

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042123\
 Data File : VN077421.D
 Acq On : 21 Apr 2023 12:20
 Operator : JC\MD
 Sample : 02429-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 230419054-04-TRIP-BLANK

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/24/2023
 Supervised By : Mahesh Dadoda 04/24/2023

Quant Time: Apr 22 02:39:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N040723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 07 13:04:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.819	128	52997	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	399627	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	391208	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.584	65	137391	30.567	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	101.900%	
60) 4-Bromofluorobenzene	12.854	95	173849	25.700	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	85.667%	
63) Toluene-d8	10.572	98	415903	30.241	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	100.800%	
Target Compounds						Qvalue
15) Acetone	4.449	58	10184m	9.871	ug/l	
25) Chloroform	7.972	83	12404	1.054	ug/l	91

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

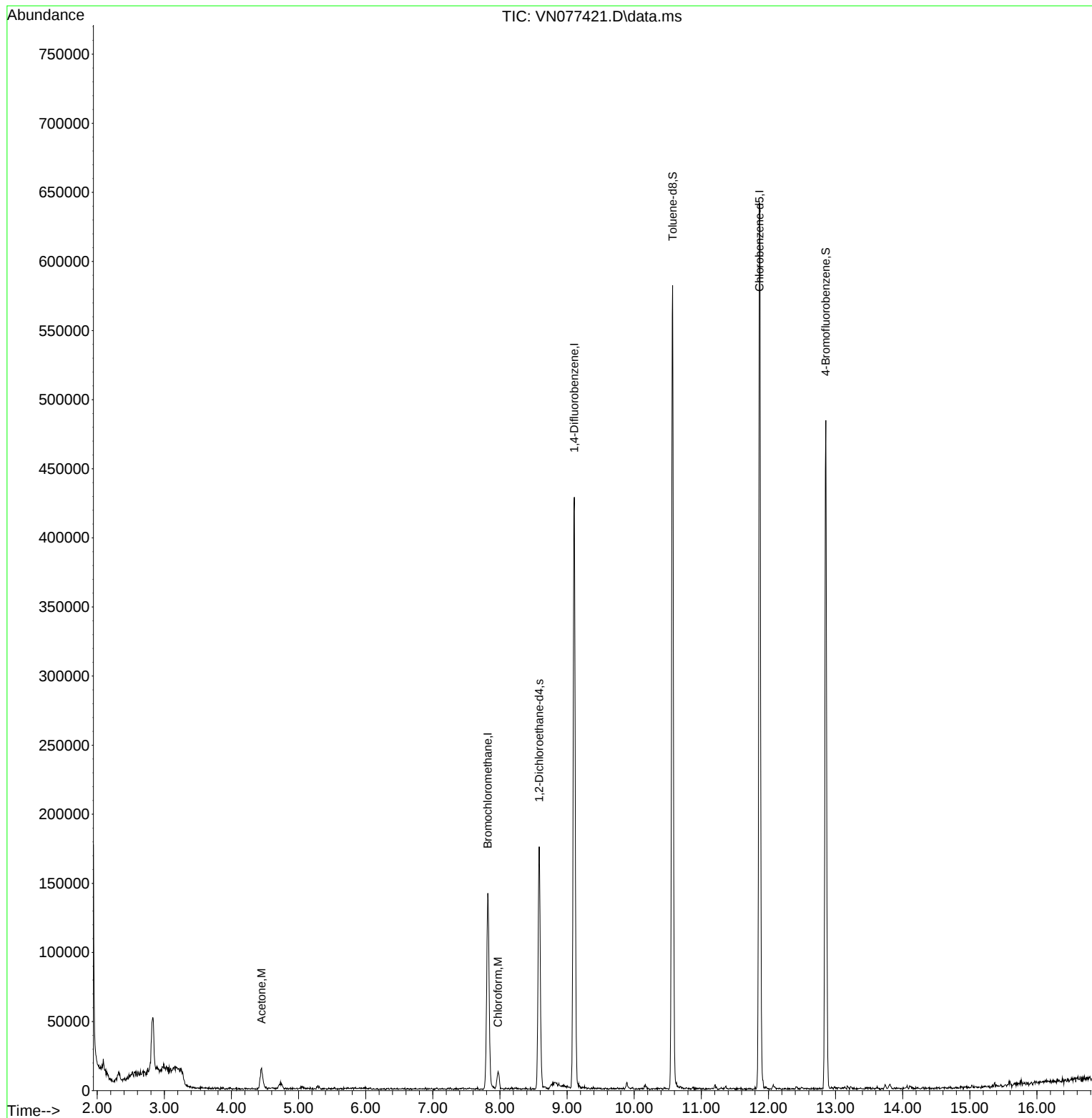
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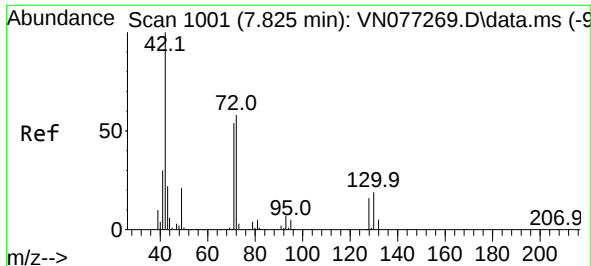
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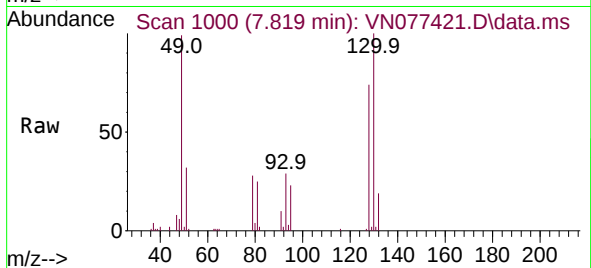
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VN077421.D
Acq: 21 Apr 2023 12:20

