

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022422\
 Data File : VL038438.D
 Acq On : 24 Feb 2022 17:30
 Operator : SY/AP
 Sample : N1607-07DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/26/2022
 Supervised By :Mahesh Dadoda 02/28/2022

Quant Time: Feb 25 00:45:55 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Feb 22 2022

QLast Update : Tue Feb 22 19:45:51 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.639	49	822005	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.140	114	1979682	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.047	117	1697202	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.375	95	1363423	9.709	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.100%
Target Compounds						
						Qvalue
9) Propene	3.006	41	15377	0.321	ppbv	98
13) Ethanol	3.594	45	357281	74.700	ppbv	94
19) Isopropyl Alcohol	3.948	45	435681	10.763	ppbv #	98
53) Toluene	9.764	91	72287m	0.382	ppbv	

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

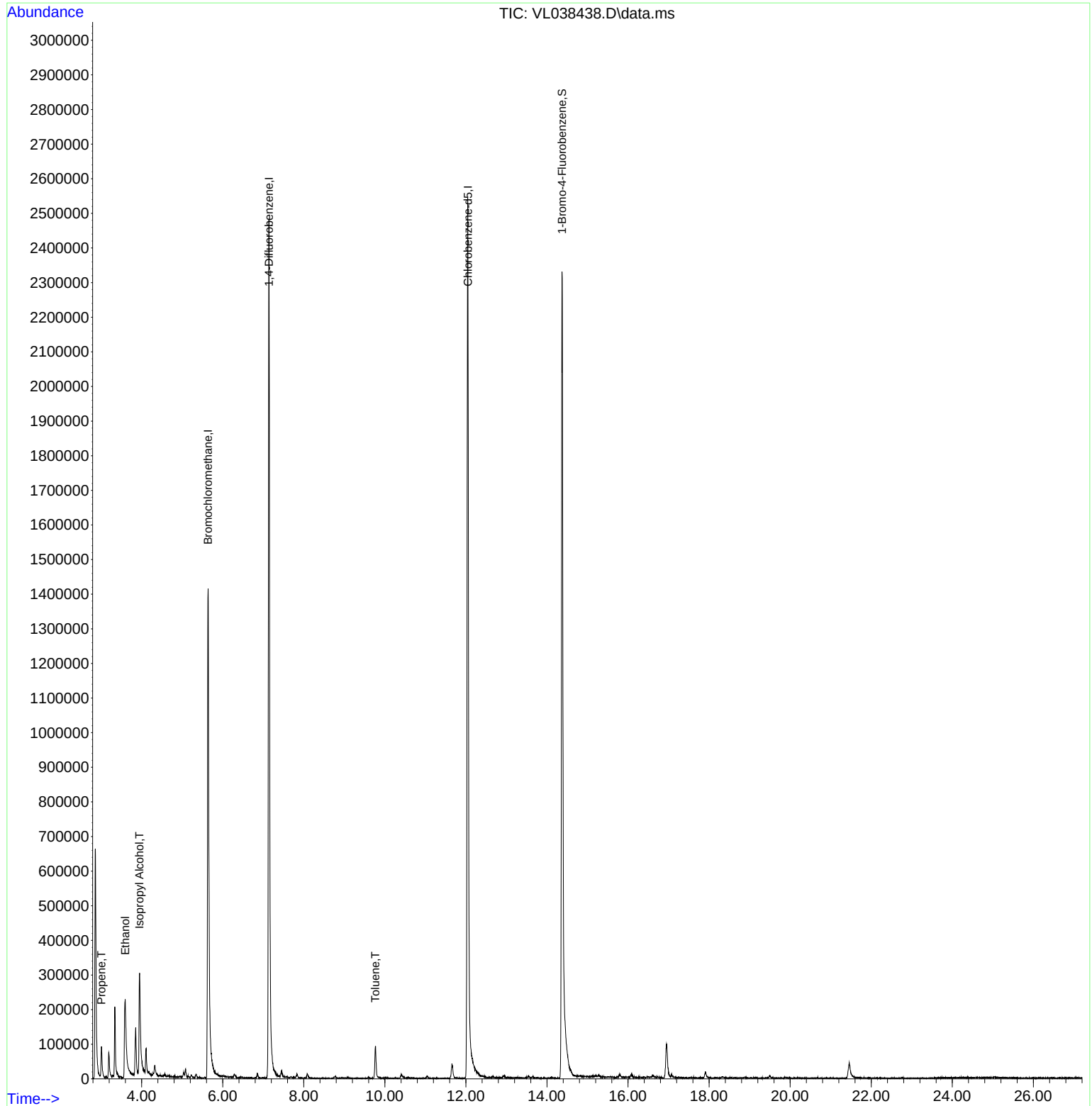
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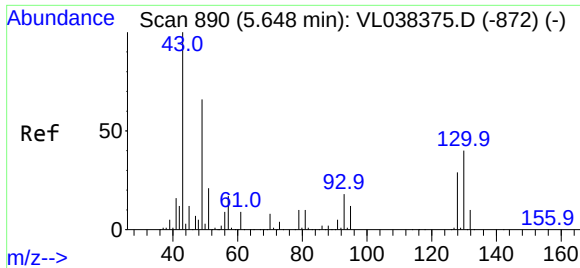
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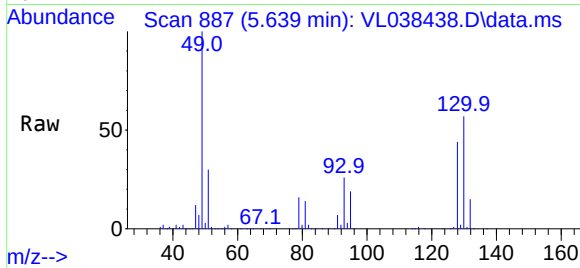
Quant Time: Feb 25 00:45:55 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Feb
QLast Update : Tue Feb 22 19:45:51 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.639 min Scan# 81
Delta R.T. -0.009 min
Lab File: VL038438.D
Acq: 24 Feb 2022 17:30

