

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051225\
 Data File : VN086584.D
 Acq On : 12 May 2025 16:29
 Operator : JC\MD
 Sample : PB167932ZHE#09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167932ZHE#09

Manual Integrations
 APPROVED

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

Quant Time: May 13 01:54:51 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	173280	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	324070	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	311984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	128702	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	119427	47.529	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.060%		
35) Dibromofluoromethane	8.165	113	94597	62.895	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	125.780%#		
50) Toluene-d8	10.565	98	415536	51.694	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.380%		
62) 4-Bromofluorobenzene	12.847	95	143535	48.956	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.920%		
Target Compounds						
16) Acetone	4.430	43	22094	20.186	ug/l	95
20) Methylene Chloride	5.277	84	4823	2.076	ug/l #	82
43) Isopropyl Acetate	8.683	43	26261m	2.816	ug/l	

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

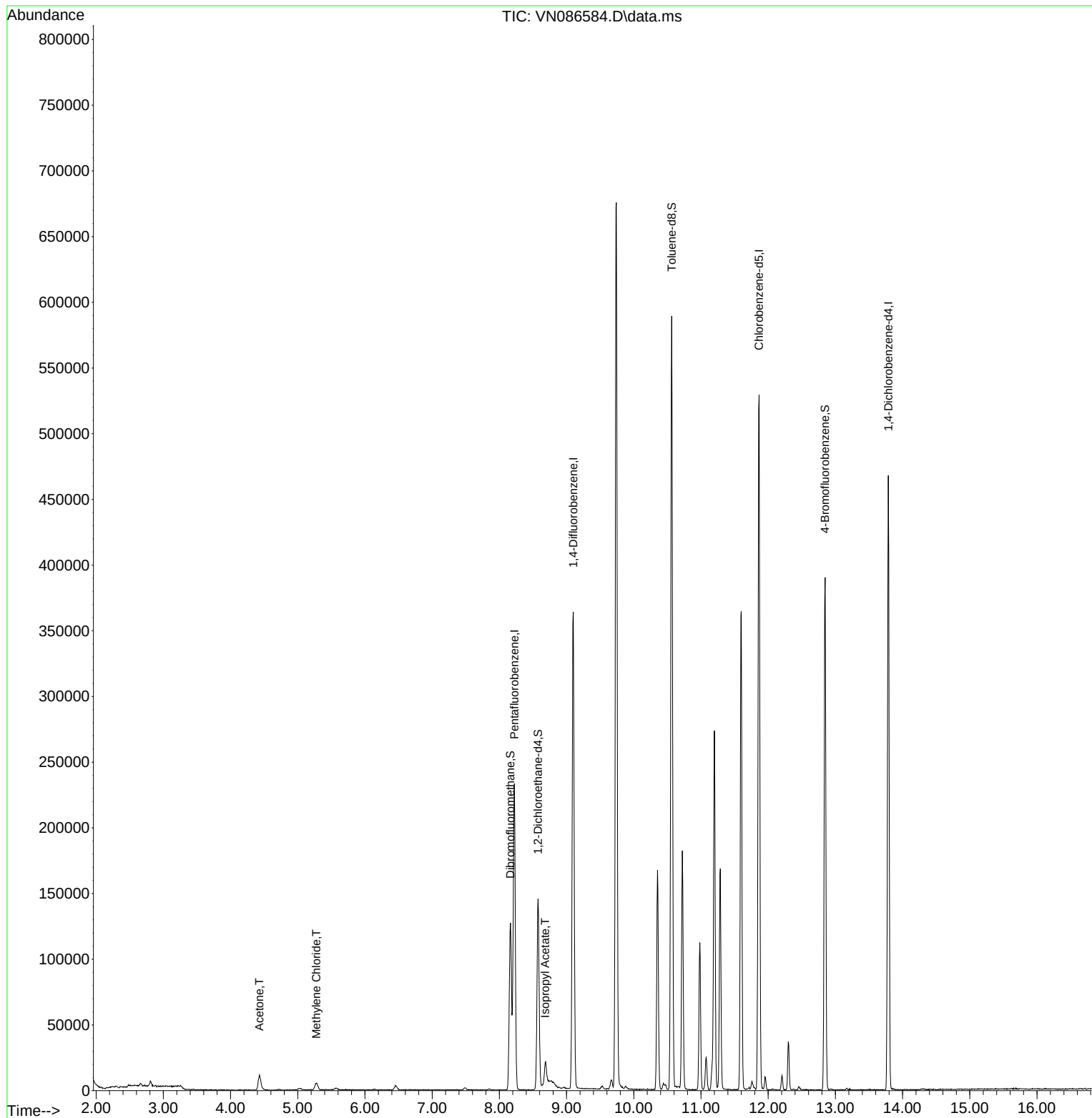
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051225\
Data File : VN086584.D
Acq On : 12 May 2025 16:29
Operator : JC\MD
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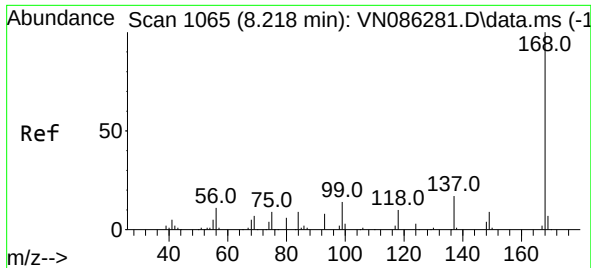
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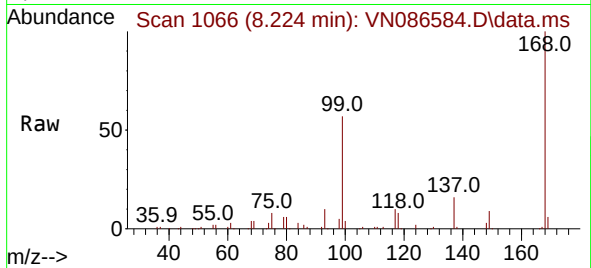
Quant Time: May 13 01:54:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086584.D
Acq: 12 May 2025 16:29

