

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
 Data File : VN086818.D
 Acq On : 29 May 2025 16:37
 Operator : JC\MD
 Sample : Q2098-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-DSN-002

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/30/2025
 Supervised By : Mahesh Dadoda 05/30/2025

Quant Time: May 30 04:10:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 30 02:22:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	9.047	128	17750m	30.000	ug/l	1.24
28) 1,4-Difluorobenzene	9.835	114	142160m	30.000	ug/l	0.74
57) Chlorobenzene-d5	12.041	117	90878	30.000	ug/l	0.18
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	9.506	65	35389m	29.018	ug/l	0.93
Spiked Amount 30.000	Range 91 - 110		Recovery =	96.733%		
60) 4-Bromofluorobenzene	12.923	95	39452	27.651	ug/l	0.08
Spiked Amount 30.000	Range 63 - 112		Recovery =	92.167%		
63) Toluene-d8	10.941	98	140819	33.760	ug/l	0.38
Spiked Amount 30.000	Range 91 - 112		Recovery =	112.533%#		
Target Compounds						
						Qvalue
16) Carbon Disulfide	7.530	76	15271m	4.998	ug/l	
25) Chloroform	9.118	83	150014m	74.152	ug/l	
91) Naphthalene	15.635	128	14886	4.628	ug/l	98

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

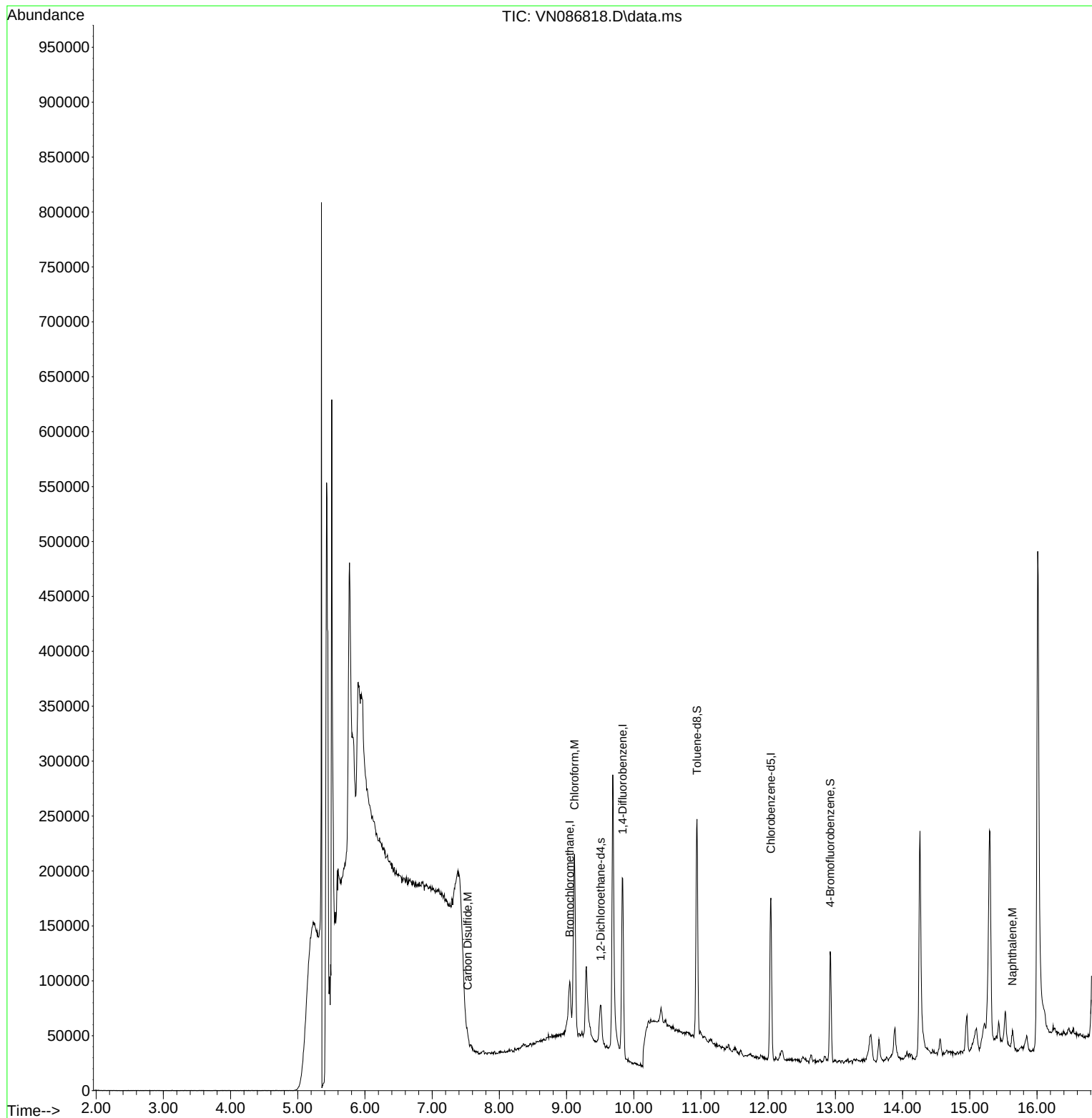
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
Data File : VN086818.D
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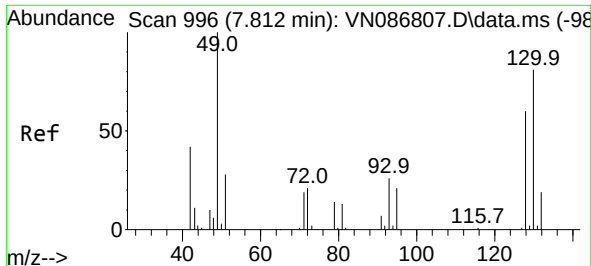
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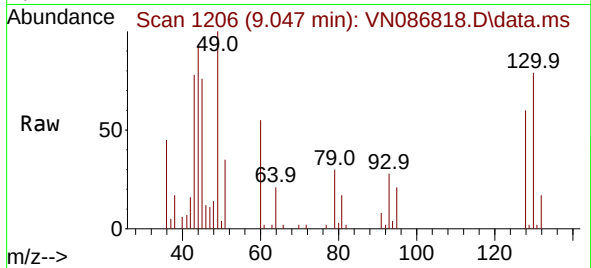
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 30 02:22:52 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l m
RT: 9.047 min Scan# 11
Delta R.T. 1.235 min
Lab File: VN086818.D
Acq: 29 May 2025 16:37