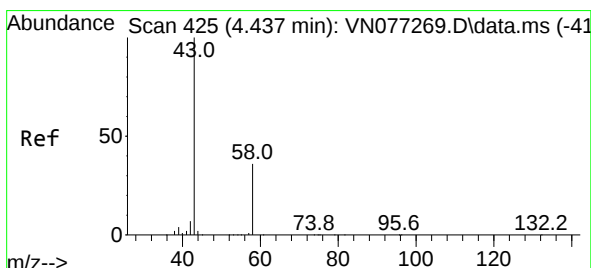
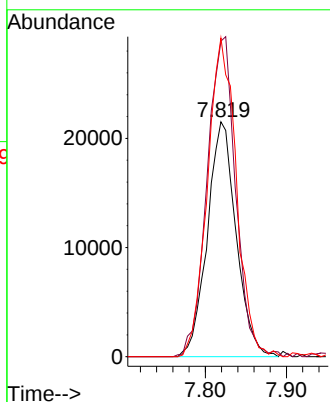
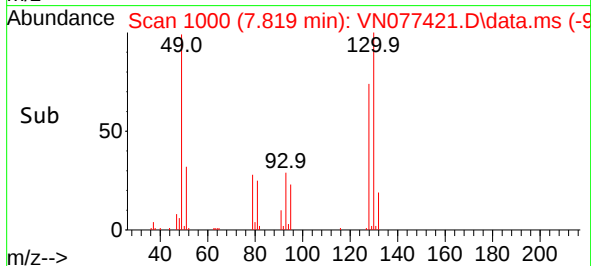
Instrument :
MSVOA_N
ClientSampleId :
230419054-04-TRIP-BLANK



Tgt Ion:128 Resp: 5299
Ion Ratio Lower Upper
128 100
49 133.5 0.0 379.5
130 135.8 0.0 322.8

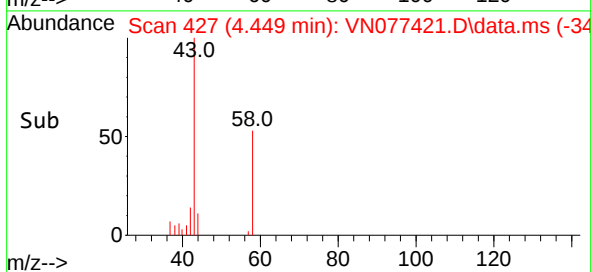
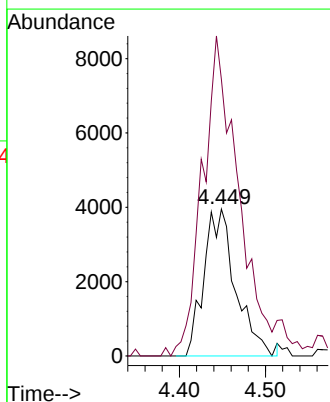
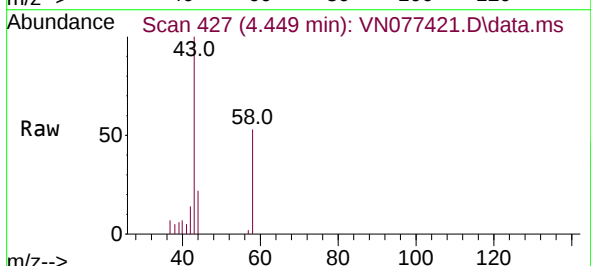
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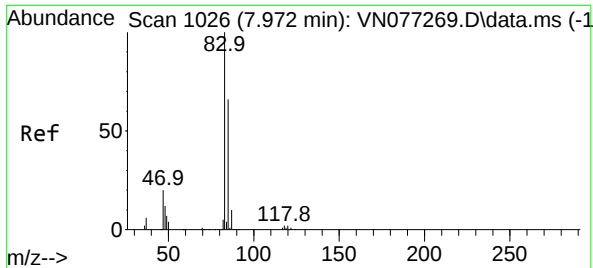
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#15
Acetone
Concen: 9.871 ug/l m
RT: 4.449 min Scan# 427
Delta R.T. 0.012 min
Lab File: VN077421.D
Acq: 21 Apr 2023 12:20

