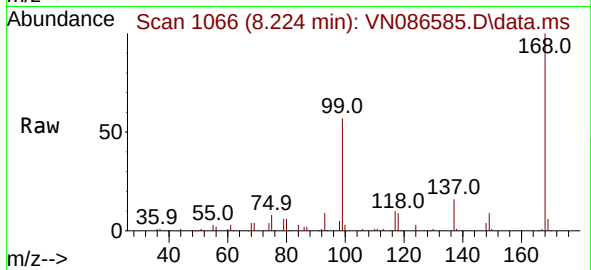
Quant Time: May 13 01:55:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086585.D
Acq: 12 May 2025 16:53

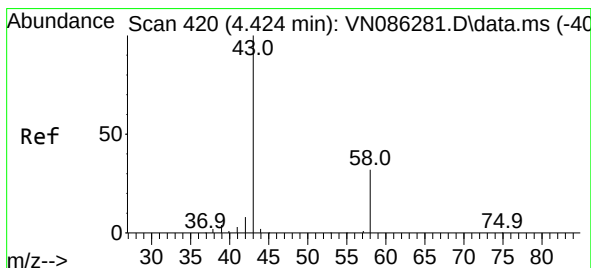
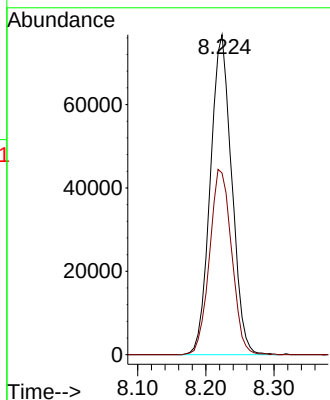
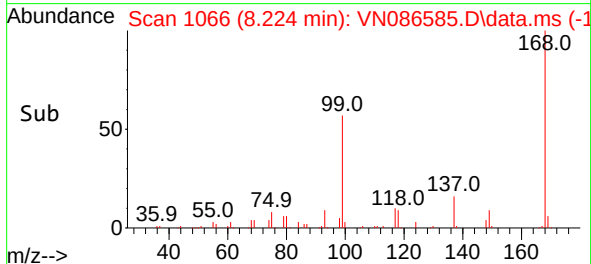
Instrument :
MSVOA_N
ClientSampleId :
PB167932ZHE#10



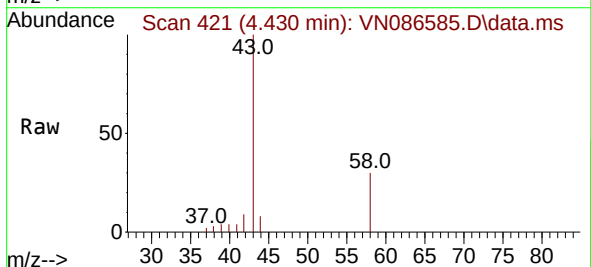
Tgt Ion:168 Resp: 167719
Ion Ratio Lower Upper
168 100
99 56.8 52.5 78.7

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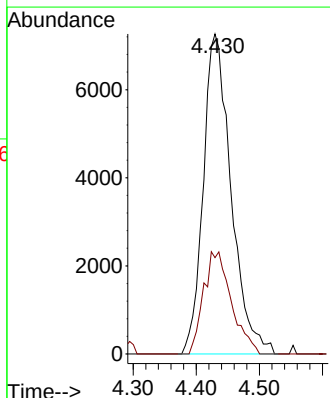
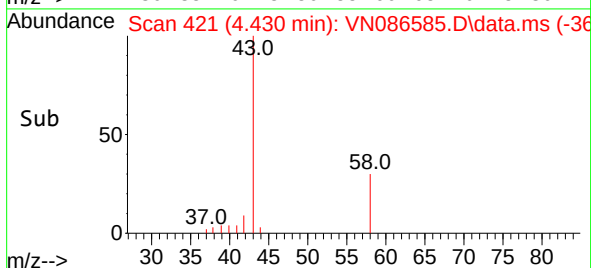
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Supervised By :Semsettin Yesilyurt 05/13/2025