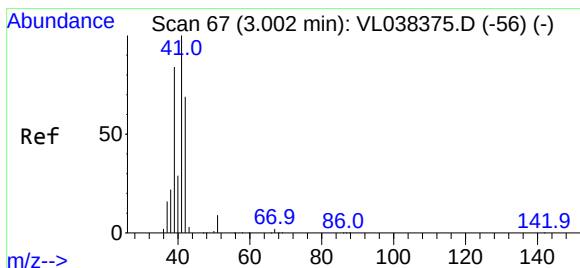
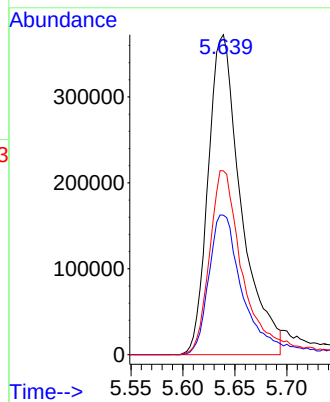
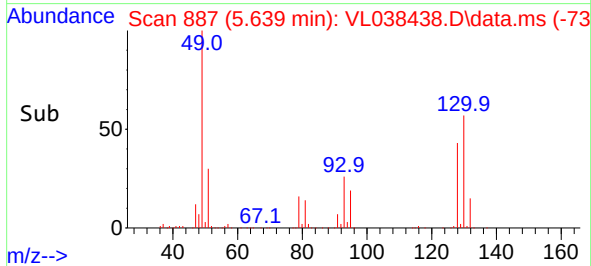
Instrument :
MSVOA_L
ClientSampleId :
IA-2DL



Tgt Ion: 49 Resp: 82200
Ion Ratio Lower Upper
49 100
128 48.4 24.3 72.9
130 60.7 30.1 90.5