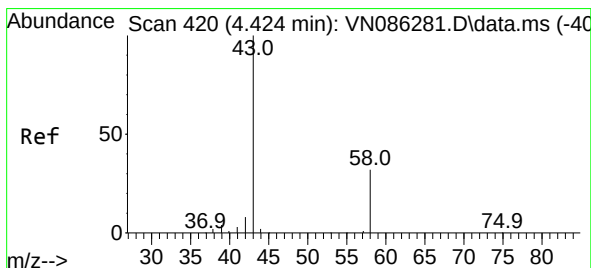
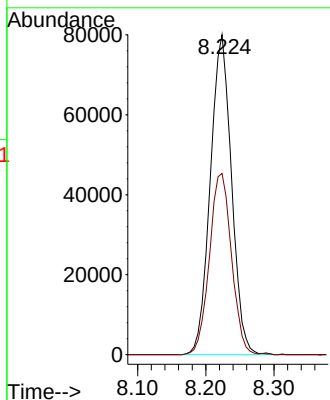
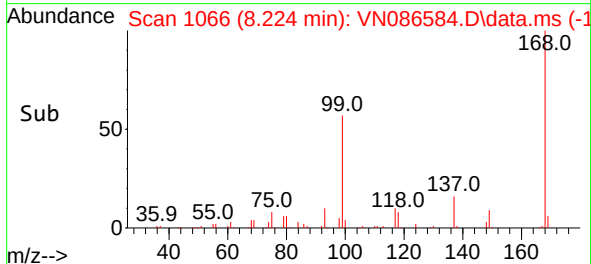
Instrument :
MSVOA_N
ClientSampleId :
PB167932ZHE#09



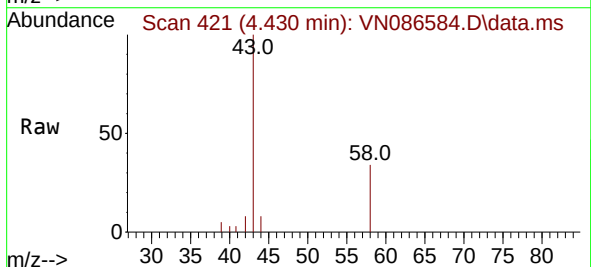
Tgt Ion:168 Resp: 173280
Ion Ratio Lower Upper
168 100
99 56.7 52.5 78.7