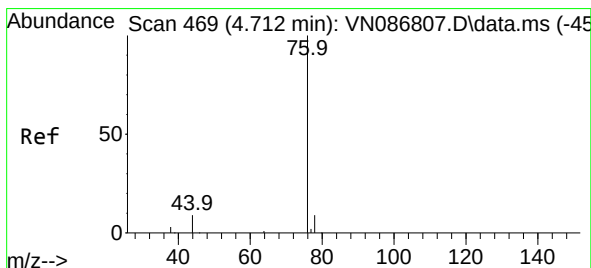
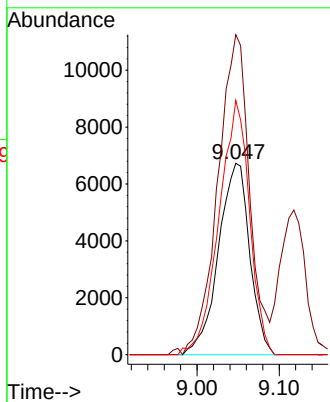
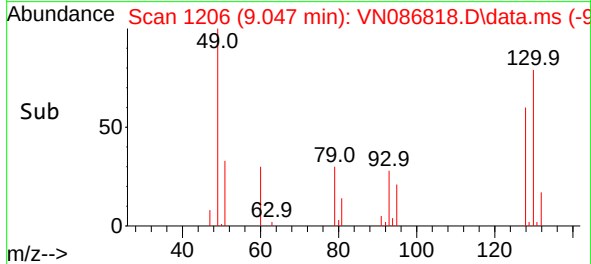
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ClientSampleId :
OUTFALL-DSN-002



Tgt Ion:128 Resp: 17750
Ion Ratio Lower Upper
128 100
49 0.0 0.0 404.5
130 0.0 0.0 322.2