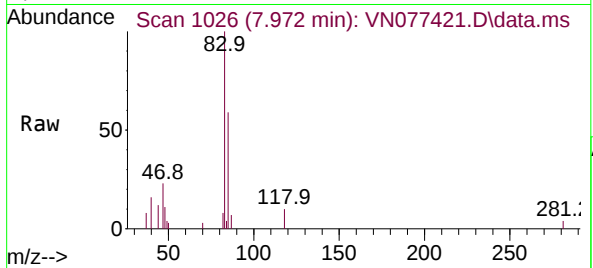
Tgt Ion: 58 Resp: 10184
Ion Ratio Lower Upper
58 100
43 188.3 220.9 331.3#





#25
Chloroform
Concen: 1.054 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: VN077421.D
Acq: 21 Apr 2023 12:20

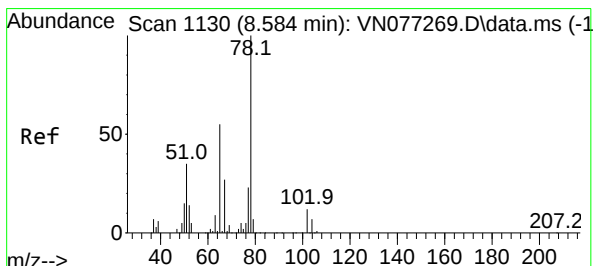
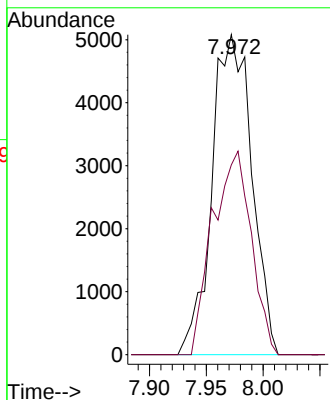
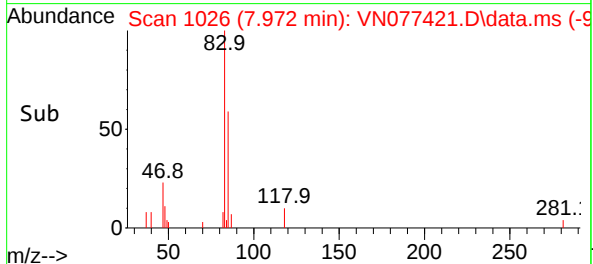
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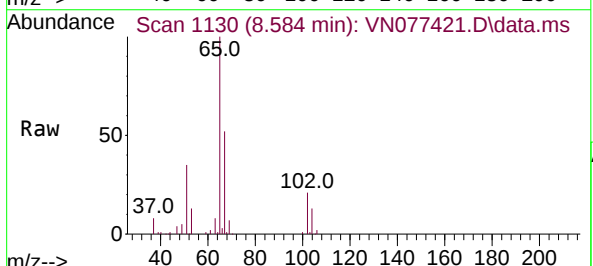
Tgt Ion: 83 Resp: 12404
Ion Ratio Lower Upper
83 100
85 59.3 52.9 79.3