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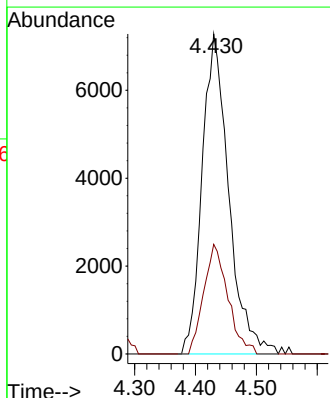
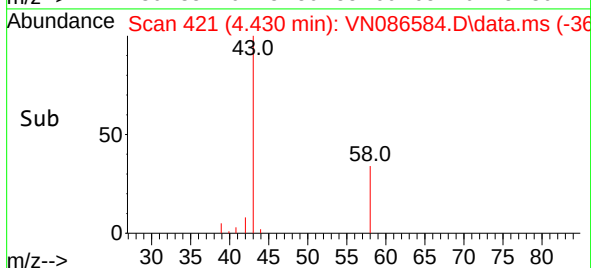
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Supervised By :Semsettin Yesilyurt 05/13/2025

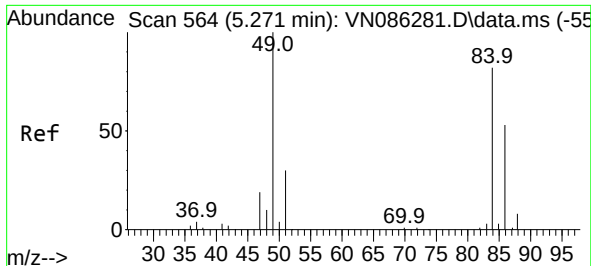


#16
Acetone
Concen: 20.186 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086584.D
Acq: 12 May 2025 16:29



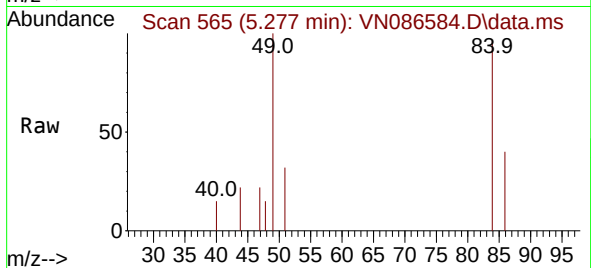
Tgt Ion: 43 Resp: 22094
Ion Ratio Lower Upper
43 100
58 34.2 25.3 37.9





#20
Methylene Chloride
Concen: 2.076 ug/l
RT: 5.277 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN086584.D
Acq: 12 May 2025 16:29

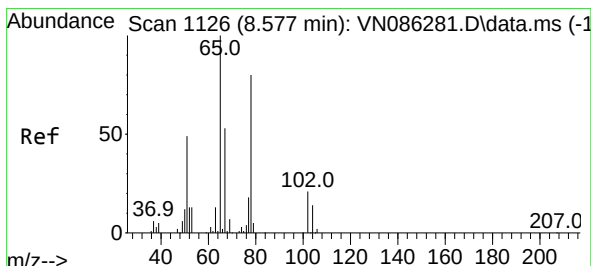
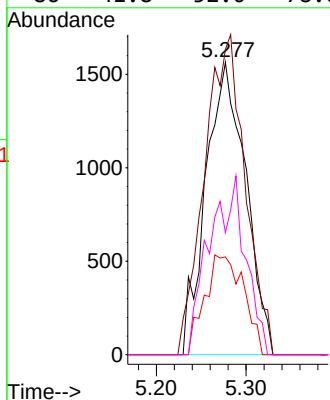
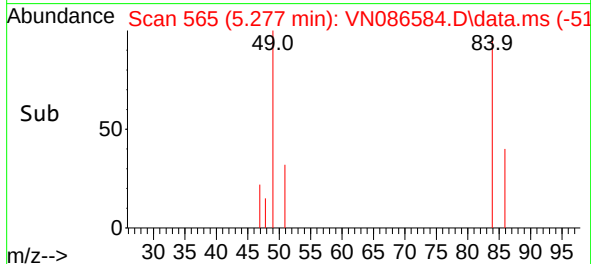
Instrument :
MSVOA_N
ClientSampleId :
PB167932ZHE#09



Tgt Ion: 84 Resp: 482
Ion Ratio Lower Upper
84 100
49 104.4 98.2 147.2
51 33.4 29.8 44.6
86 41.8 52.0 78.0#

