

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041125\
 Data File : VN086254.D
 Acq On : 11 Apr 2025 17:03
 Operator : JC\MD
 Sample : Q1774-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-075-IDWGW-20250409

Quant Time: Apr 12 01:51:29 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Bromochloromethane	7.806	128	29637	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	180090	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	151244	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	87305	30.202	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.667%			
60) 4-Bromofluorobenzene	12.847	95	86127	28.602	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 95.333%			
63) Toluene-d8	10.565	98	268466	31.442	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 104.800%			
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	4.371	101	1764m	0.844	ug/l	Qvalue
15) Acetone	4.436	58	7424m	21.763	ug/l	
37) Trichloroethene	9.347	130	69371	28.013	ug/l	92
50) 1,1,2-Trichloroethane	11.012	97	1273	0.550	ug/l #	83

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

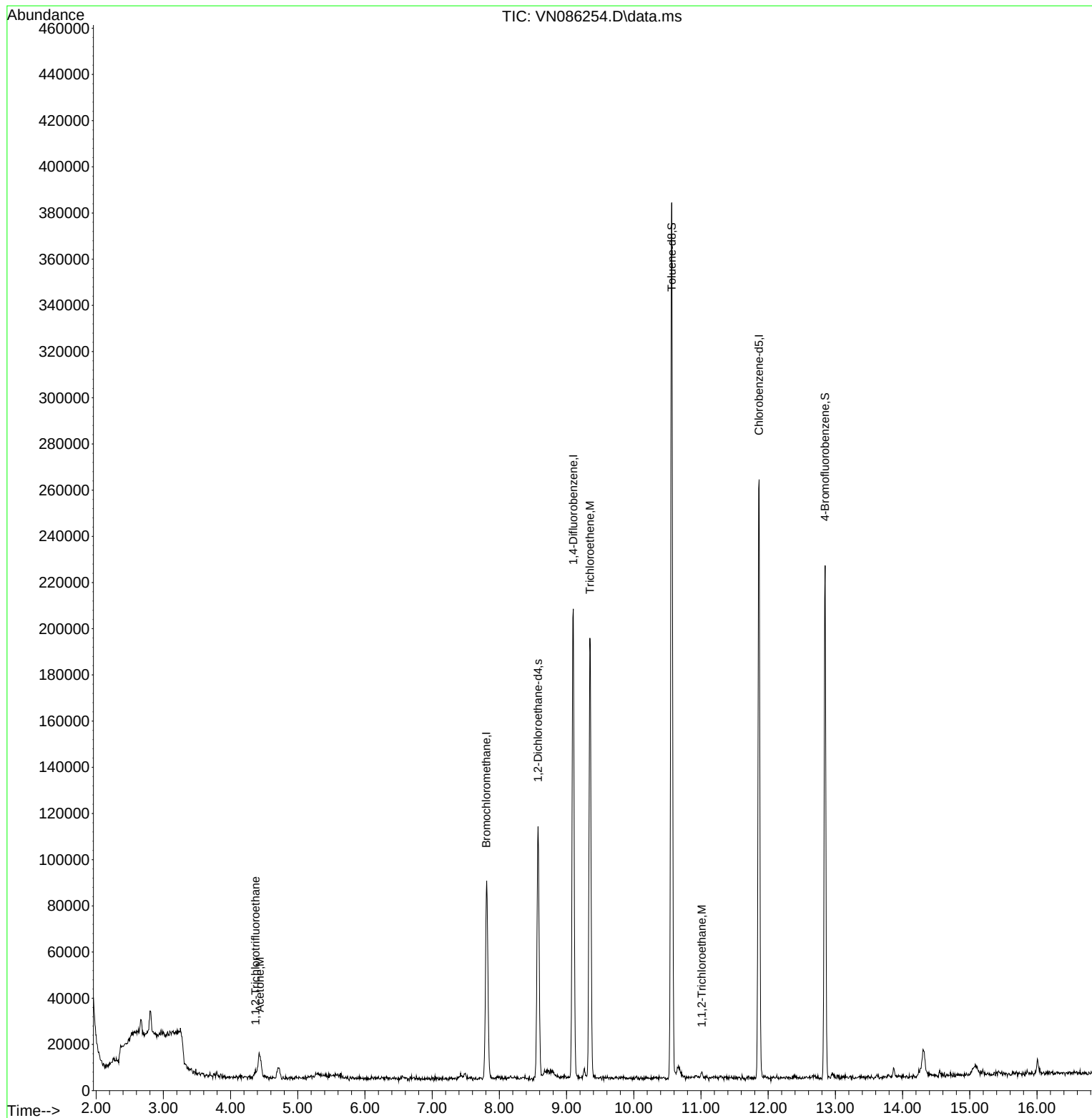
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041125\
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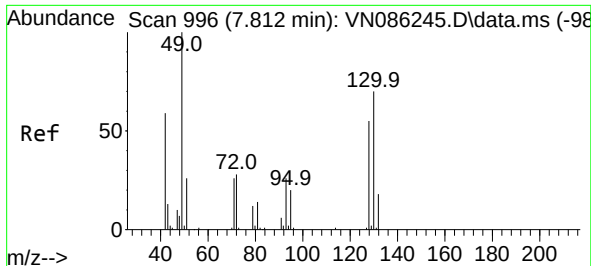
Instrument :
MSVOA_N
ClientSampleId :
TT-075-IDWGW-20250409