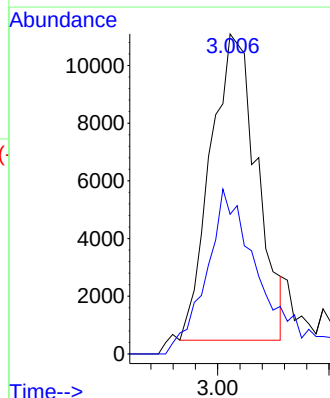
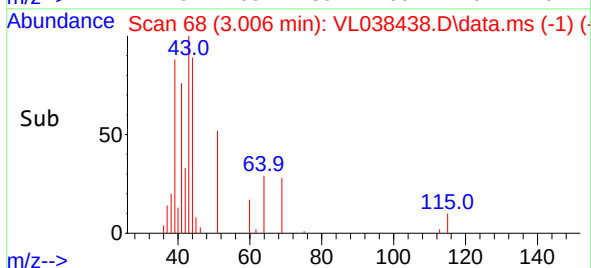
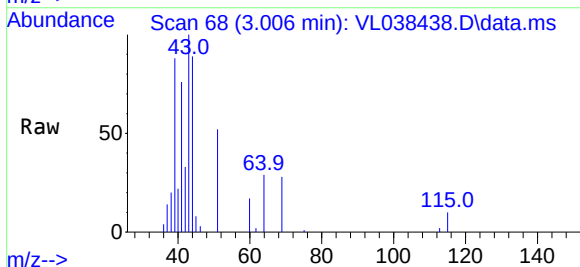
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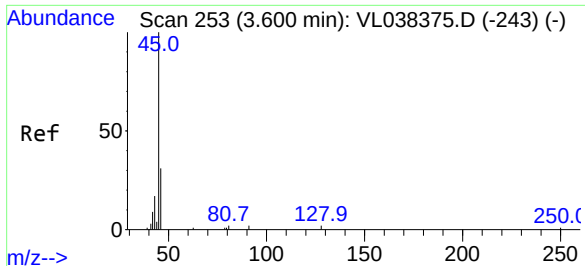
Reviewed By :Semsettin Yesilyurt 02/26/2022
Supervised By :Mahesh Dadoda 02/28/2022



#9
Propene
Concen: 0.321 ppbv
RT: 3.006 min Scan# 68
Delta R.T. 0.003 min
Lab File: VL038438.D
Acq: 24 Feb 2022 17:30

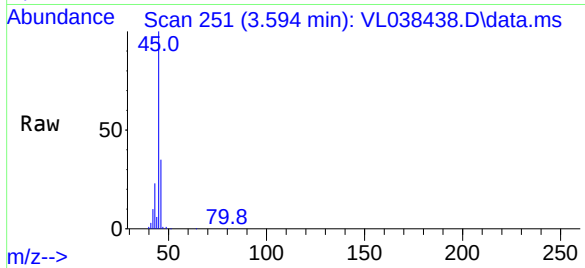
Tgt Ion: 41 Resp: 15377
Ion Ratio Lower Upper
41 100
42 67.0 54.6 82.0





#13
Ethanol
Concen: 74.700 ppbv
RT: 3.594 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL038438.D
Acq: 24 Feb 2022 17:30