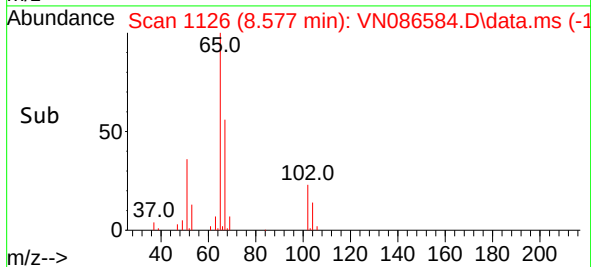
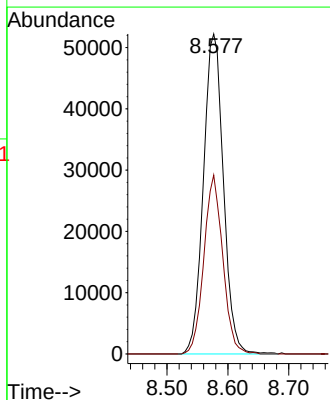
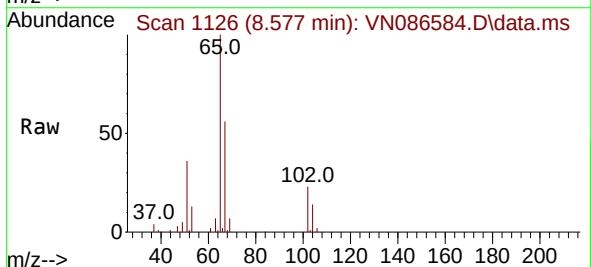
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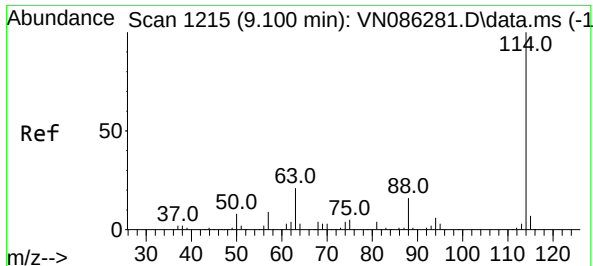
Reviewed By :Mahesh Dadoda 05/13/2025
Supervised By :Semsettin Yesilyurt 05/13/2025



#33
1,2-Dichloroethane-d4
Concen: 47.529 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086584.D
Acq: 12 May 2025 16:29

Tgt Ion: 65 Resp: 119427
Ion Ratio Lower Upper
65 100
67 52.7 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: VN086584.D

Acq: 12 May 2025 16:29

Instrument :

MSVOA_N

ClientSampleId :

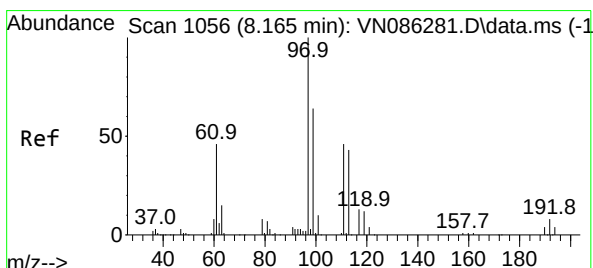
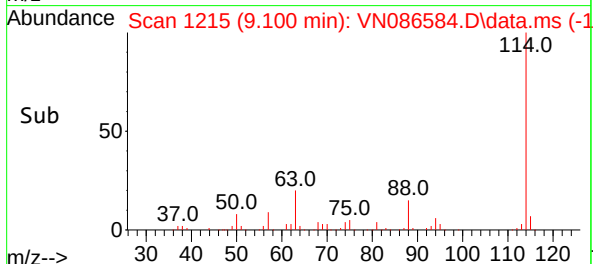
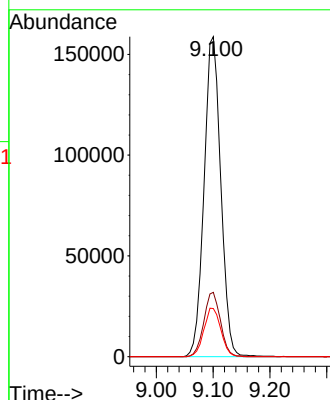
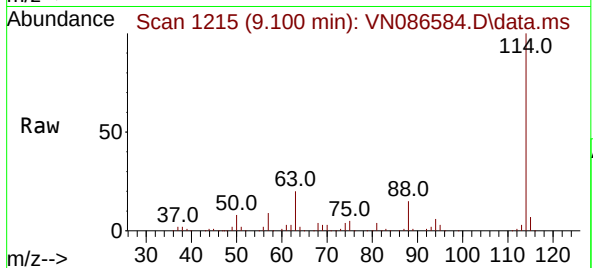
PB167932ZHE#09

