

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041125\
 Data File : VN086253.D
 Acq On : 11 Apr 2025 16:39
 Operator : JC\MD
 Sample : Q1774-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-074-IDWGW-20250409

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/14/2025
 Supervised By : Mahesh Dadoda 04/14/2025

Quant Time: Apr 12 01:51:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 12 01:21:52 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	7.818	128	19774	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.094	114	120171	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	102960	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	58937	30.558	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.867%
60) 4-Bromofluorobenzene	12.847	95	58540	28.558	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	95.200%
63) Toluene-d8	10.565	98	179971	30.962	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.200%
Target Compounds						
						Qvalue
15) Acetone	4.436	58	7787m	34.213	ug/l	
37) Trichloroethene	9.353	130	12262	7.420	ug/l	96

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

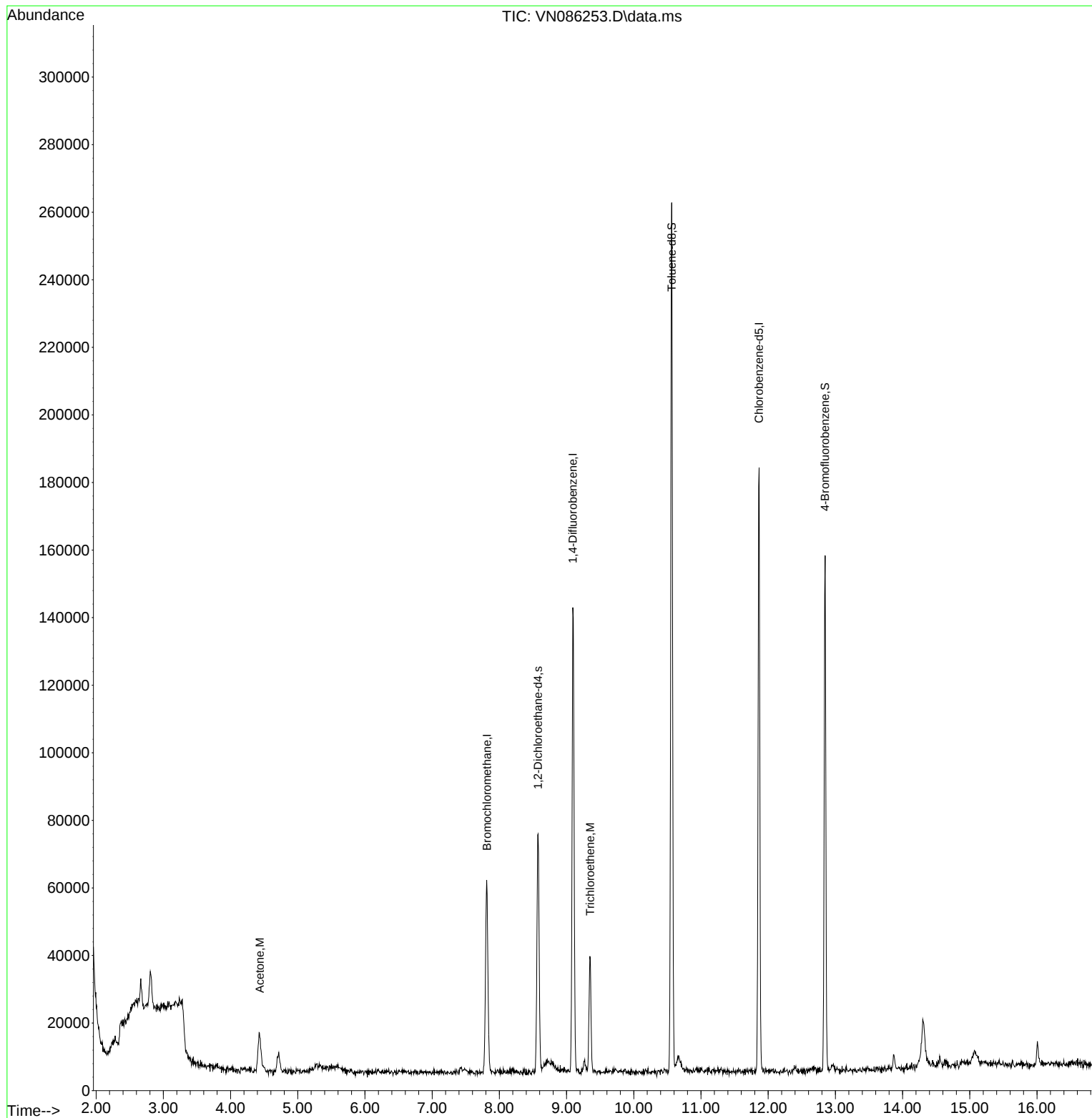
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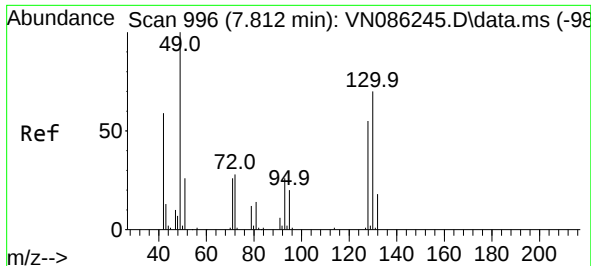
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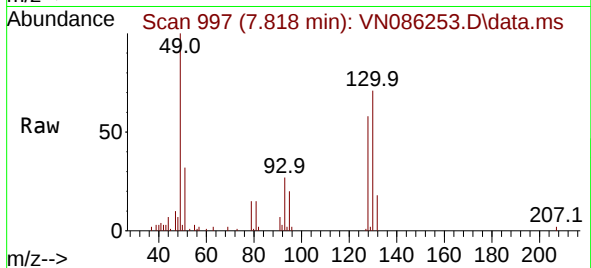
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN086253.D
Acq: 11 Apr 2025 16:39