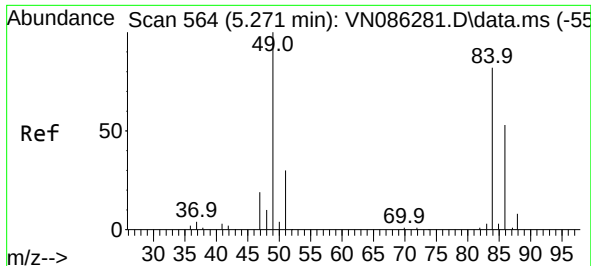


#16
Acetone
Concen: 21.251 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086585.D
Acq: 12 May 2025 16:53



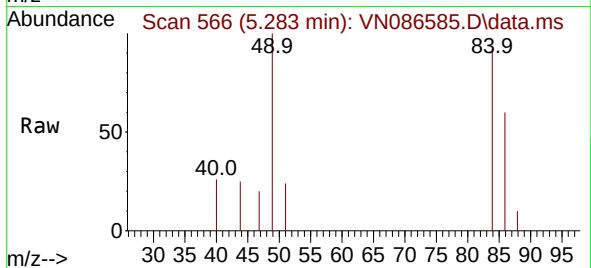
Tgt Ion: 43 Resp: 22260
Ion Ratio Lower Upper
43 100
58 30.1 25.3 37.9





#20
Methylene Chloride
Concen: 1.971 ug/l
RT: 5.283 min Scan# 50
Delta R.T. 0.012 min
Lab File: VN086585.D
Acq: 12 May 2025 16:53

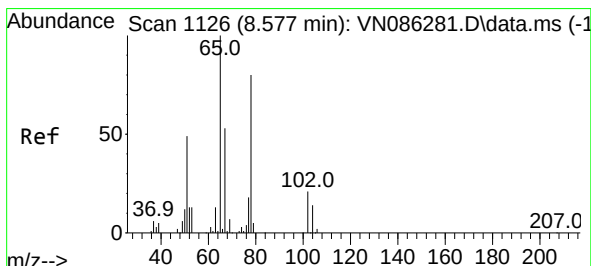
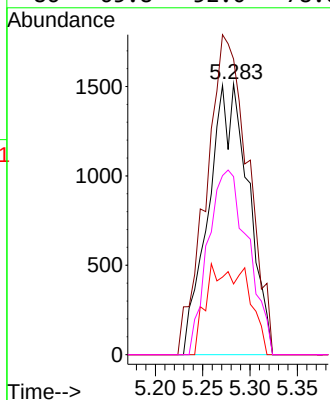
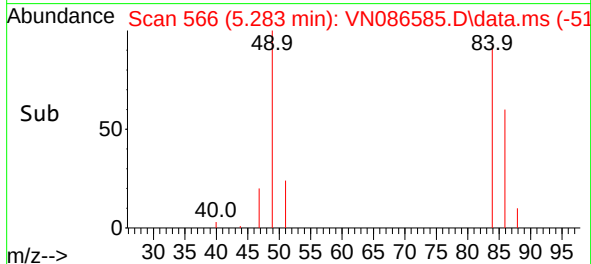
Instrument :
MSVOA_N
ClientSampleId :
PB167932ZHE#10



Tgt Ion: 84 Resp: 443
Ion Ratio Lower Upper
84 100
49 109.2 98.2 147.2
51 26.1 29.8 44.6
86 65.8 52.0 78.0