Tgt Ion:114	Resp:	324070
Ion Ratio	Lower	Upper
114	100	
63	20.1	0.0 42.6
88	15.0	0.0 31.8

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#35

Dibromofluoromethane

Concen: 62.895 ug/l

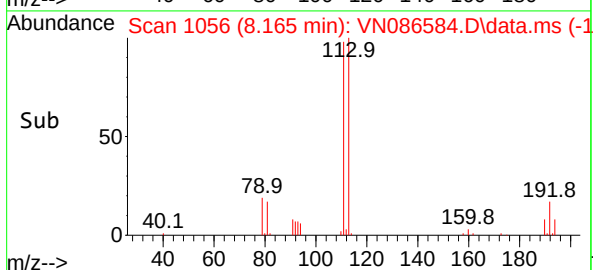
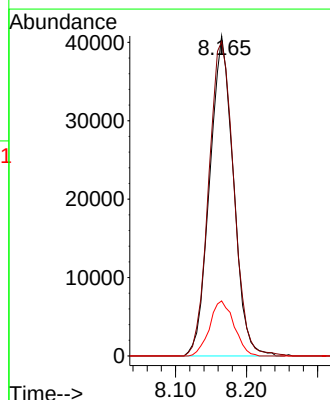
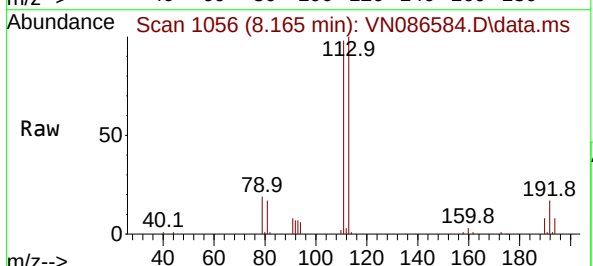
RT: 8.165 min Scan# 1056

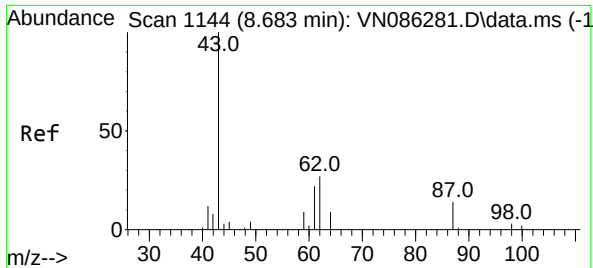
Delta R.T. 0.000 min

Lab File: VN086584.D

Acq: 12 May 2025 16:29

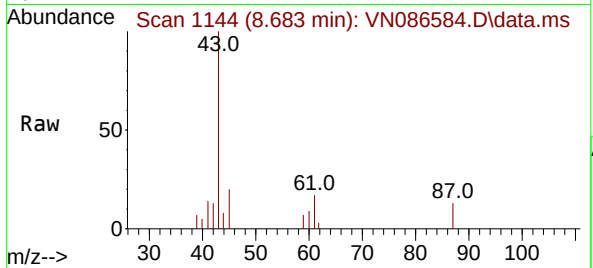
Tgt Ion:113	Resp:	94597
Ion Ratio	Lower	Upper
113	100	
111	103.5	83.4 125.0
192	17.7	13.7 20.5





#43
Isopropyl Acetate
Concen: 2.816 ug/l m
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086584.D
Acq: 12 May 2025 16:29

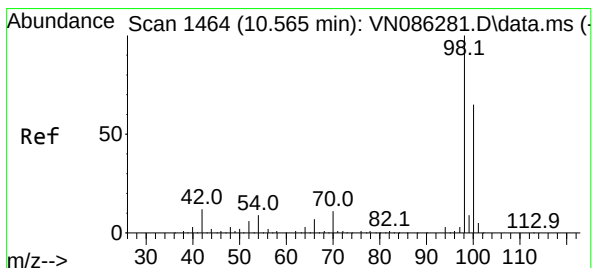
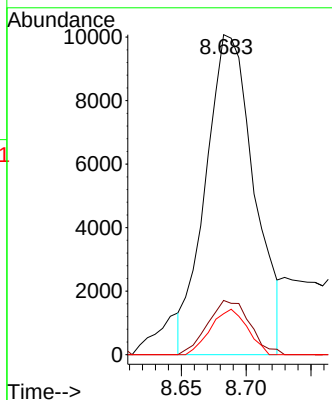
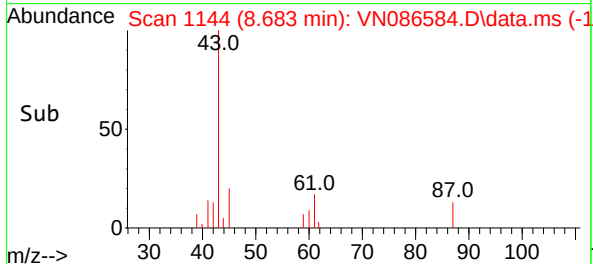
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ClientSampleId : PB167932ZHE#09



