

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031722\
 Data File : VN071352.D
 Acq On : 17 Mar 2022 15:07
 Operator : JC\MD
 Sample : N2002-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 220316001-02-TRIP-BLANK

Manual Integrations
 APPROVED

Reviewed By :John Carlone 03/18/2022
 Supervised By :Semsettin Yesilyurt 03/21/2022

Quant Time: Mar 18 07:00:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N031722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 17 06:37:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.657	128	114471	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.969	114	628536	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.745	117	515146	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	274963	30.254	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	100.833%	
60) 4-Bromofluorobenzene	12.727	95	197443	24.809	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	82.700%	
63) Toluene-d8	10.439	98	742835	31.347	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	104.500%	
Target Compounds						Qvalue
12) Methyl Acetate	4.857	43	13930m	1.112	ug/l	
15) Acetone	4.292	58	1858m	1.354	ug/l	

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

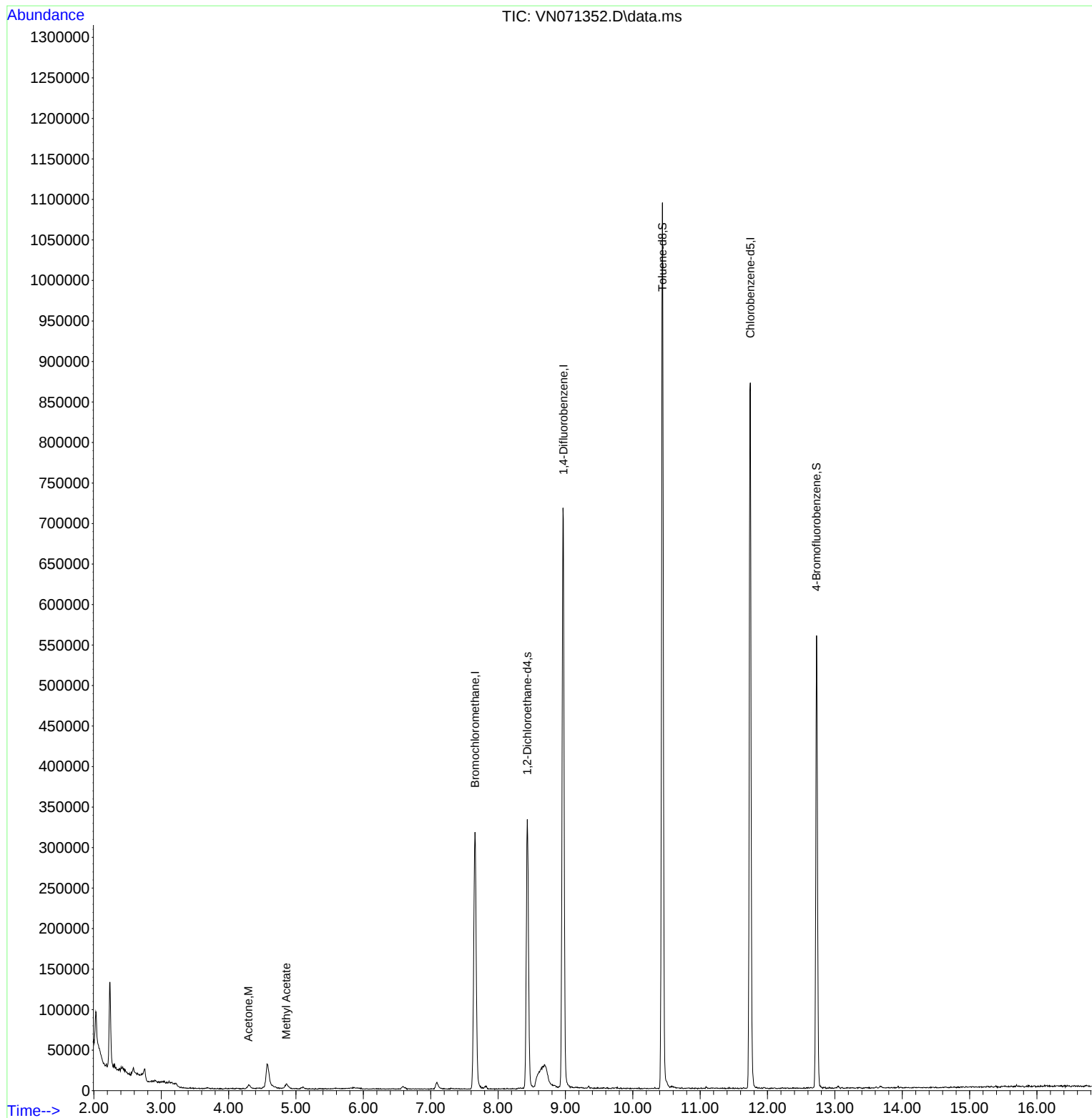
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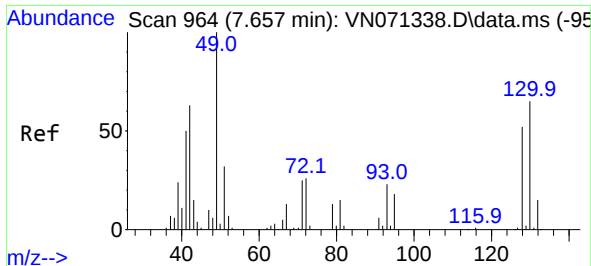
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ClientSampleId :
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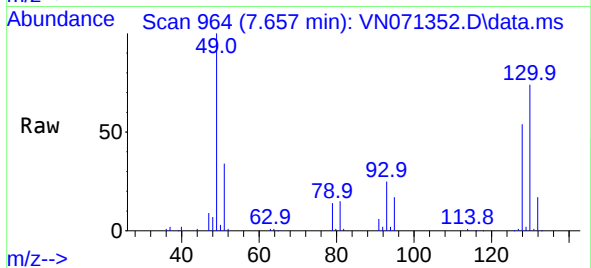
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 964
Delta R.T. -0.000 min
Lab File: VN071352.D
Acq: 17 Mar 2022 15:07