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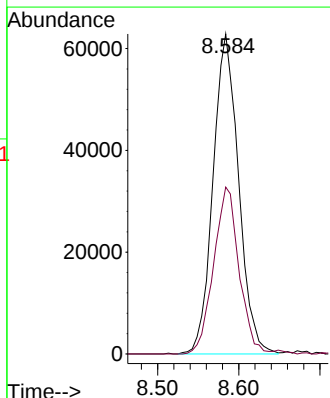
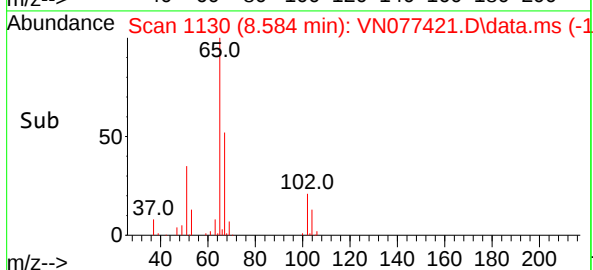
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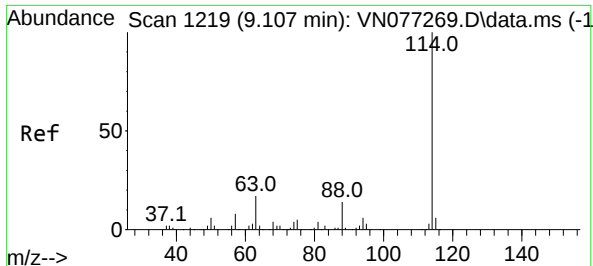


#27
1,2-Dichloroethane-d4
Concen: 30.567 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN077421.D
Acq: 21 Apr 2023 12:20



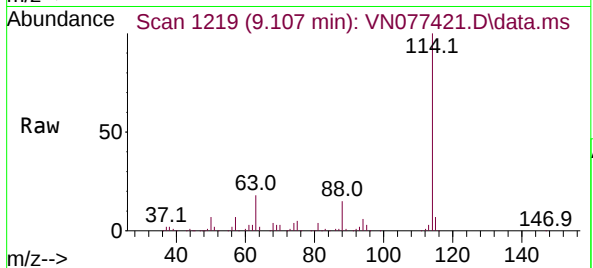
Tgt Ion: 65 Resp: 137391
Ion Ratio Lower Upper
65 100
67 51.8 41.8 62.6





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077421.D
Acq: 21 Apr 2023 12:20

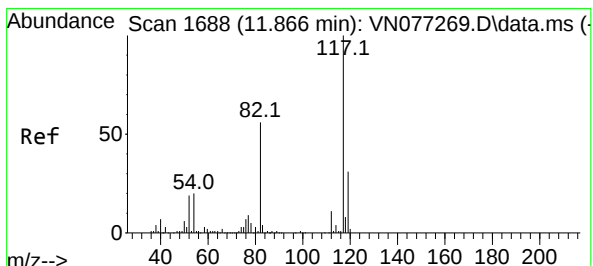
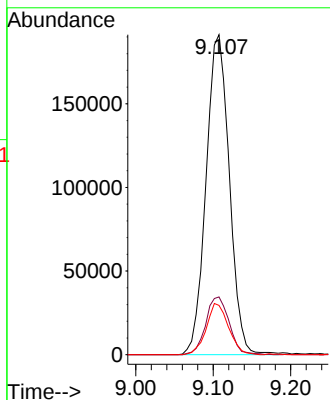
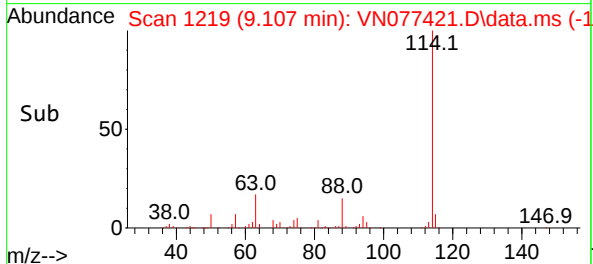
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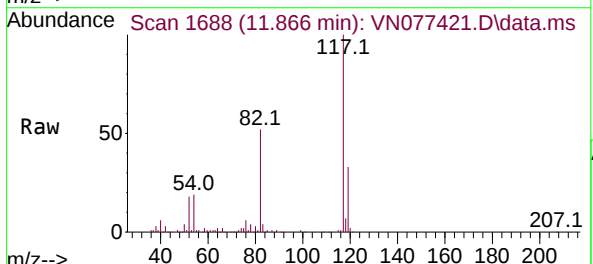
Tgt Ion:114 Resp: 39962
Ion Ratio Lower Upper
114 100
63 18.0 15.0 22.4
88 15.3 11.9 17.9