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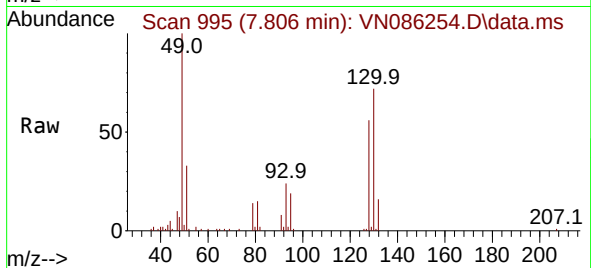
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.806 min Scan# 996
Delta R.T. -0.006 min
Lab File: VN086254.D
Acq: 11 Apr 2025 17:03

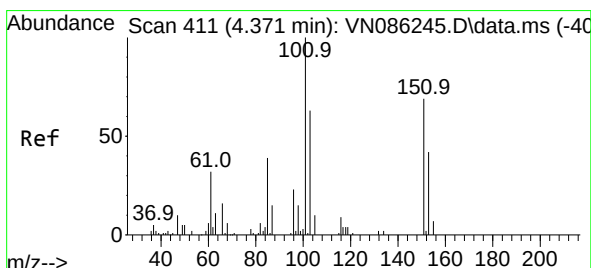
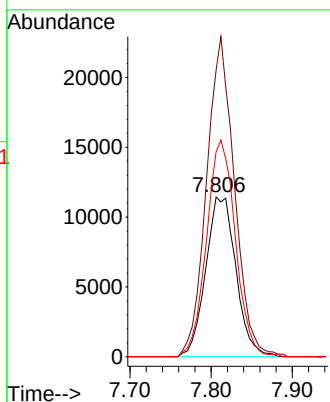
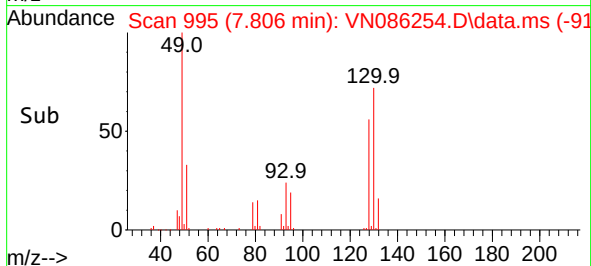
Instrument :
MSVOA_N
ClientSampleId :
TT-075-IDWGW-20250409