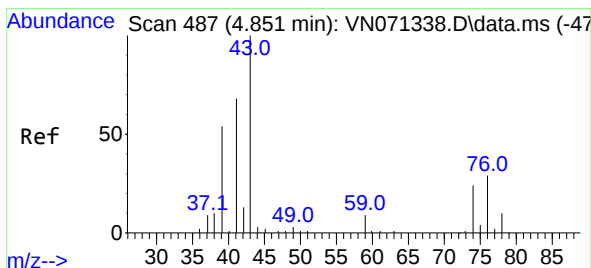
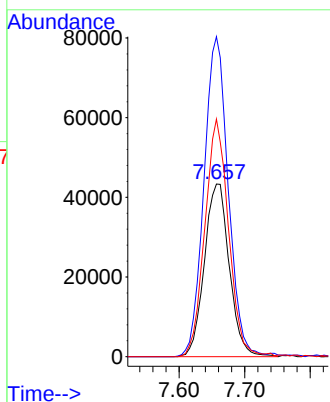
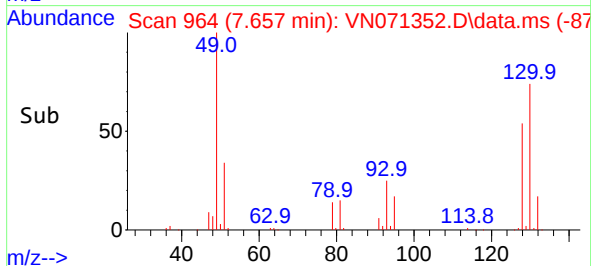
Instrument :
MSVOA_N
ClientSampleId :
220316001-02-TRIP-BLANK