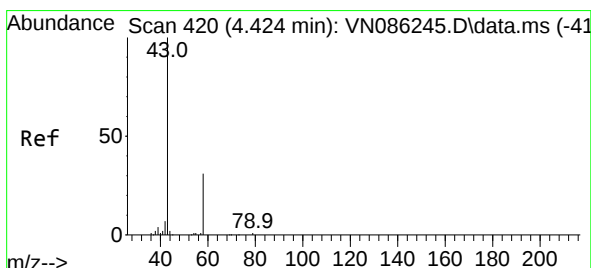
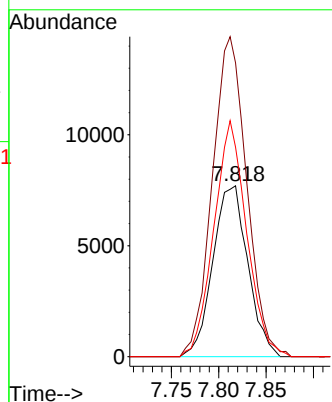
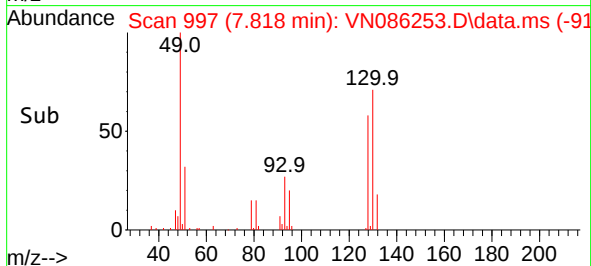
Instrument :
MSVOA_N
ClientSampleId :
TT-074-IDWGW-20250409



Tgt Ion:128 Resp: 19774
Ion Ratio Lower Upper
128 100
49 184.1 0.0 452.5
130 129.7 0.0 315.0

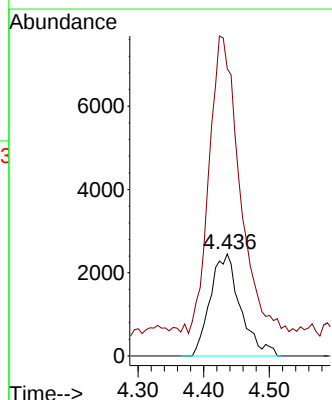
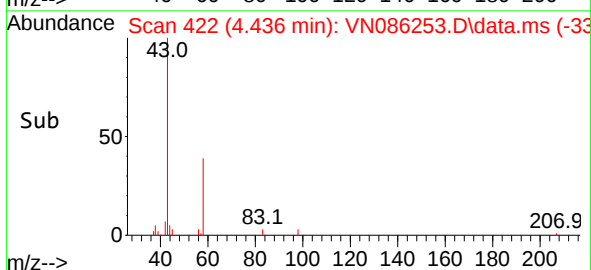
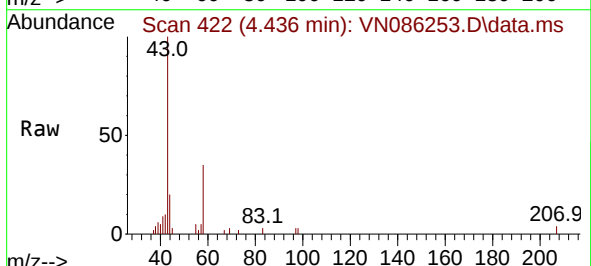
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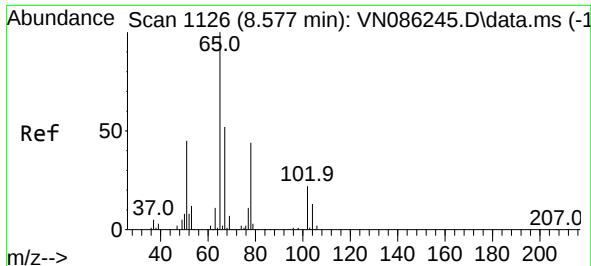
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#15
Acetone
Concen: 34.213 ug/l m
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN086253.D
Acq: 11 Apr 2025 16:39