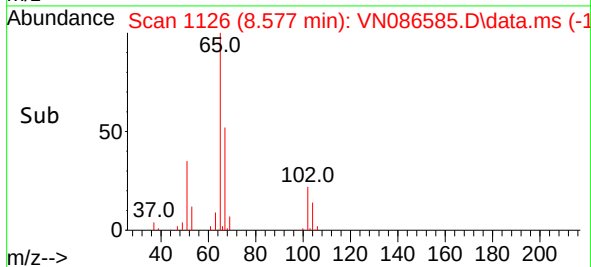
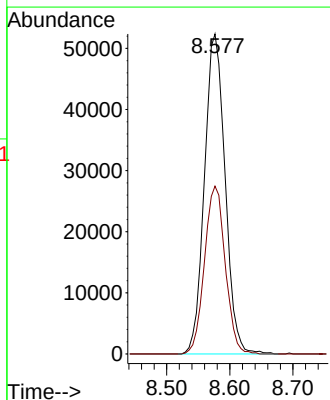
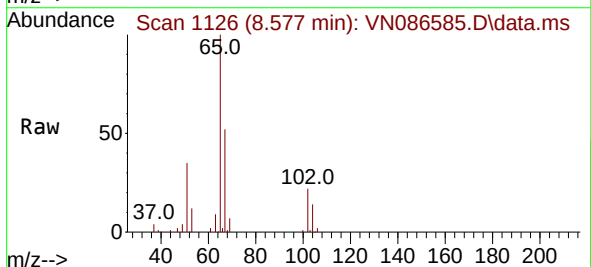
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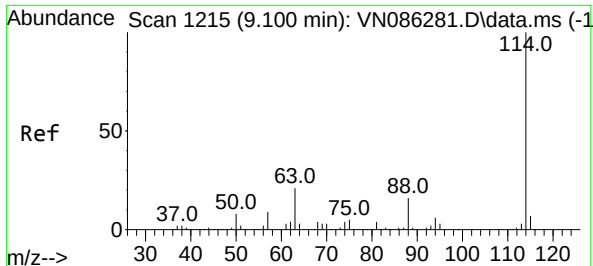
Reviewed By :Mahesh Dadoda 05/13/2025
Supervised By :Semsettin Yesilyurt 05/13/2025



#33
1,2-Dichloroethane-d4
Concen: 48.880 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086585.D
Acq: 12 May 2025 16:53

Tgt Ion: 65 Resp: 118880
Ion Ratio Lower Upper
65 100
67 52.6 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: VN086585.D

Acq: 12 May 2025 16:53

Instrument :

MSVOA_N

ClientSampleId :

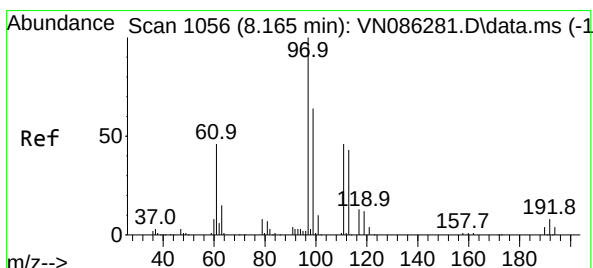
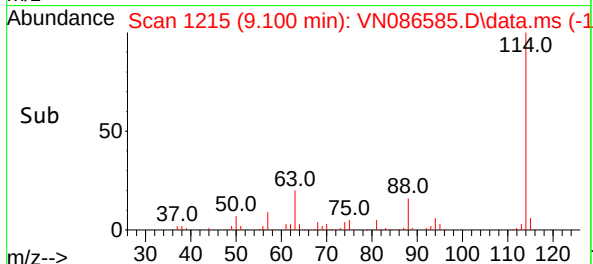
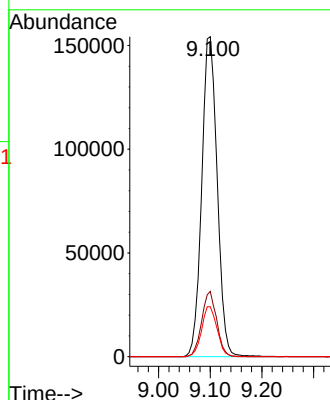
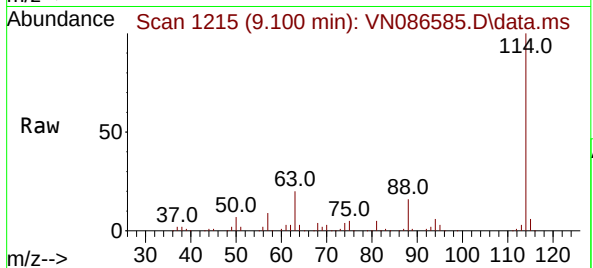
PB167932ZHE#10

Tgt Ion:114	Resp: 320620
Ion Ratio	Lower Upper
114 100	
63 20.4	0.0 42.6
88 15.6	0.0 31.8