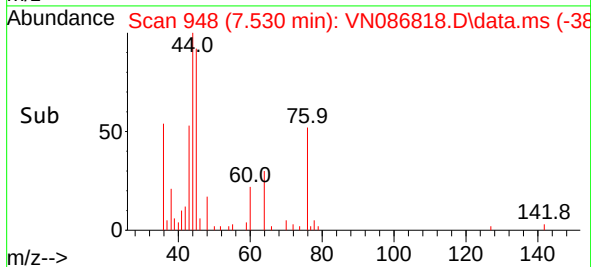
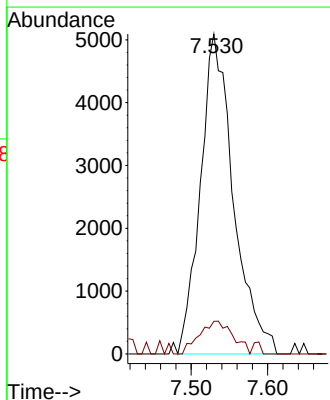
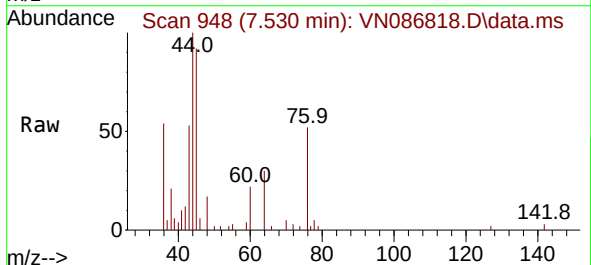
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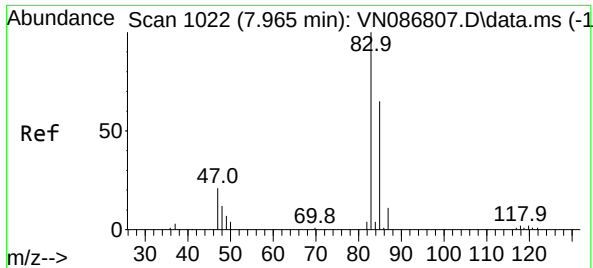
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#16
Carbon Disulfide
Concen: 4.998 ug/l m
RT: 7.530 min Scan# 948
Delta R.T. 2.817 min
Lab File: VN086818.D
Acq: 29 May 2025 16:37

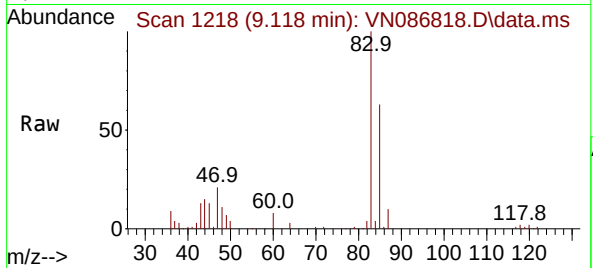
Tgt Ion: 76 Resp: 15271
Ion Ratio Lower Upper
76 100
78 10.2 7.2 10.8





#25
Chloroform
Concen: 74.152 ug/l m
RT: 9.118 min Scan# 1128
Delta R.T. 1.153 min
Lab File: VN086818.D
Acq: 29 May 2025 16:37

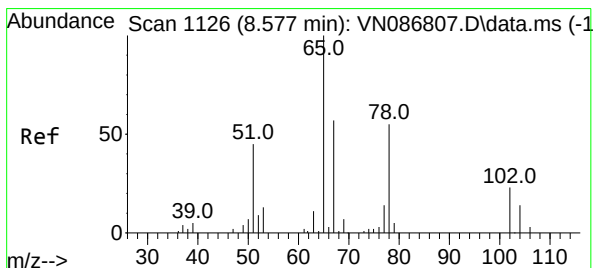
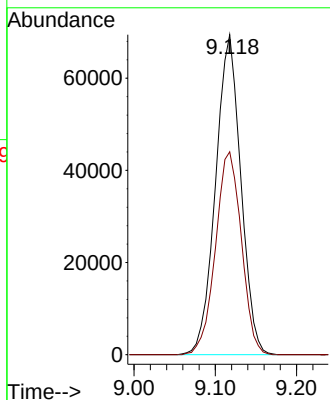
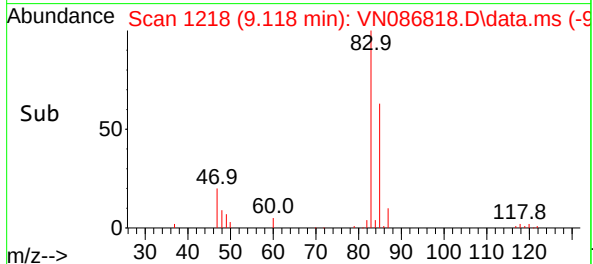
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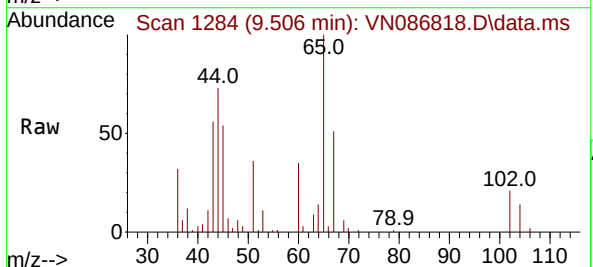
Tgt Ion: 83 Resp: 150014
Ion Ratio Lower Upper
83 100
85 63.4 51.8 77.8