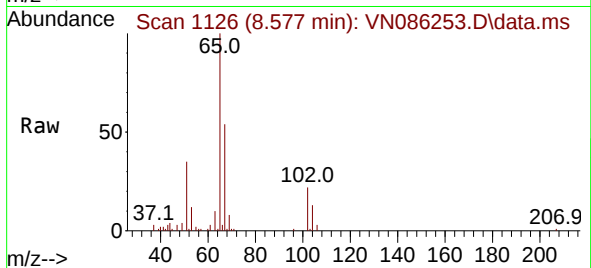
Tgt Ion: 58 Resp: 7787
Ion Ratio Lower Upper
58 100
43 282.1 261.8 392.8





#27
1,2-Dichloroethane-d4
Concen: 30.558 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086253.D
Acq: 11 Apr 2025 16:39

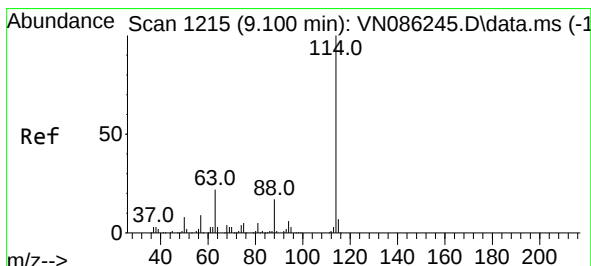
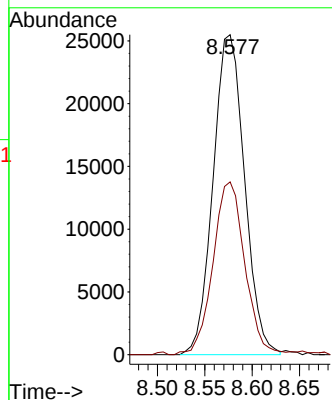
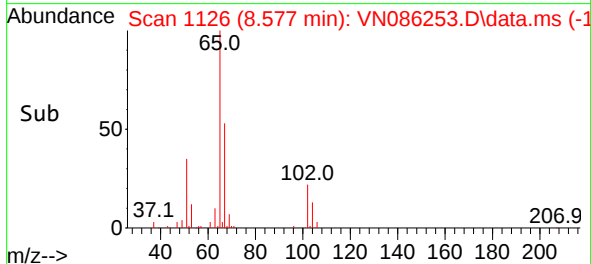
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Tgt Ion: 65 Resp: 5893
Ion Ratio Lower Upper
65 100
67 53.6 43.4 65.2

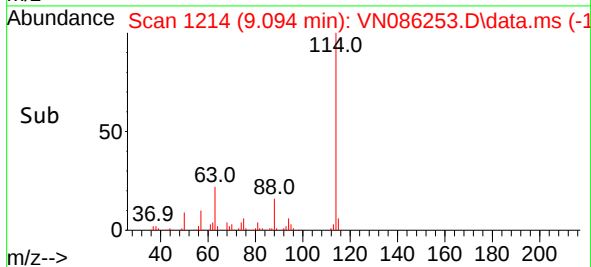
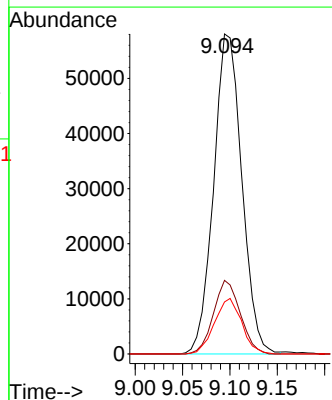
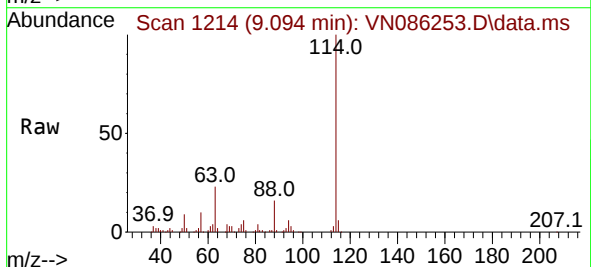
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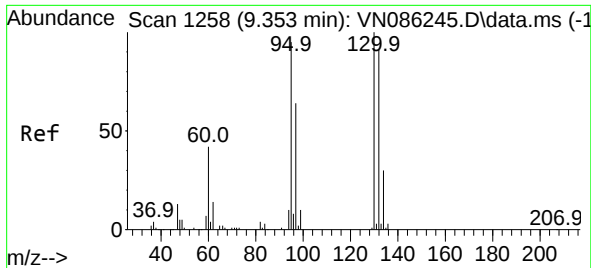
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN086253.D
Acq: 11 Apr 2025 16:39