Tgt Ion:128 Resp: 2963
Ion Ratio Lower Upper
128 100
49 185.0 0.0 452.5
130 129.5 0.0 315.0

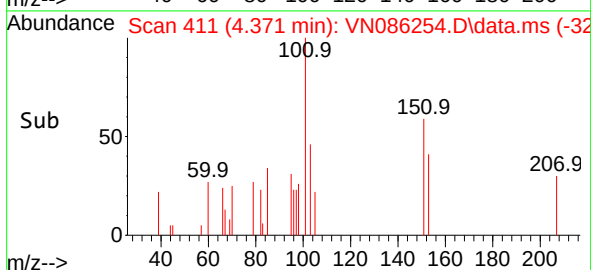
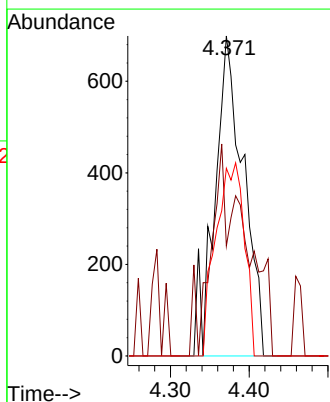
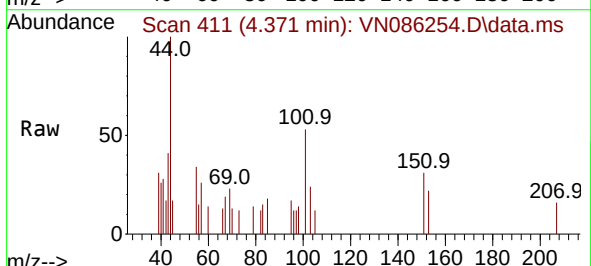
Manual Integrations
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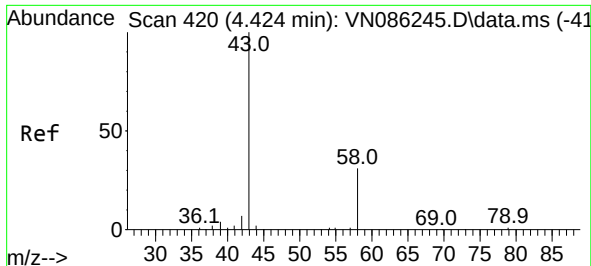
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.844 ug/l m
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN086254.D
Acq: 11 Apr 2025 17:03

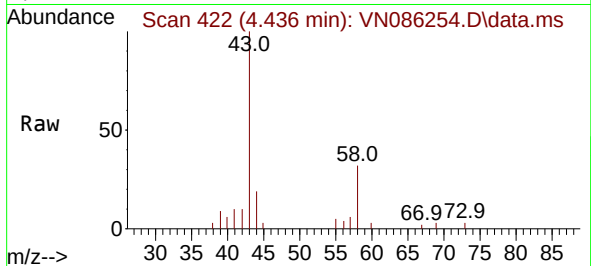
Tgt Ion:101 Resp: 1764
Ion Ratio Lower Upper
101 100
85 32.3 0.0 93.0
151 0.0 0.0 138.6





#15
Acetone
Concen: 21.763 ug/l m
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN086254.D
Acq: 11 Apr 2025 17:03