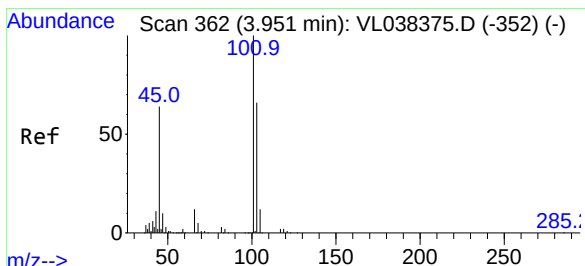
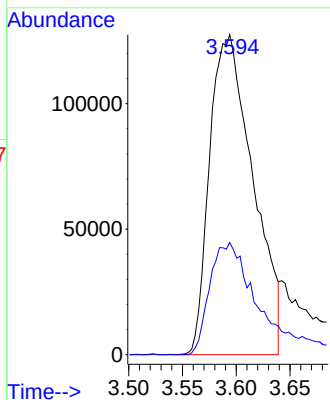
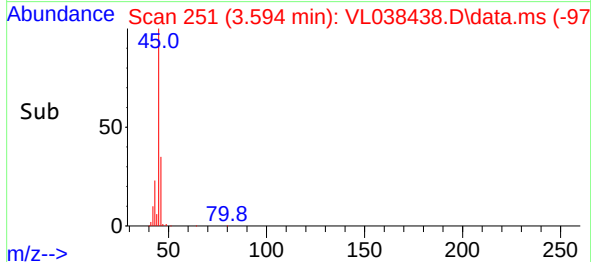
Instrument :
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ClientSampleId :
IA-2DL



Tgt Ion: 45 Resp: 35728
Ion Ratio Lower Upper
45 100
46 41.7 18.2 72.8

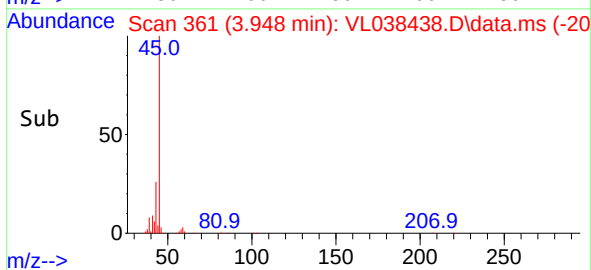
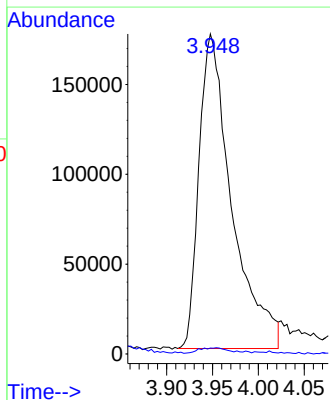
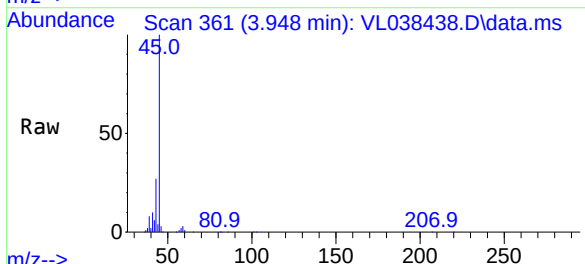
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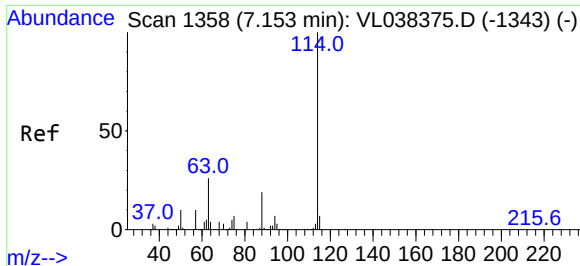
Reviewed By :Semsettin Yesilyurt 02/26/2022
Supervised By :Mahesh Dadoda 02/28/2022



#19
Isopropyl Alcohol
Concen: 10.763 ppbv
RT: 3.948 min Scan# 361
Delta R.T. -0.003 min
Lab File: VL038438.D
Acq: 24 Feb 2022 17:30

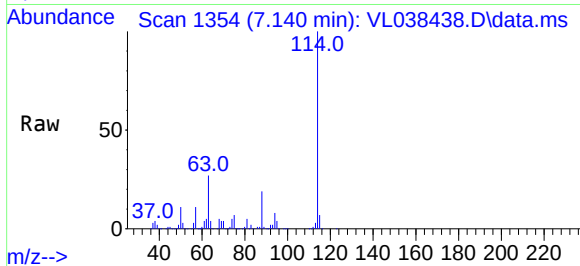
Tgt Ion: 45 Resp: 435681
Ion Ratio Lower Upper
45 100
58 2.8 1.8 2.8#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.140 min Scan# 114
Delta R.T. -0.013 min
Lab File: VL038438.D
Acq: 24 Feb 2022 17:30

