

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022422\
 Data File : VL038435.D
 Acq On : 24 Feb 2022 15:28
 Operator : SY/AP
 Sample : N1605-06DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1DL

Manual Integrations
 APPROVED

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

Quant Time: Feb 25 00:44:49 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	5.635	49	869700	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	7.140	114	1997022	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.044	117	1706968	10.000	ppbv	#-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.371	95	1312598	9.294	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.900%
Target Compounds						
					Qvalue	
9) Propene	3.009	41	21957m	0.433	ppbv	
13) Ethanol	3.584	45	526808	104.104	ppbv	89
15) Acetone	3.835	43	56676m	0.766	ppbv	
19) Isopropyl Alcohol	3.941	45	1453517	33.938	ppbv #	99
53) Toluene	9.761	91	29741m	0.156	ppbv	

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

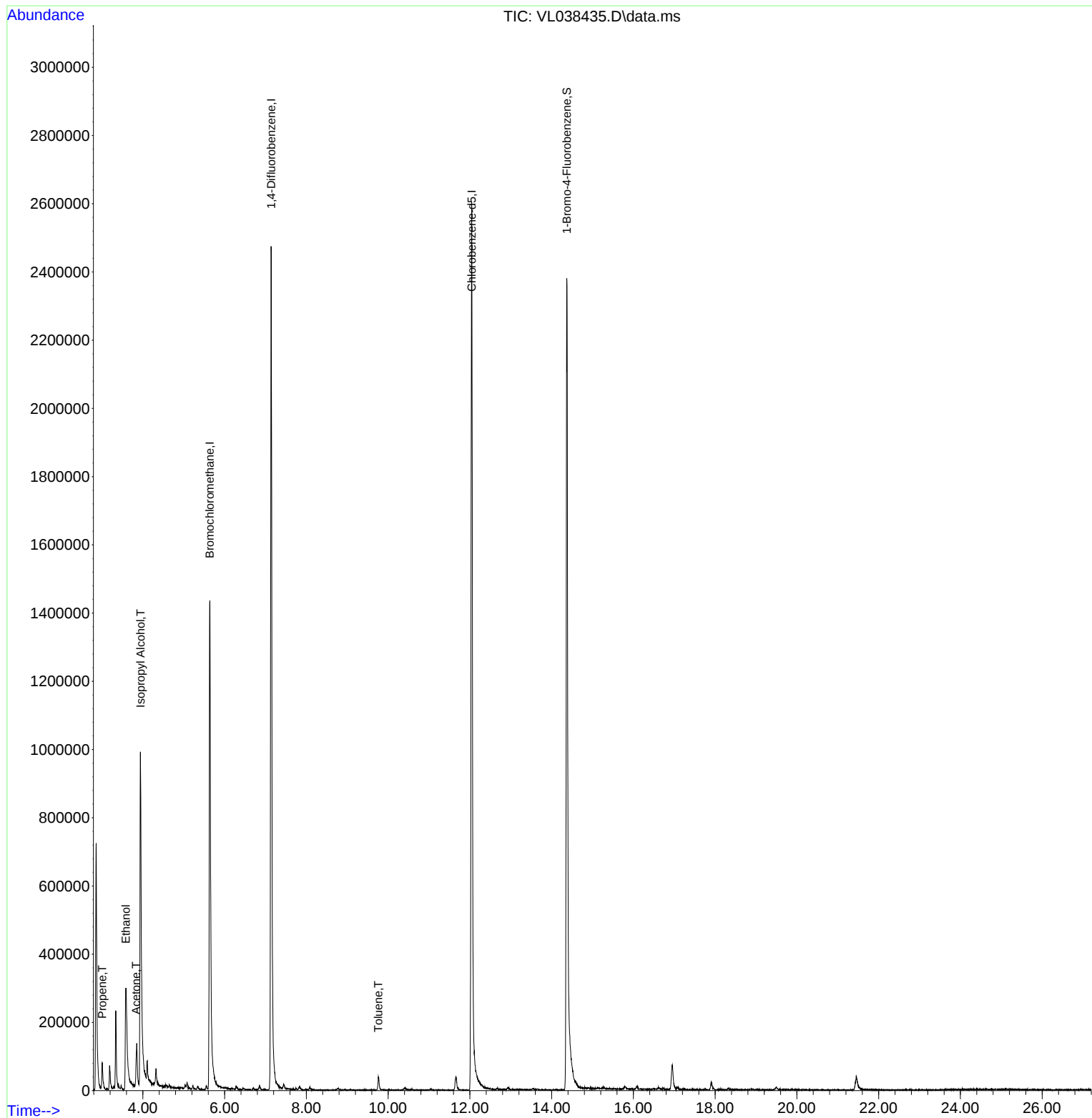
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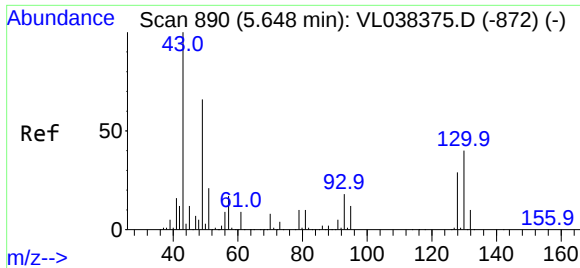
Instrument :
MSVOA_L
ClientSampleId :
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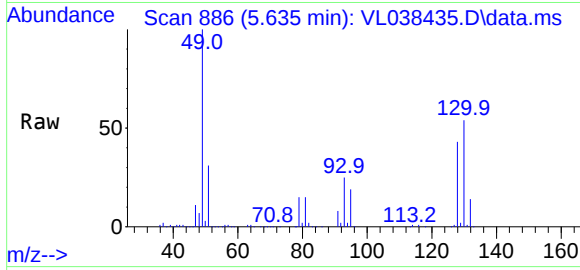
Reviewed By : Semsettin Yesilyurt 02/28/2022
Supervised By : Mahesh Dadoda 02/28/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.635 min Scan# 869700
Delta R.T. -0.013 min
Lab File: VL038435.D
Acq: 24 Feb 2022 15:28