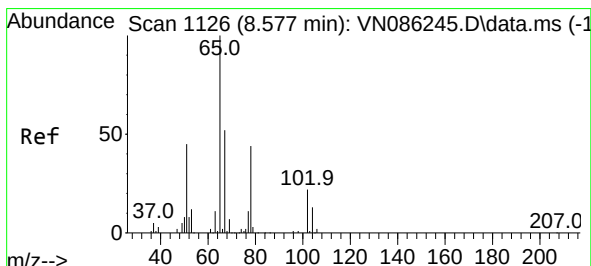
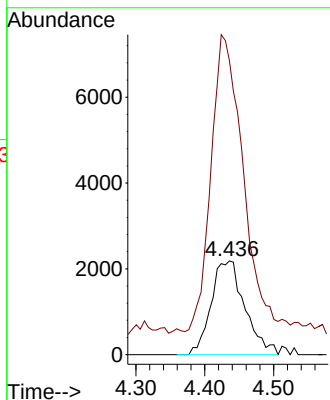
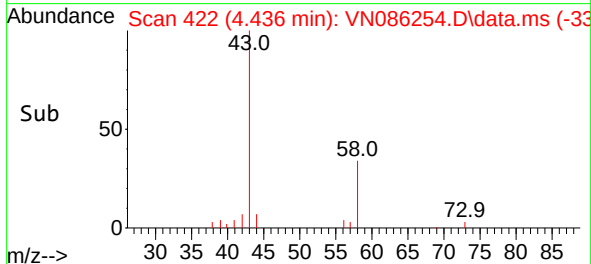
Instrument :
MSVOA_N
ClientSampleId :
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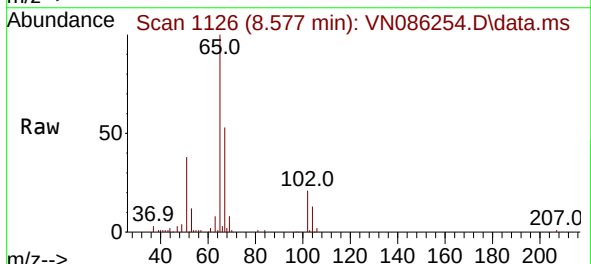
Tgt Ion: 58 Resp: 7424
Ion Ratio Lower Upper
58 100
43 313.7 261.8 392.8

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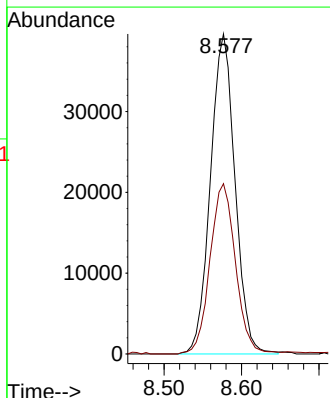
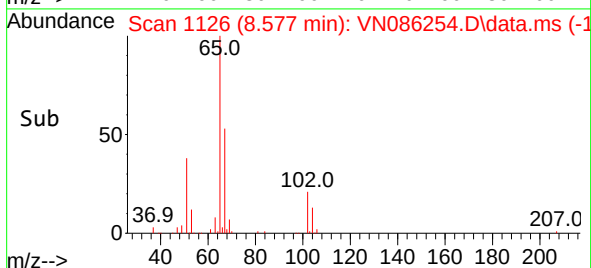
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025

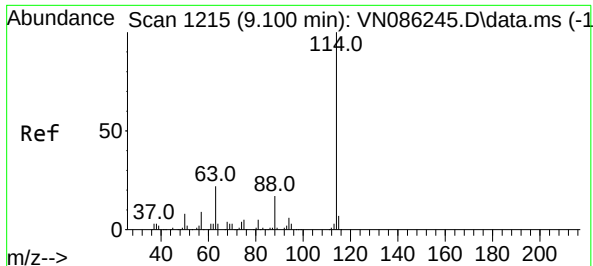


#27
1,2-Dichloroethane-d4
Concen: 30.202 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086254.D
Acq: 11 Apr 2025 17:03



Tgt Ion: 65 Resp: 87305
Ion Ratio Lower Upper
65 100
67 55.2 43.4 65.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 114

Delta R.T. -0.000 min

Lab File: VN086254.D

Acq: 11 Apr 2025 17:03

Instrument :

MSVOA_N

ClientSampleId :