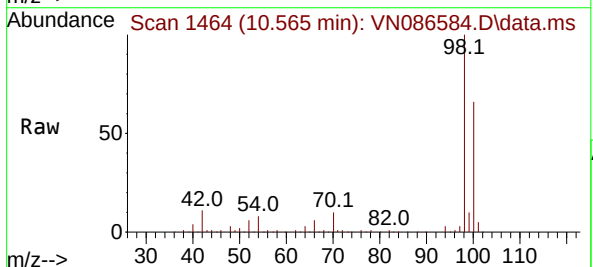
Tgt Ion: 43 Resp: 2626
Ion Ratio Lower Upper
43 100
61 14.8 20.5 30.7
87 10.8 10.5 15.7

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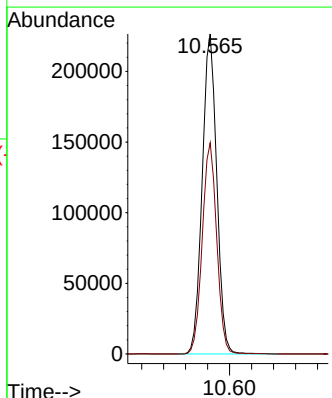
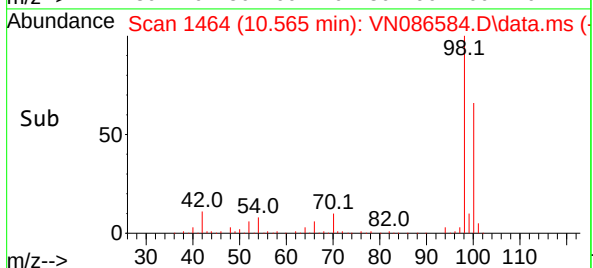
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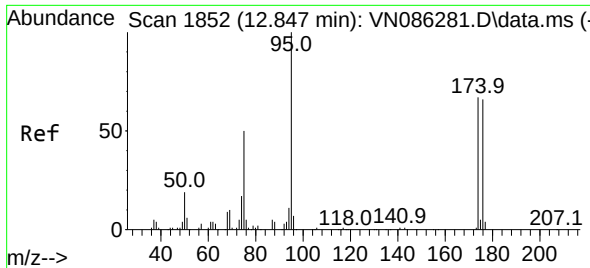


#50
Toluene-d8
Concen: 51.694 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086584.D
Acq: 12 May 2025 16:29



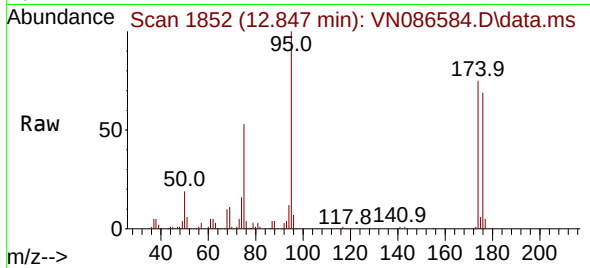
Tgt Ion: 98 Resp: 415536
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7





#62
4-Bromofluorobenzene
Concen: 48.956 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086584.D
Acq: 12 May 2025 16:29