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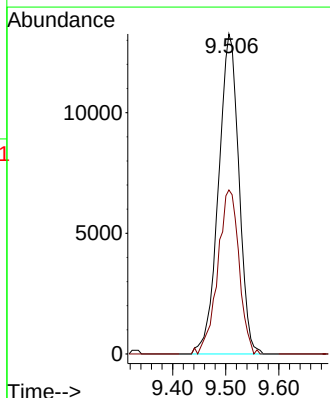
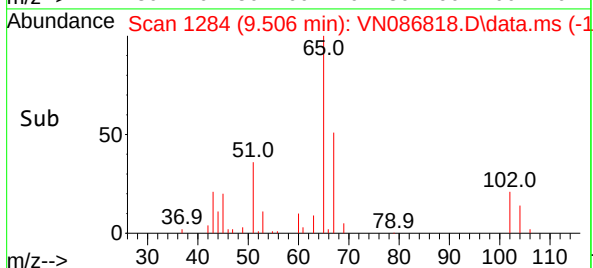
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

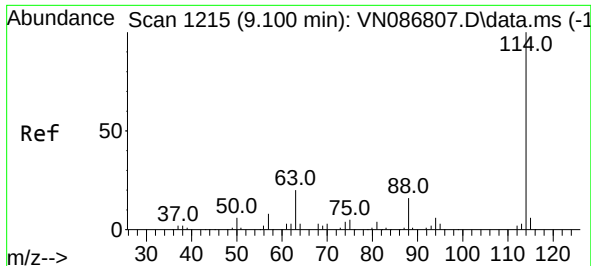


#27
1,2-Dichloroethane-d4
Concen: 29.018 ug/l m
RT: 9.506 min Scan# 1284
Delta R.T. 0.929 min
Lab File: VN086818.D
Acq: 29 May 2025 16:37



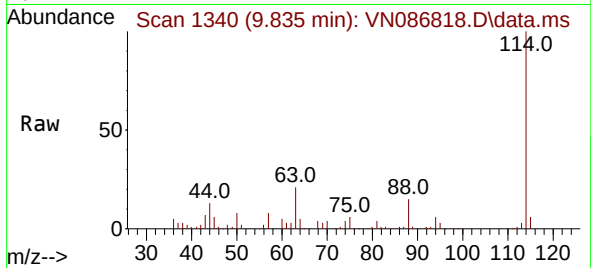
Tgt Ion: 65 Resp: 35389
Ion Ratio Lower Upper
65 100
67 0.2 44.6 67.0#





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l m
RT: 9.835 min Scan# 114
Delta R.T. 0.735 min
Lab File: VN086818.D
Acq: 29 May 2025 16:37

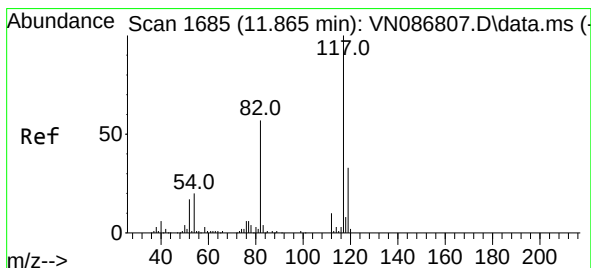
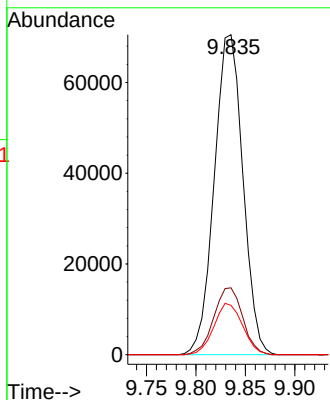
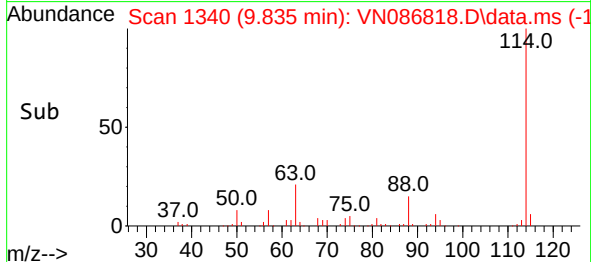
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Tgt Ion:114 Resp: 142160
Ion Ratio Lower Upper
114 100
63 0.0 15.8 23.8
88 0.0 12.9 19.3