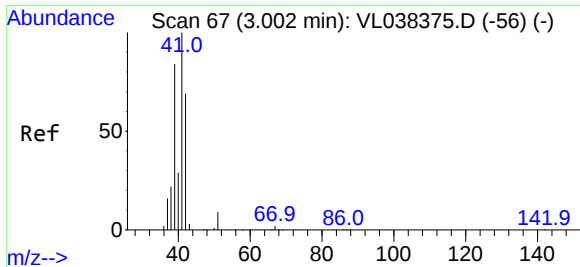
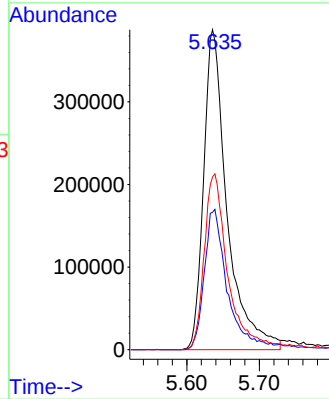
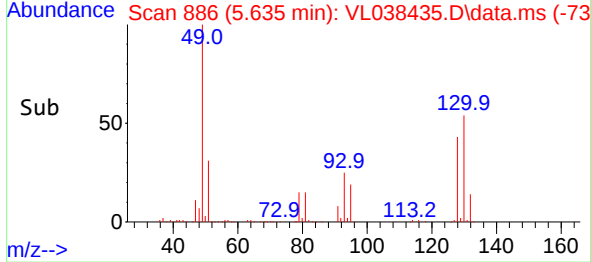
Instrument :
MSVOA_L
ClientSampleId :
IA-1DL



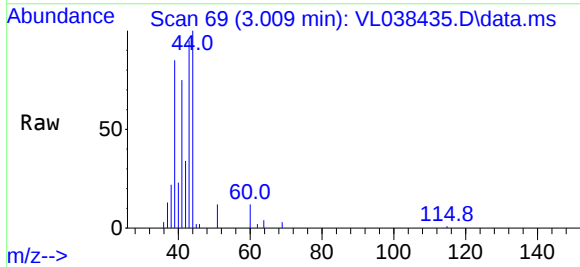
Tgt Ion: 49 Resp: 869700
Ion Ratio Lower Upper
49 100
128 44.8 24.3 72.9
130 58.1 30.1 90.5