TT-075-IDWGW-20250409

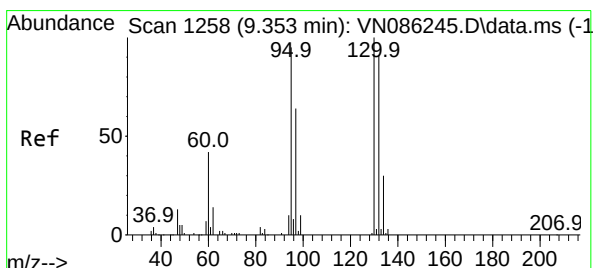
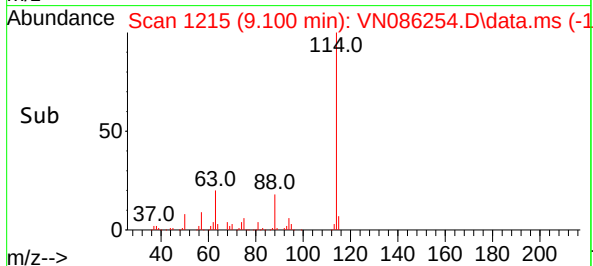
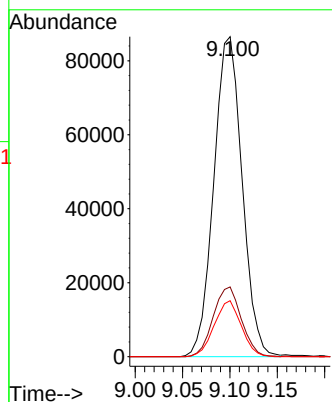
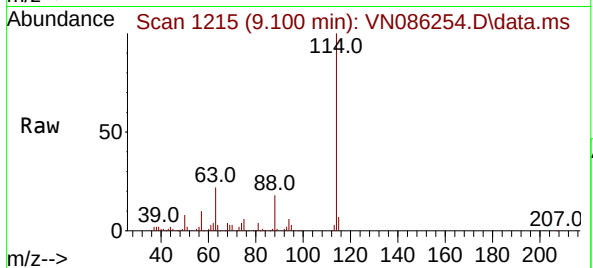
Tgt Ion:114	Resp:	180090
Ion Ratio	Lower	Upper
114	100	
63	21.6	17.8 26.6
88	16.7	13.4 20.2

Manual Integrations

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Supervised By :Mahesh Dadoda 04/14/2025



#37

Trichloroethene

Concen: 28.013 ug/l

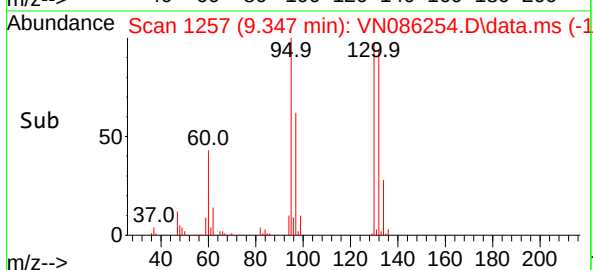
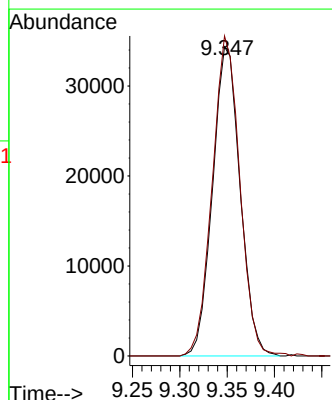
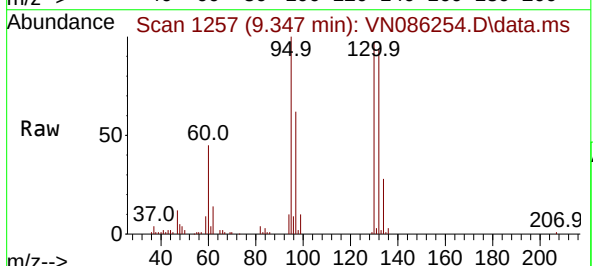
RT: 9.347 min Scan# 1257