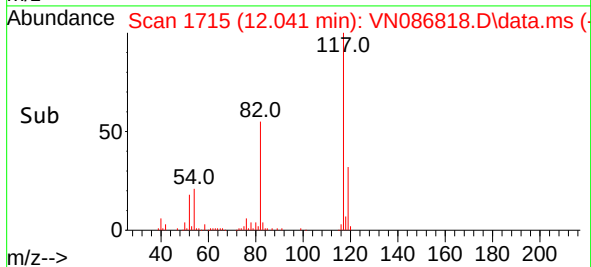
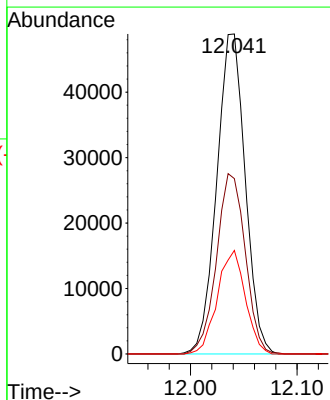
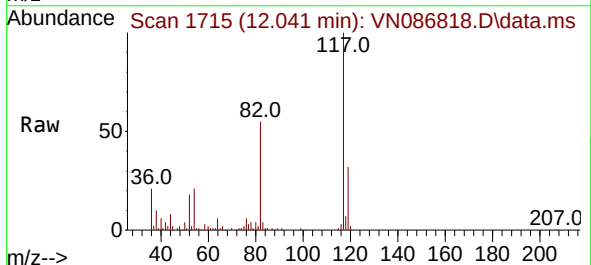
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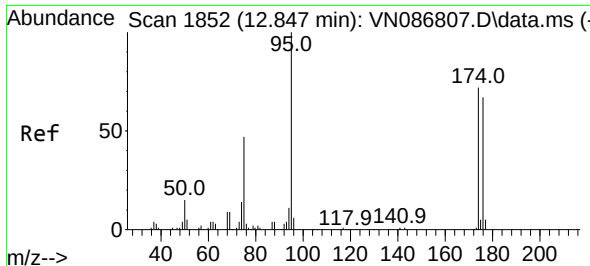
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 12.041 min Scan# 1715
Delta R.T. 0.176 min
Lab File: VN086818.D
Acq: 29 May 2025 16:37

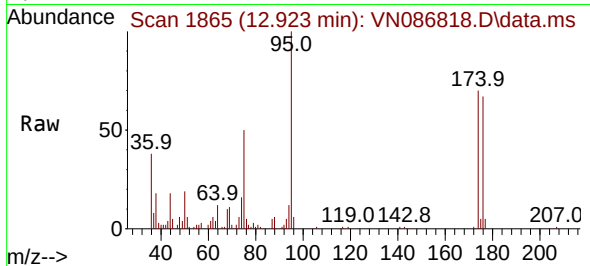
Tgt Ion:117 Resp: 90878
Ion Ratio Lower Upper
117 100
82 56.8 44.7 67.1
119 31.8 25.6 38.4





#60
4-Bromofluorobenzene
Concen: 27.651 ug/l
RT: 12.923 min Scan# 11
Delta R.T. 0.076 min
Lab File: VN086818.D
Acq: 29 May 2025 16:37