Manual Integrations
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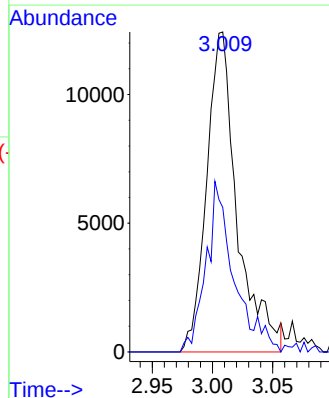
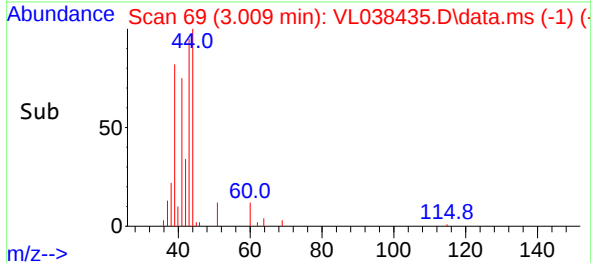
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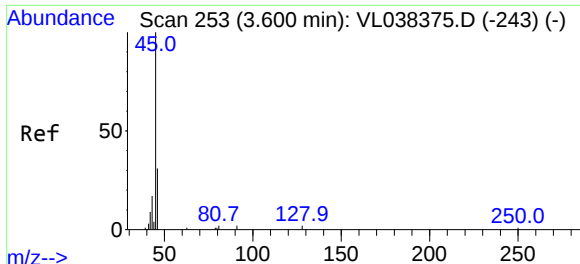


#9
Propene
Concen: 0.433 ppbv m
RT: 3.009 min Scan# 69
Delta R.T. 0.006 min
Lab File: VL038435.D
Acq: 24 Feb 2022 15:28



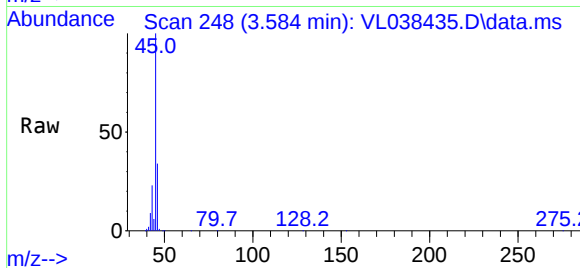
Tgt Ion: 41 Resp: 21957
Ion Ratio Lower Upper
41 100
42 83.8 54.6 82.0#





#13
Ethanol
Concen: 104.104 ppbv
RT: 3.584 min Scan# 24
Delta R.T. -0.016 min
Lab File: VL038435.D
Acq: 24 Feb 2022 15:28

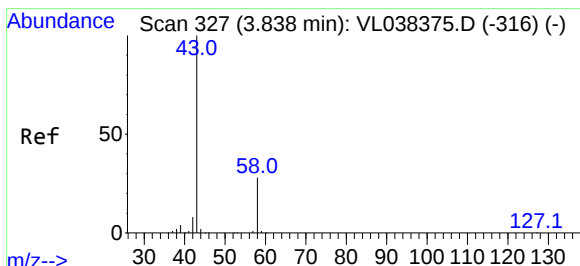
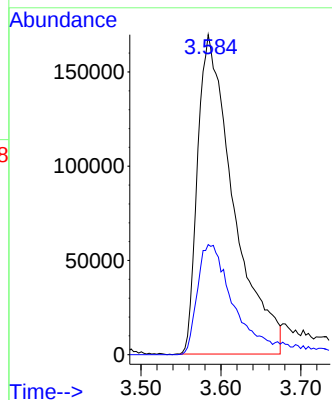
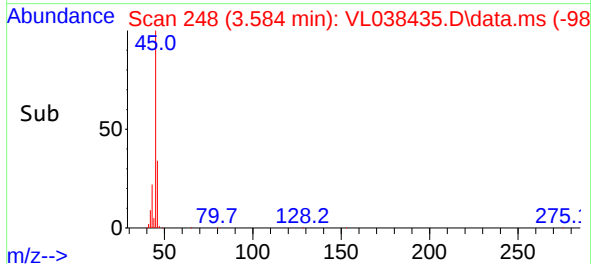
Instrument :
MSVOA_L
ClientSampleId :
IA-1DL