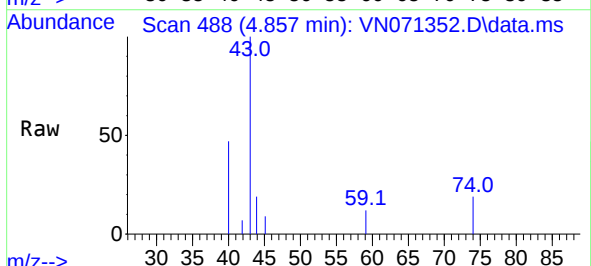
Tgt Ion:128 Resp: 11447
Ion Ratio Lower Upper
128 100
49 179.9 0.0 392.3
130 130.4 0.0 320.2

Manual Integrations
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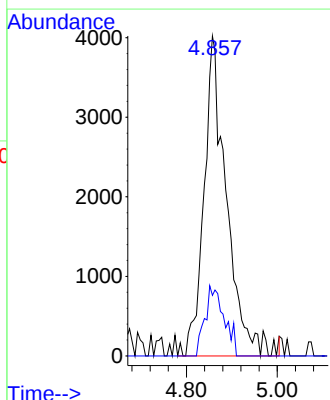
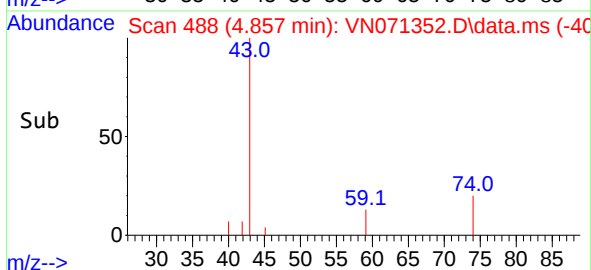
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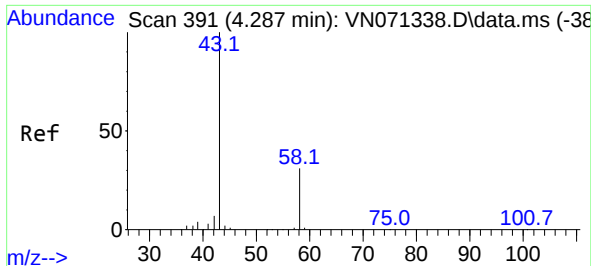


#12
Methyl Acetate
Concen: 1.112 ug/l m
RT: 4.857 min Scan# 488
Delta R.T. 0.006 min
Lab File: VN071352.D
Acq: 17 Mar 2022 15:07



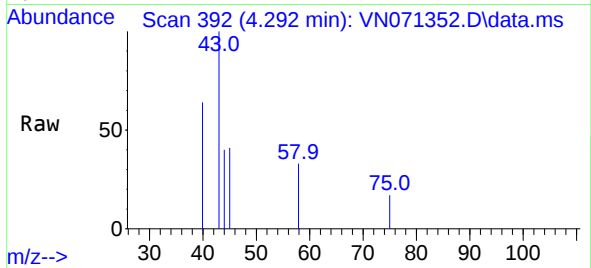
Tgt Ion: 43 Resp: 13930
Ion Ratio Lower Upper
43 100
74 18.9 20.8 31.2#





#15
Acetone
Concen: 1.354 ug/l m
RT: 4.292 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN071352.D
Acq: 17 Mar 2022 15:07