Tgt Ion:114 Resp: 120171
Ion Ratio Lower Upper
114 100
63 21.8 17.8 26.6
88 16.8 13.4 20.2





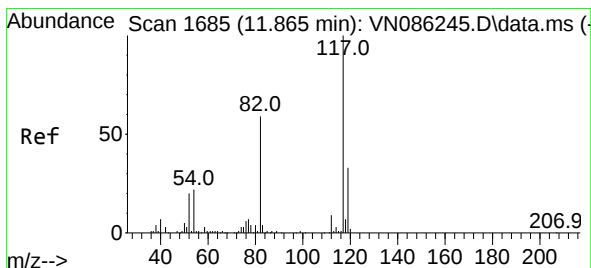
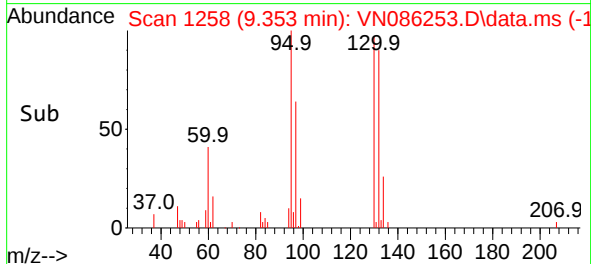
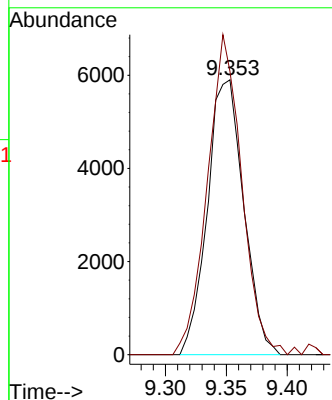
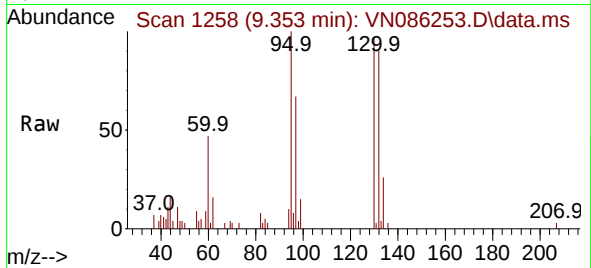
#37
Trichloroethene
Concen: 7.420 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN086253.D
Acq: 11 Apr 2025 16:39

Instrument :
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Tgt Ion:130 Resp: 1226
Ion Ratio Lower Upper
130 100
95 99.6 76.4 114.6