Tgt Ion: 45 Resp: 526808
Ion Ratio Lower Upper
45 100
46 38.4 18.2 72.8

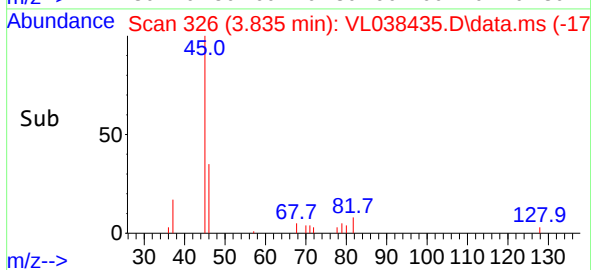
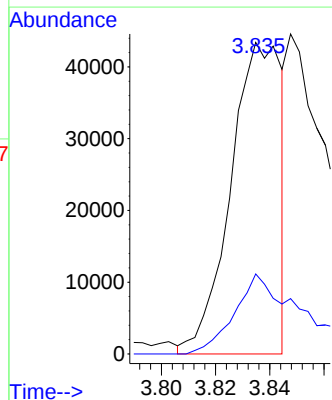
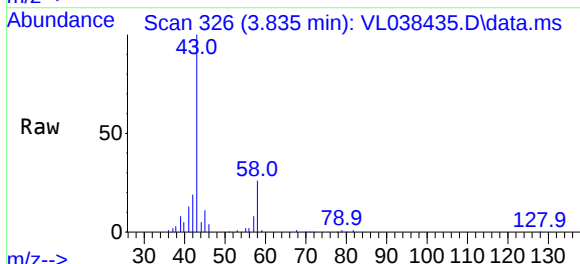
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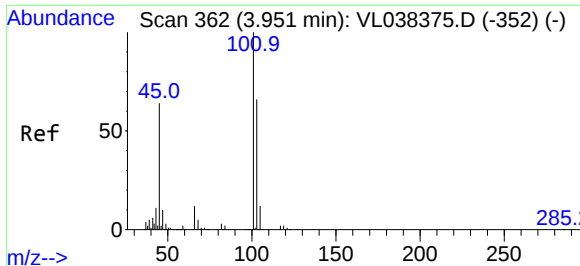
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#15
Acetone
Concen: 0.766 ppbv m
RT: 3.835 min Scan# 326
Delta R.T. -0.003 min
Lab File: VL038435.D
Acq: 24 Feb 2022 15:28

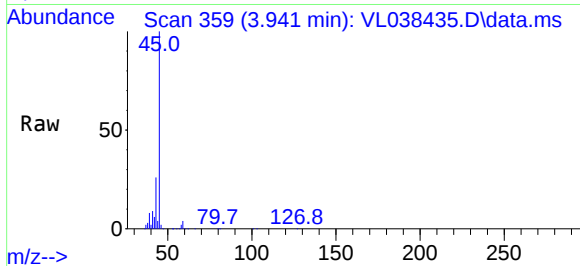
Tgt Ion: 43 Resp: 56676
Ion Ratio Lower Upper
43 100
58 37.9 21.7 32.5#





#19
Isopropyl Alcohol
Concen: 33.938 ppbv
RT: 3.941 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL038435.D
Acq: 24 Feb 2022 15:28

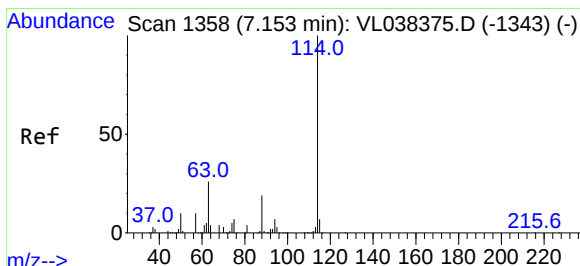
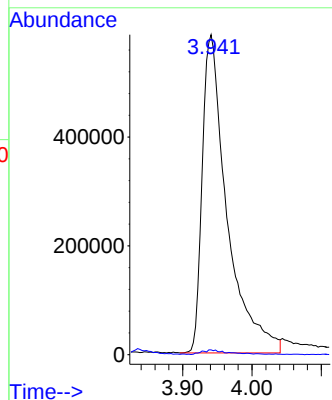
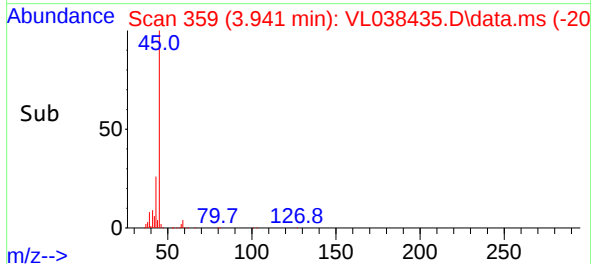
Instrument :
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ClientSampleId :
IA-1DL