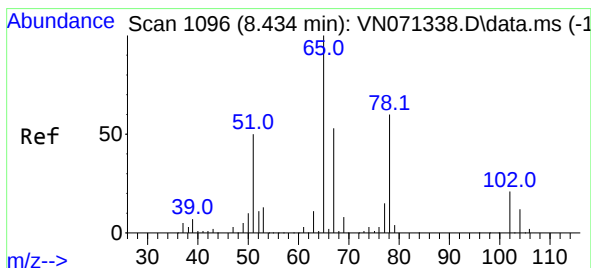
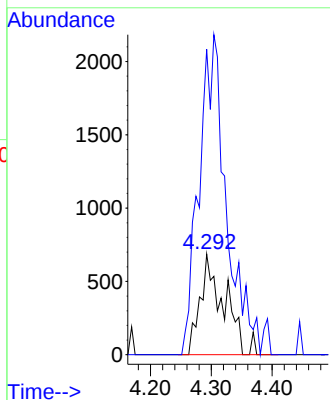
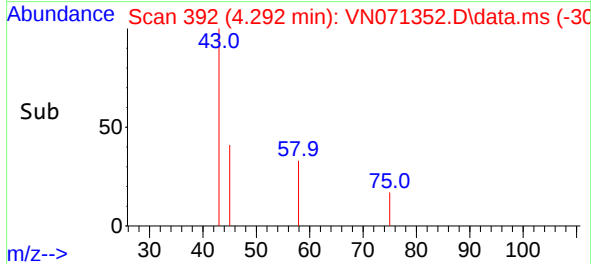
Instrument :
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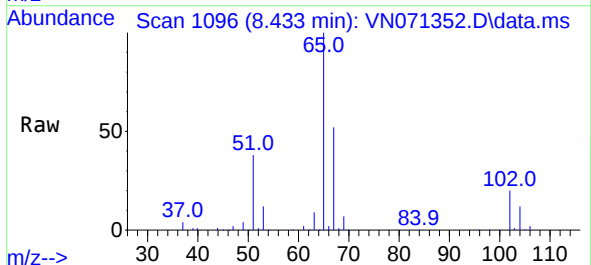
Tgt Ion: 58 Resp: 1858
Ion Ratio Lower Upper
58 100
43 303.3 256.6 384.8

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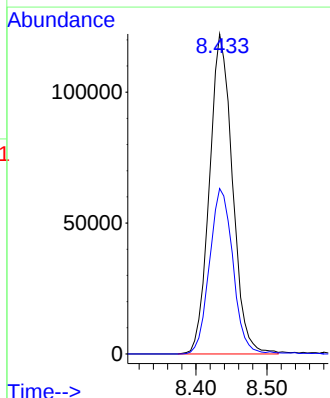
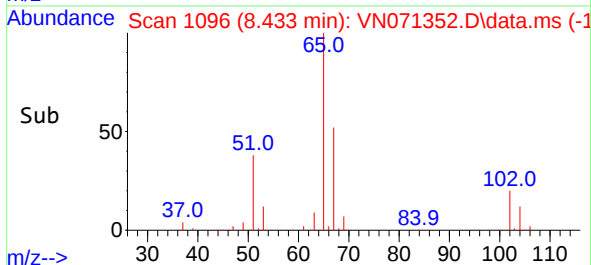
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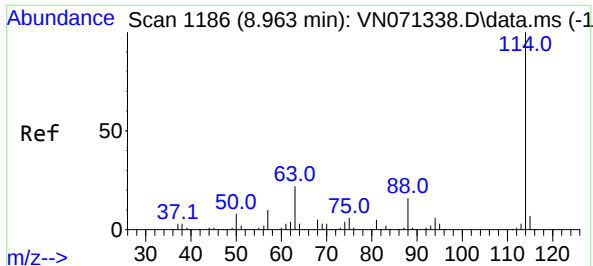


#27
1,2-Dichloroethane-d4
Concen: 30.254 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071352.D
Acq: 17 Mar 2022 15:07



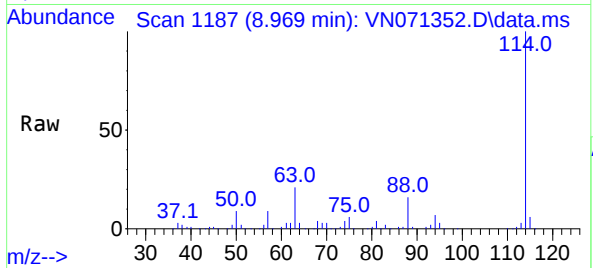
Tgt Ion: 65 Resp: 274963
Ion Ratio Lower Upper
65 100
67 52.3 40.2 60.2