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#35

Dibromofluoromethane

Concen: 62.796 ug/l

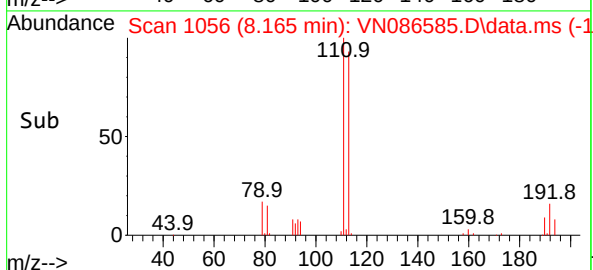
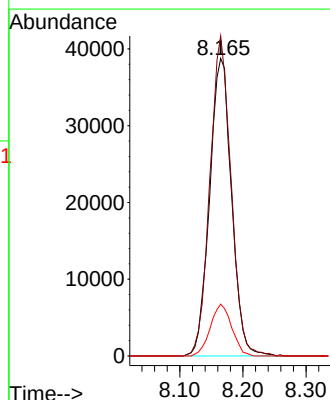
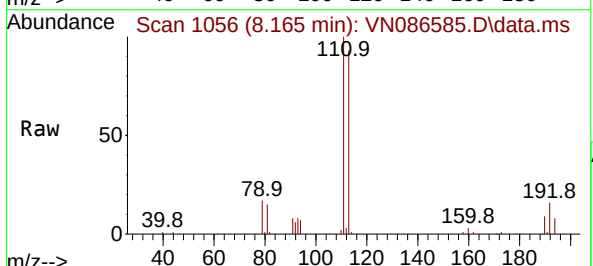
RT: 8.165 min Scan# 1056

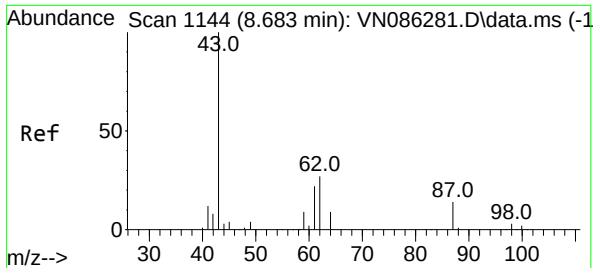
Delta R.T. -0.000 min

Lab File: VN086585.D

Acq: 12 May 2025 16:53

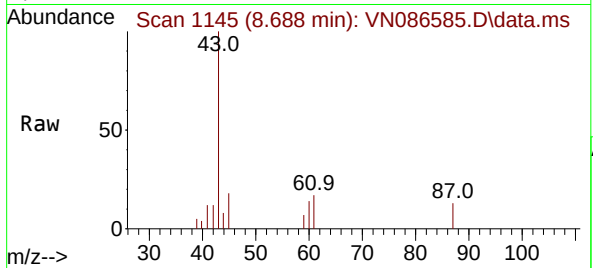
Tgt Ion:113	Resp: 93445
Ion Ratio	Lower Upper
113 100	
111 103.8	83.4 125.0
192 17.0	13.7 20.5





#43
Isopropyl Acetate
Concen: 3.396 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN086585.D
Acq: 12 May 2025 16:53

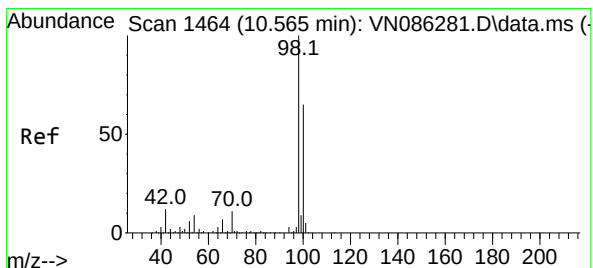
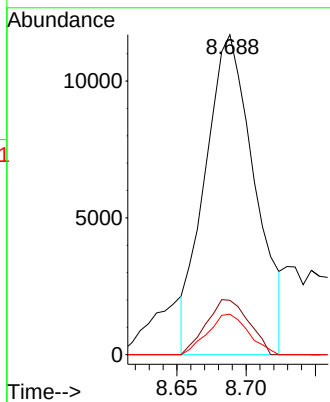
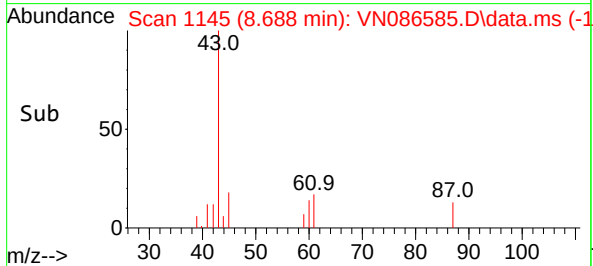
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PB167932ZHE#10