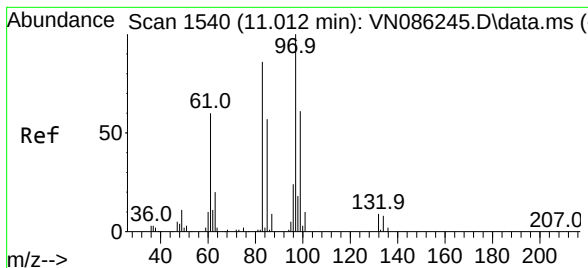
Delta R.T. -0.006 min

Lab File: VN086254.D

Acq: 11 Apr 2025 17:03

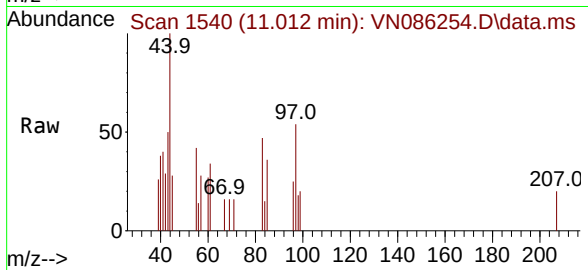
Tgt Ion:130	Resp:	69371
Ion Ratio	Lower	Upper
130	100	
95	103.5	76.4 114.6





#50
1,1,2-Trichloroethane
Concen: 0.550 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086254.D
Acq: 11 Apr 2025 17:03

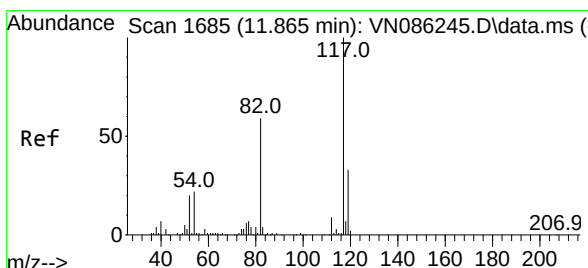
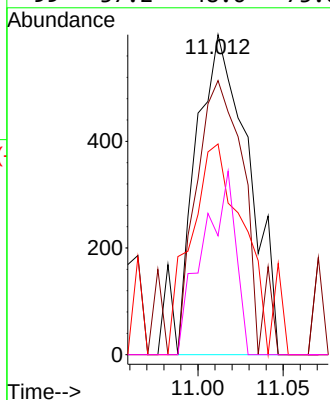
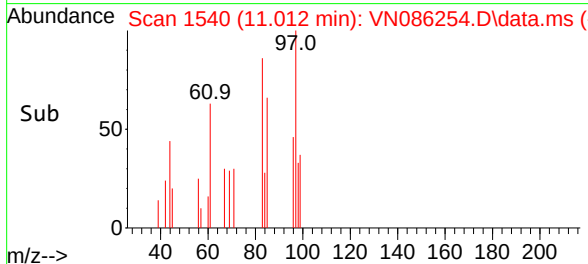
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Tgt Ion:	97	Resp:	127
Ion	Ratio	Lower	Upper
97	100		
83	85.7	68.6	103.0
85	37.3	45.9	68.9
99	37.2	48.6	73.0