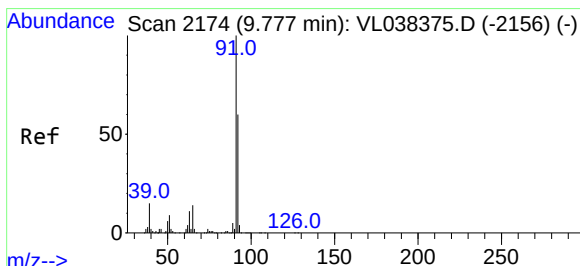
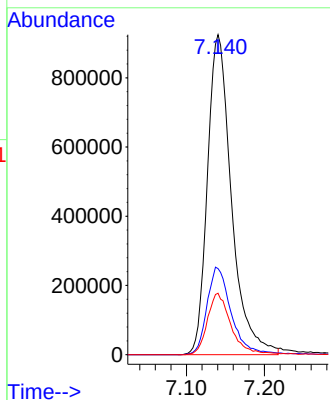
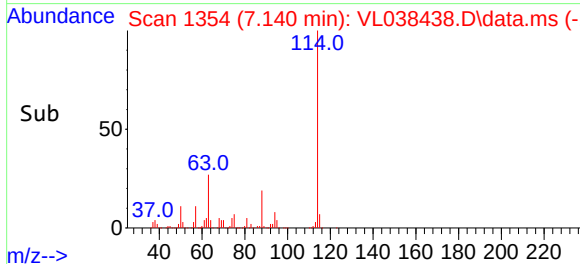
Instrument :
MSVOA_L
ClientSampleId :
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Tgt Ion:114 Resp: 197968
Ion Ratio Lower Upper
114 100
63 28.1 22.2 33.2
88 19.3 15.2 22.8

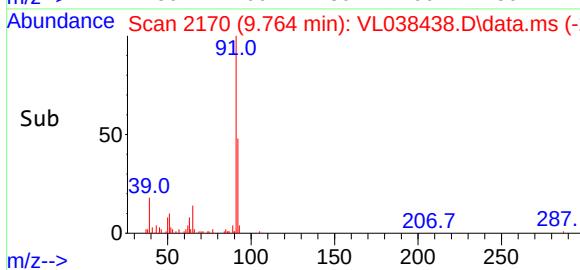
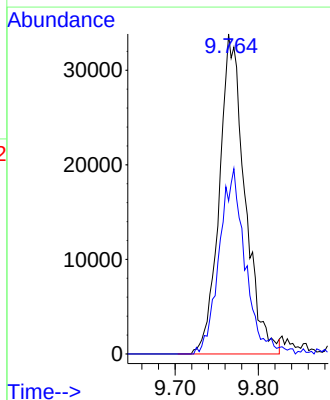
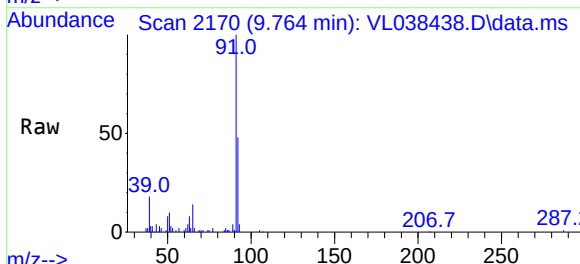
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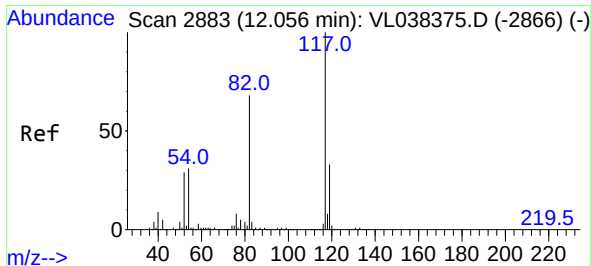
Reviewed By :Semsettin Yesilyurt 02/26/2022
Supervised By :Mahesh Dadoda 02/28/2022