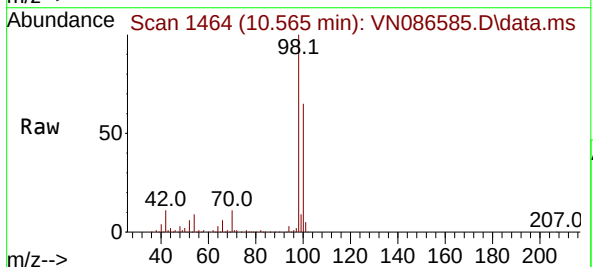
Tgt Ion: 43 Resp: 29190
Ion Ratio Lower Upper
43 100
61 14.7 20.5 30.7
87 10.4 10.5 15.7

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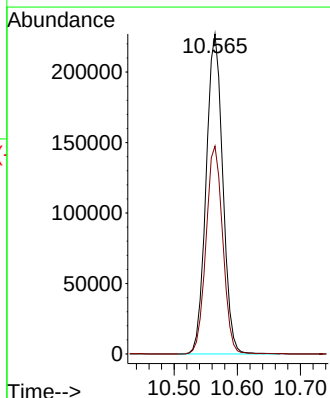
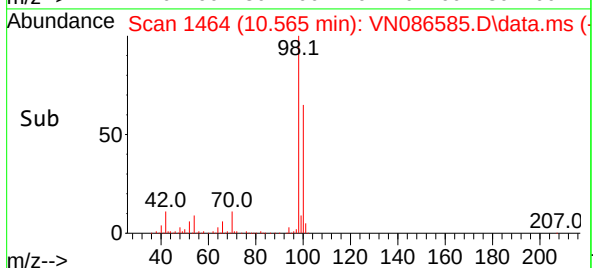
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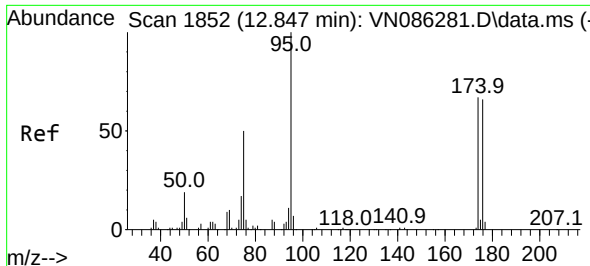


#50
Toluene-d8
Concen: 52.309 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086585.D
Acq: 12 May 2025 16:53



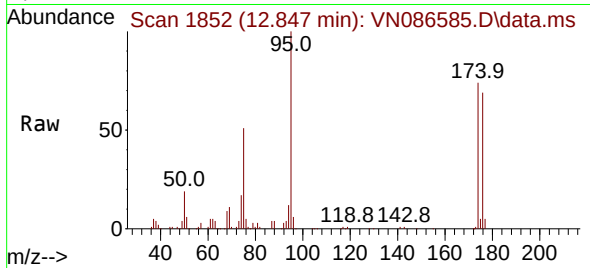
Tgt Ion: 98 Resp: 416009
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7





#62
4-Bromofluorobenzene
Concen: 49.603 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086585.D
Acq: 12 May 2025 16:53