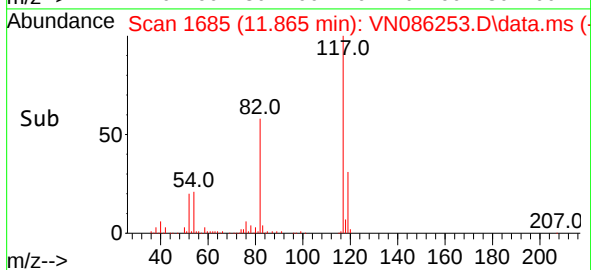
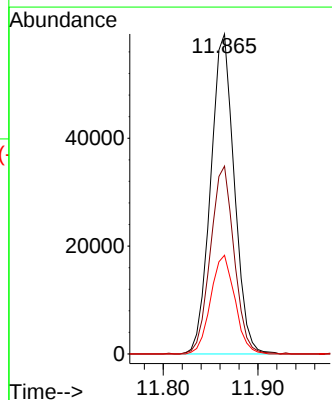
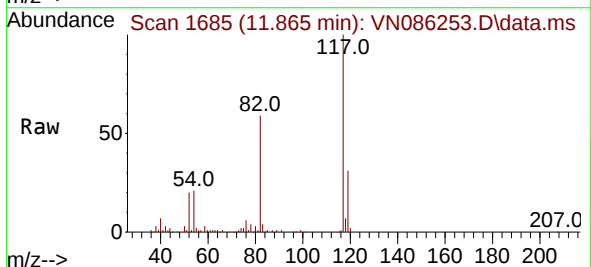
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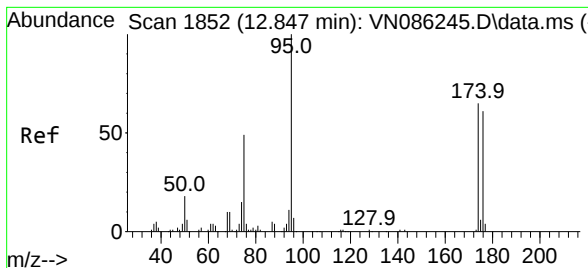
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086253.D
Acq: 11 Apr 2025 16:39

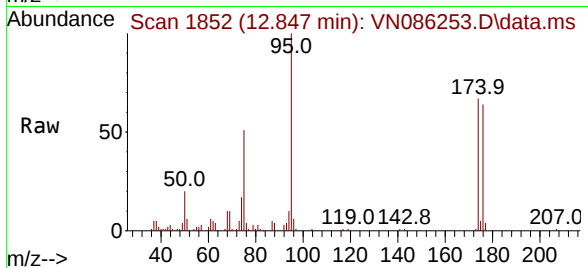
Tgt Ion:117 Resp: 102960
Ion Ratio Lower Upper
117 100
82 59.0 47.3 70.9
119 31.6 25.9 38.9





#60
4-Bromofluorobenzene
Concen: 28.558 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086253.D
Acq: 11 Apr 2025 16:39

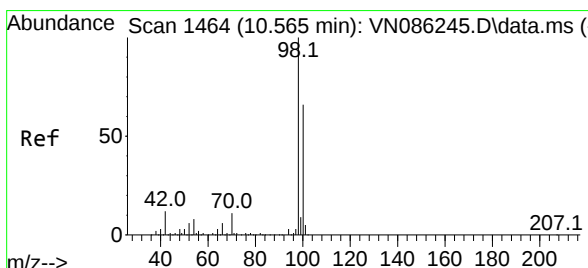
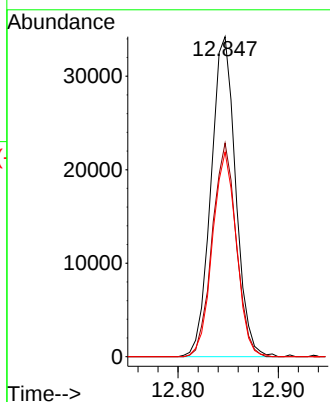
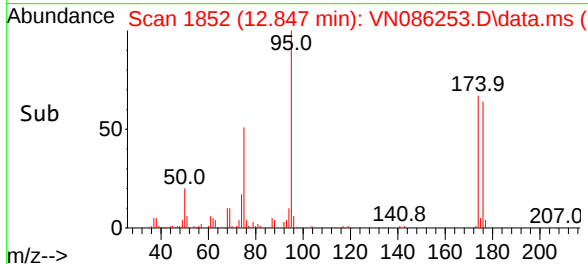
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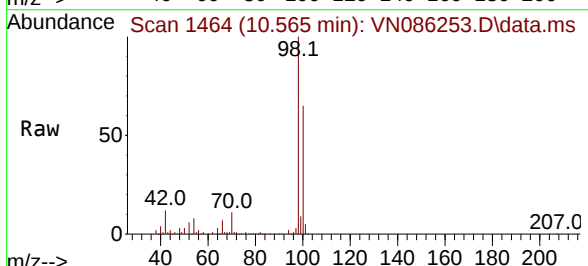
Tgt Ion: 95 Resp: 58540
Ion Ratio Lower Upper
95 100
174 64.8 52.7 79.1
176 61.9 49.8 74.8

Manual Integrations
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#63
Toluene-d8
Concen: 30.962 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086253.D
Acq: 11 Apr 2025 16:39



Tgt Ion: 98 Resp: 179971
Ion Ratio Lower Upper
98 100
100 64.9 52.3 78.5