#53
Toluene
Concen: 0.382 ppbv m
RT: 9.764 min Scan# 2170
Delta R.T. -0.013 min
Lab File: VL038438.D
Acq: 24 Feb 2022 17:30

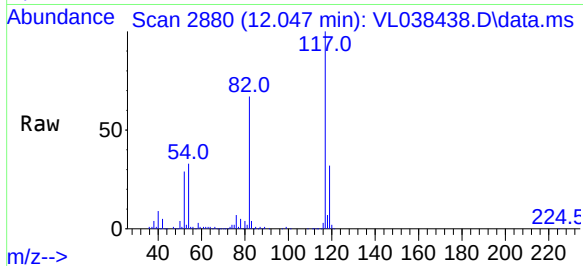
Tgt Ion: 91 Resp: 72287
Ion Ratio Lower Upper
91 100
92 0.0 48.2 72.4#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.047 min Scan# 2883
Delta R.T. -0.009 min
Lab File: VL038438.D
Acq: 24 Feb 2022 17:30

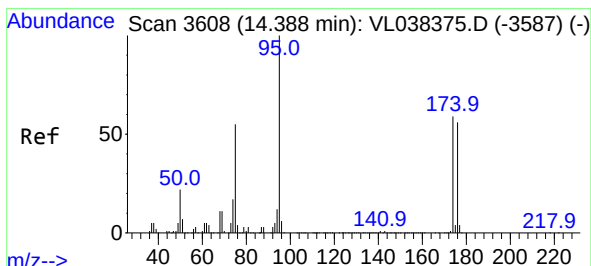
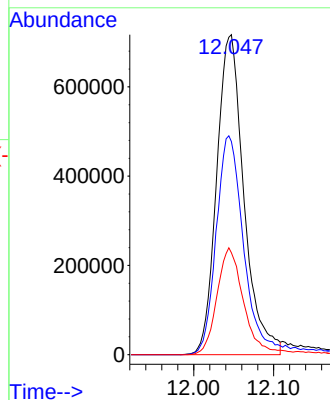
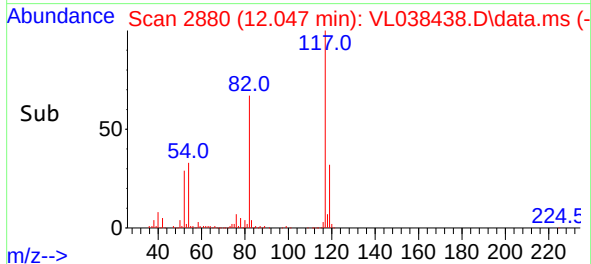
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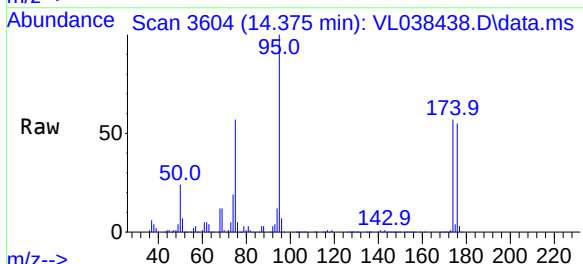
Tgt Ion: 117 Resp: 169720
Ion Ratio Lower Upper
117 100
82 74.0 54.9 82.3
119 34.2 46.1 69.1

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Supervised By :Mahesh Dadoda 02/28/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 9.709 ppbv
RT: 14.375 min Scan# 3604
Delta R.T. -0.013 min
Lab File: VL038438.D
Acq: 24 Feb 2022 17:30



Tgt Ion: 95 Resp: 1363423
Ion Ratio Lower Upper
95 100
174 60.1 49.0 73.4
175 4.2 3.6 5.4