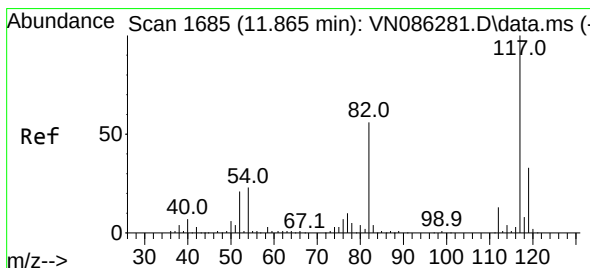
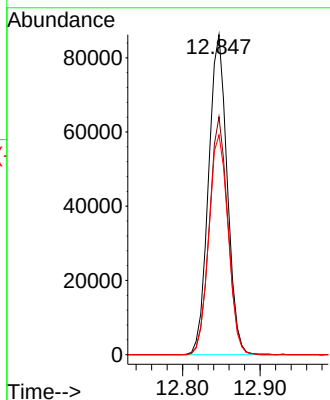
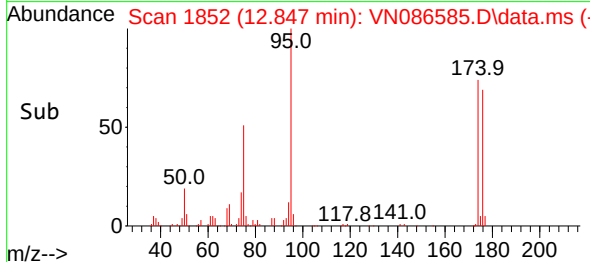
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PB167932ZHE#10



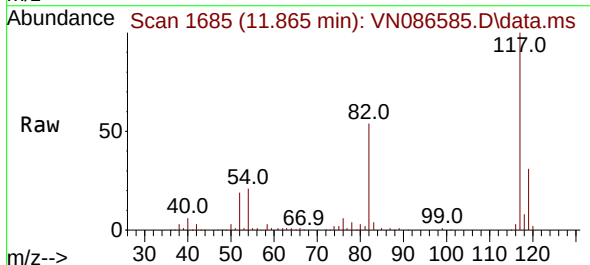
Tgt Ion: 95 Resp: 14388
Ion Ratio Lower Upper
95 100
174 74.1 0.0 133.4
176 70.9 0.0 129.2

Manual Integrations
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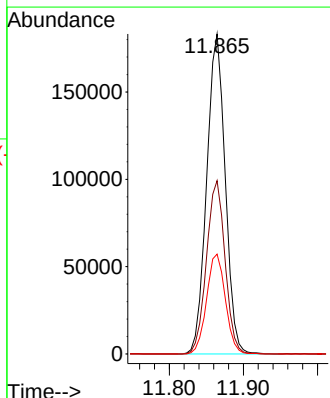
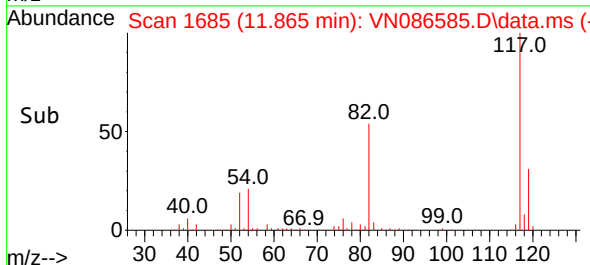
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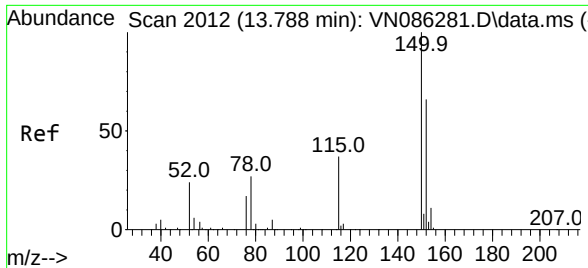


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086585.D
Acq: 12 May 2025 16:53



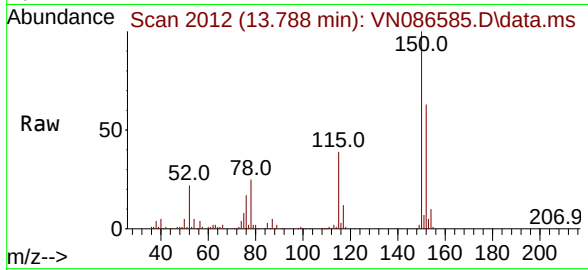
Tgt Ion:117 Resp: 318132
Ion Ratio Lower Upper
117 100
82 54.1 44.7 67.1
119 31.2 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086585.D
 Acq: 12 May 2025 16:53

Instrument :
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 ClientSampleId :
 PB167932ZHE#10



Tgt Ion:152 Resp: 129738
 Ion Ratio Lower Upper
 152 100
 115 60.4 31.9 95.9
 150 158.6 0.0 352.0

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