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.969 min Scan# 1186
Delta R.T. 0.006 min
Lab File: VN071352.D
Acq: 17 Mar 2022 15:07

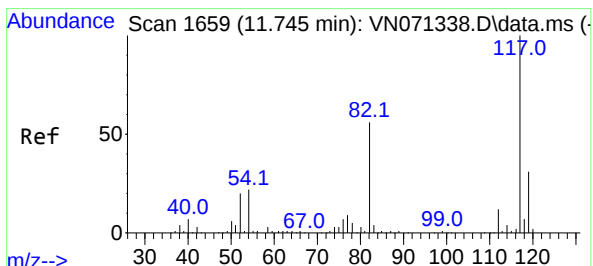
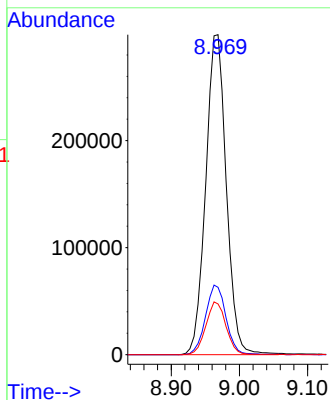
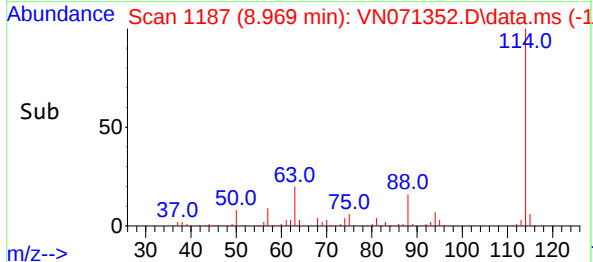
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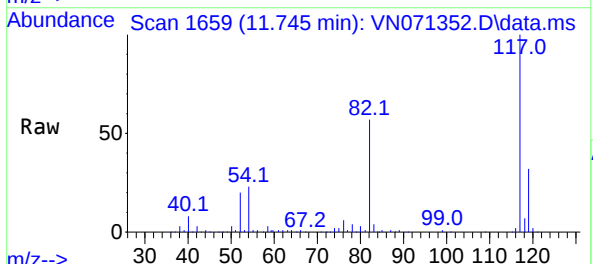
Tgt Ion:114 Resp: 628530
Ion Ratio Lower Upper
114 100
63 21.6 15.8 23.6
88 16.1 11.6 17.4

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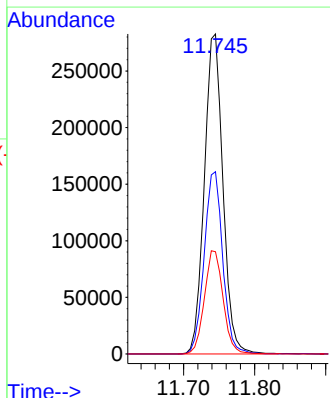
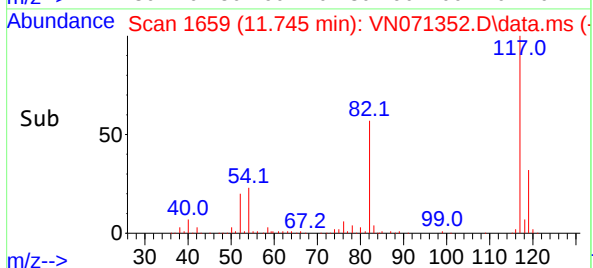
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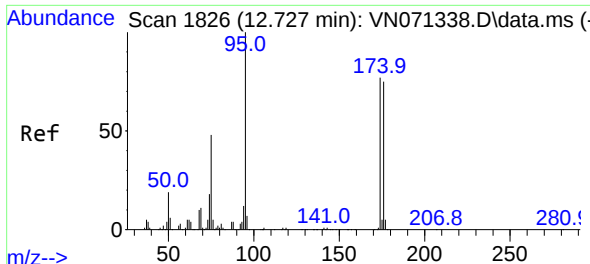