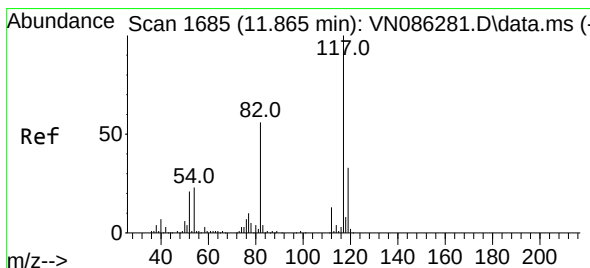
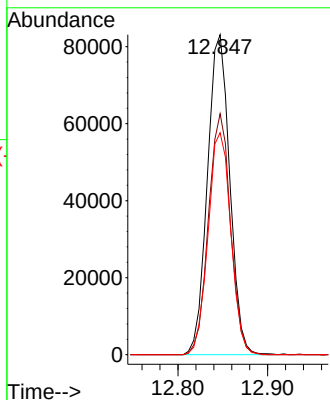
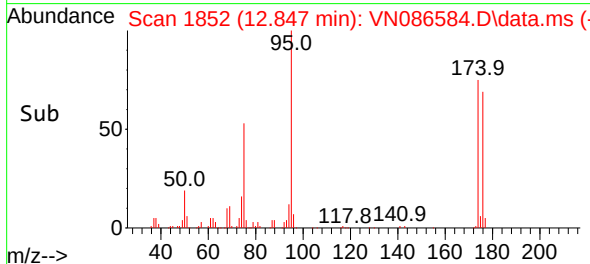
Instrument :
MSVOA_N
ClientSampleId :
PB167932ZHE#09



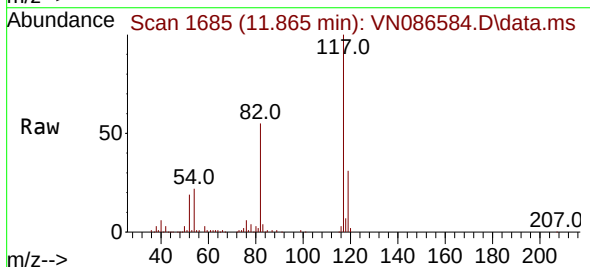
Tgt Ion: 95 Resp: 14353
Ion Ratio Lower Upper
95 100
174 74.4 0.0 133.4
176 70.5 0.0 129.2

Manual Integrations
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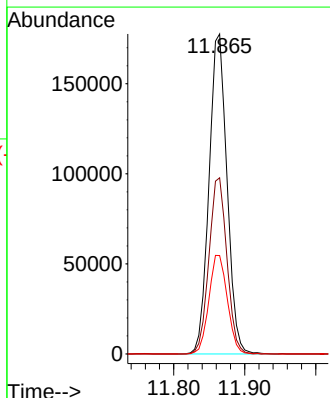
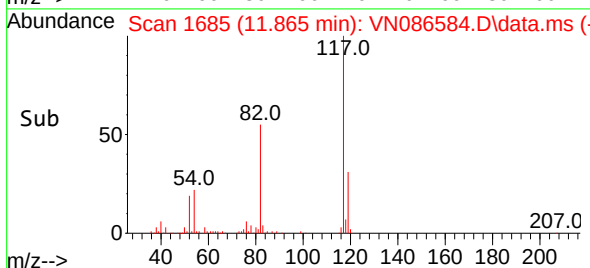
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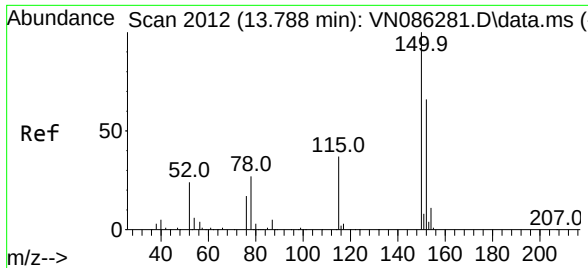


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086584.D
Acq: 12 May 2025 16:29



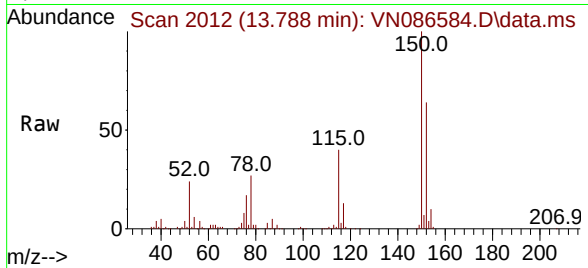
Tgt Ion:117 Resp: 311984
Ion Ratio Lower Upper
117 100
82 55.1 44.7 67.1
119 30.8 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN086584.D
 Acq: 12 May 2025 16:29

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167932ZHE#09



Tgt Ion:152 Resp: 128702
 Ion Ratio Lower Upper
 152 100
 115 60.4 31.9 95.9
 150 157.4 0.0 352.0

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