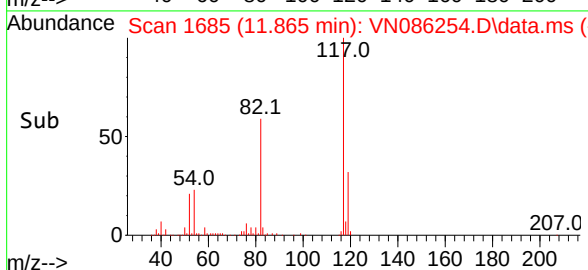
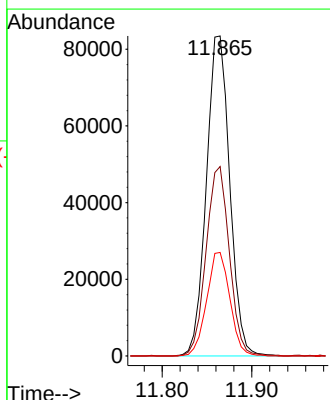
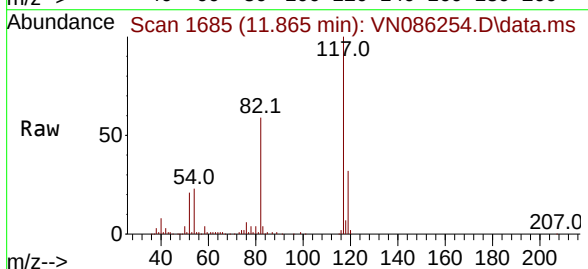
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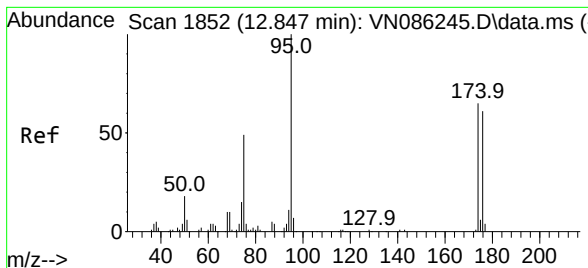
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086254.D
Acq: 11 Apr 2025 17:03

Tgt Ion:	117	Resp:	151244
Ion	Ratio	Lower	Upper
117	100		
82	59.0	47.3	70.9
119	32.2	25.9	38.9





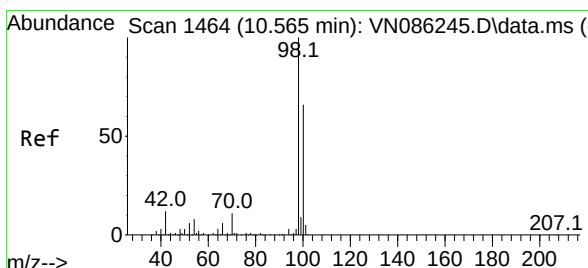
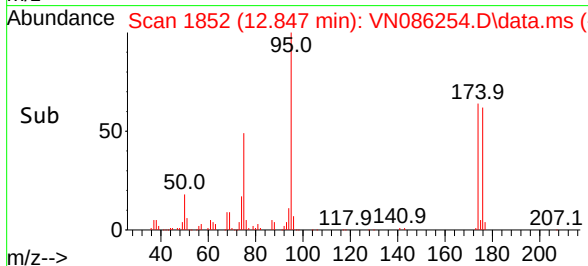
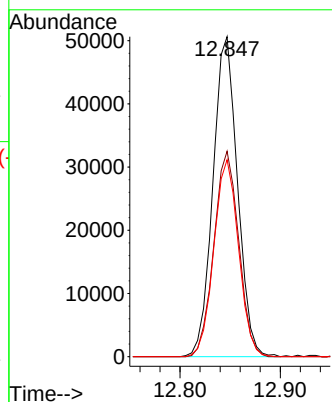
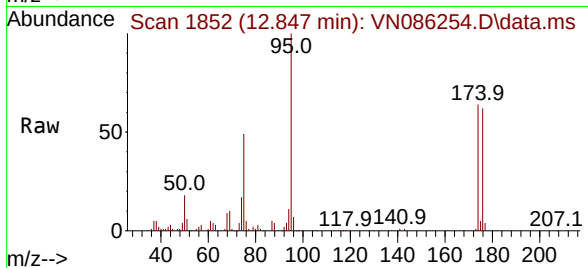
#60
4-Bromofluorobenzene
Concen: 28.602 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086254.D
Acq: 11 Apr 2025 17:03

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Tgt Ion: 95 Resp: 8612
Ion Ratio Lower Upper
95 100
174 64.8 52.7 79.1
176 61.8 49.8 74.8

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#63
Toluene-d8
Concen: 31.442 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086254.D
Acq: 11 Apr 2025 17:03

Tgt Ion: 98 Resp: 268466
Ion Ratio Lower Upper
98 100
100 64.7 52.3 78.5