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VN071352.D
Acq: 17 Mar 2022 15:07



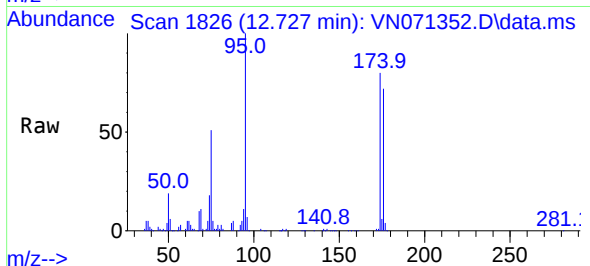
Tgt Ion:117 Resp: 515146
Ion Ratio Lower Upper
117 100
82 56.8 43.6 65.4
119 32.5 25.8 38.6





#60
4-Bromofluorobenzene
Concen: 24.809 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071352.D
Acq: 17 Mar 2022 15:07

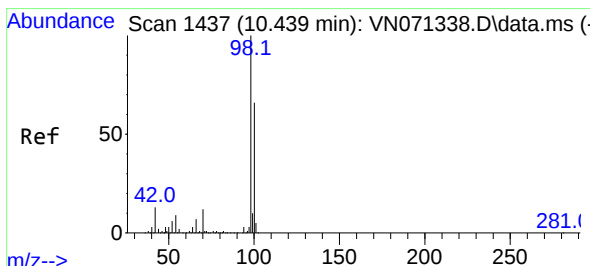
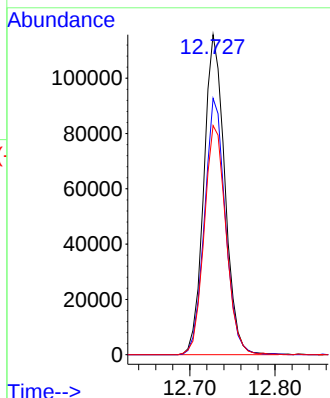
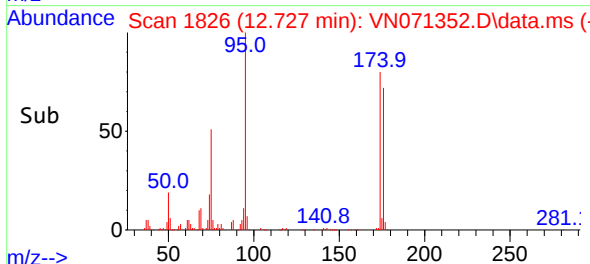
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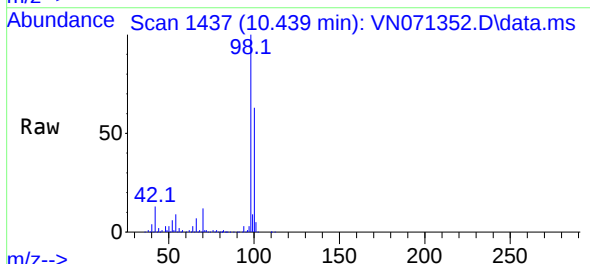
Tgt Ion: 95 Resp: 19744
Ion Ratio Lower Upper
95 100
174 79.8 62.9 94.3
176 74.4 61.0 91.4

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#63
Toluene-d8
Concen: 31.347 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071352.D
Acq: 17 Mar 2022 15:07



Tgt Ion: 98 Resp: 742835
Ion Ratio Lower Upper
98 100
100 64.5 50.6 76.0