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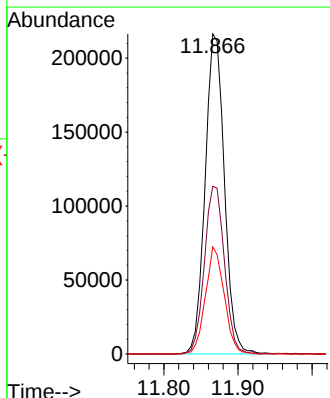
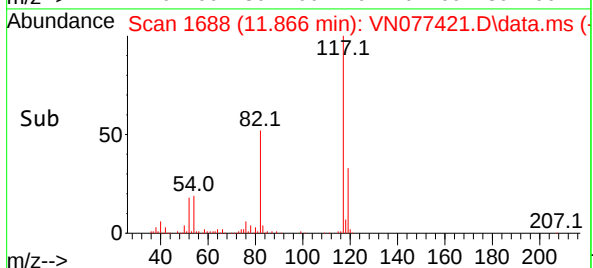
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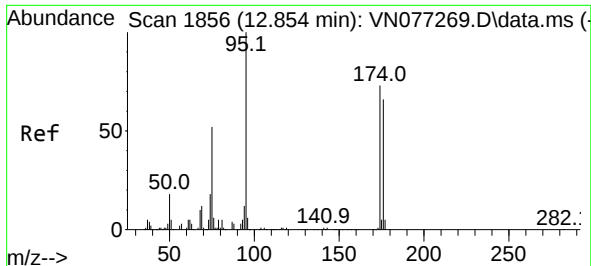


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077421.D
Acq: 21 Apr 2023 12:20



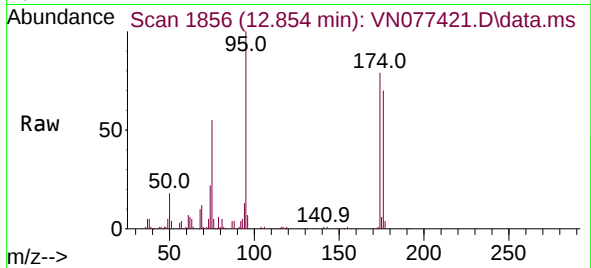
Tgt Ion:117 Resp: 391208
Ion Ratio Lower Upper
117 100
82 54.3 43.8 65.8
119 32.6 25.4 38.0





#60
4-Bromofluorobenzene
Concen: 25.700 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VN077421.D
Acq: 21 Apr 2023 12:20

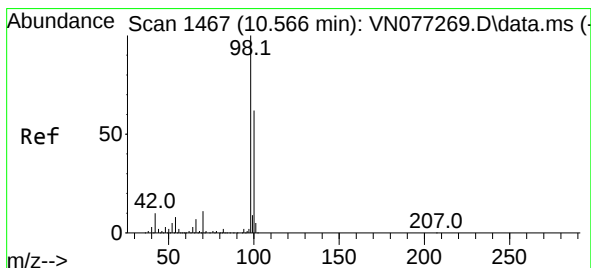
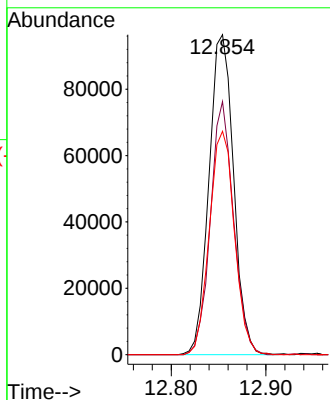
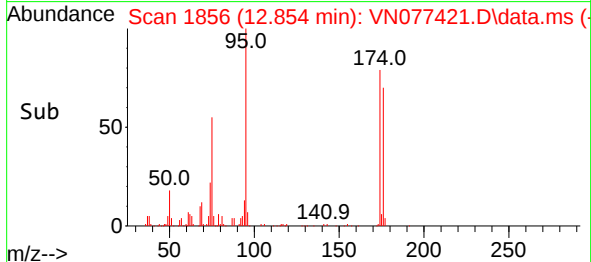
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ClientSampleId :
230419054-04-TRIP-BLANK



Tgt Ion: 95 Resp: 173849
Ion Ratio Lower Upper
95 100
174 74.5 57.8 86.8
176 71.3 54.6 81.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#63
Toluene-d8
Concen: 30.241 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077421.D
Acq: 21 Apr 2023 12:20

Tgt Ion: 98 Resp: 415903
Ion Ratio Lower Upper
98 100
100 66.4 51.4 77.2