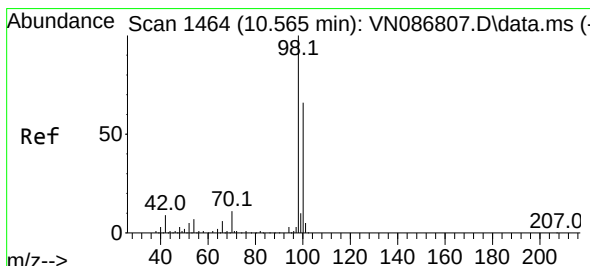
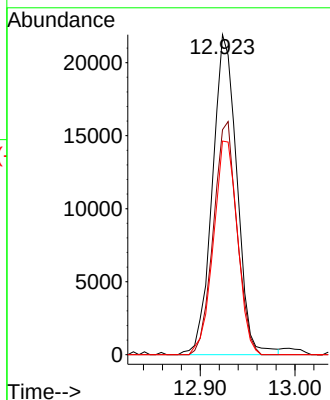
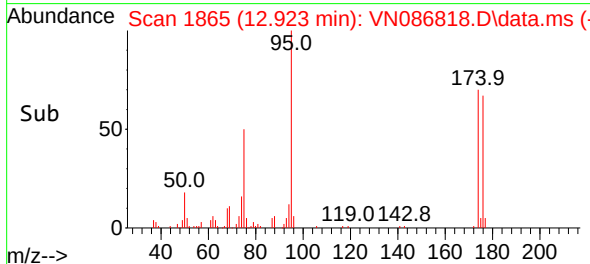
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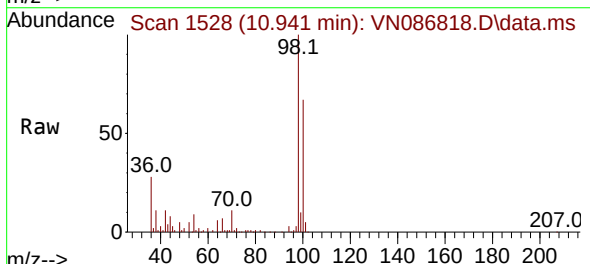
Tgt Ion: 95 Resp: 39452
Ion Ratio Lower Upper
95 100
174 69.8 56.2 84.4
176 65.4 53.4 80.0

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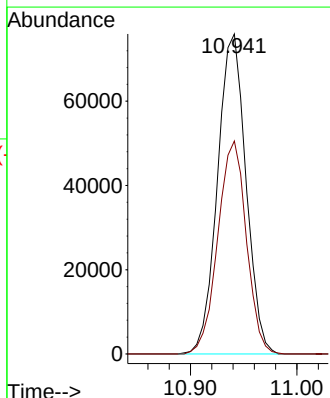
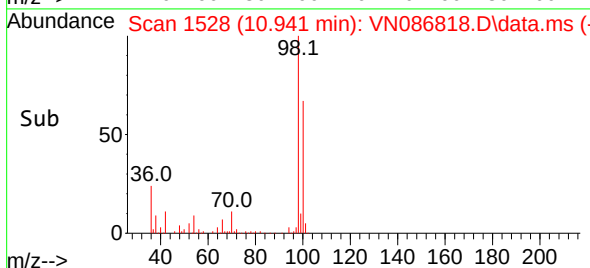
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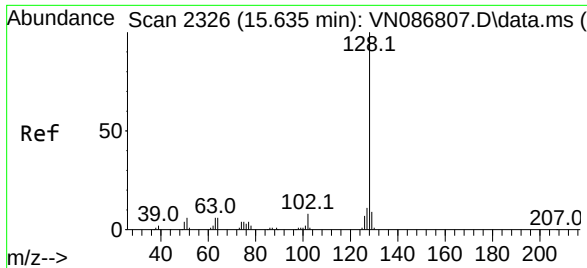


#63
Toluene-d8
Concen: 33.760 ug/l
RT: 10.941 min Scan# 1528
Delta R.T. 0.376 min
Lab File: VN086818.D
Acq: 29 May 2025 16:37



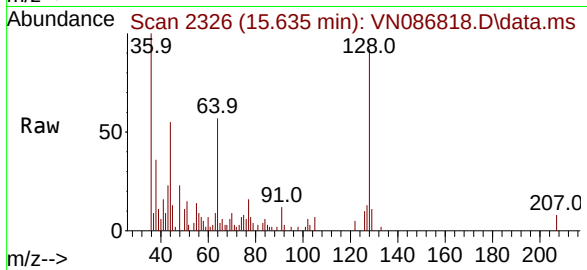
Tgt Ion: 98 Resp: 140819
Ion Ratio Lower Upper
98 100
100 66.7 52.7 79.1





#91
Naphthalene
Concen: 4.628 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086818.D
Acq: 29 May 2025 16:37

Instrument :
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Tgt Ion:128 Resp: 14880
Ion Ratio Lower Upper
128 100
127 12.7 9.8 14.6
129 9.8 8.6 13.0

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