Tgt Ion: 45 Resp: 145351
Ion Ratio Lower Upper
45 100
58 1.8 1.8 2.8

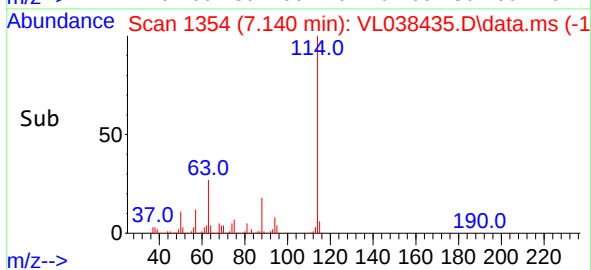
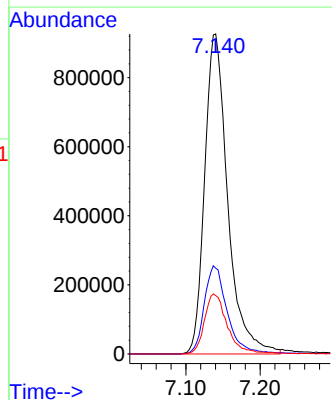
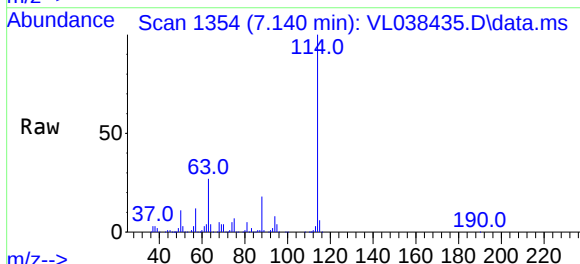
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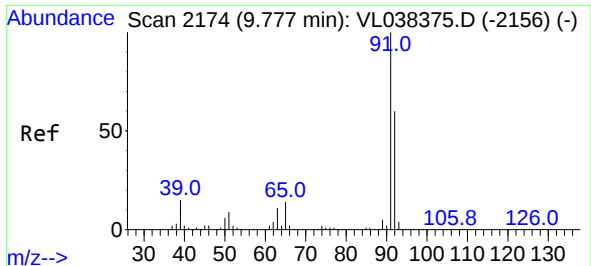
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Supervised By :Mahesh Dadoda 02/28/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.140 min Scan# 1354
Delta R.T. -0.013 min
Lab File: VL038435.D
Acq: 24 Feb 2022 15:28

Tgt Ion:114 Resp: 1997022
Ion Ratio Lower Upper
114 100
63 28.0 22.2 33.2
88 18.8 15.2 22.8





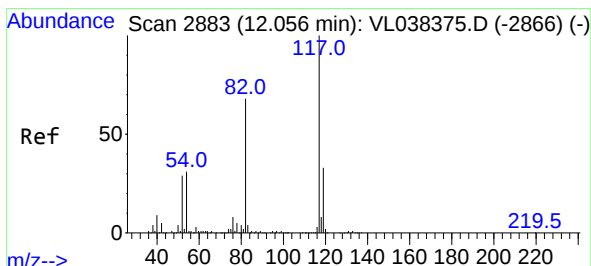
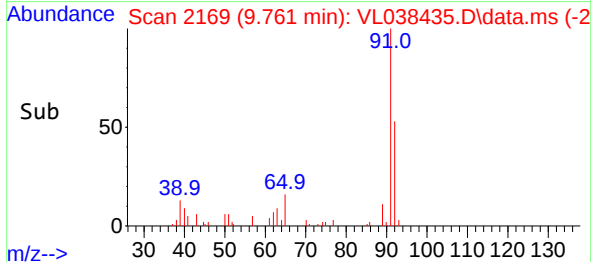
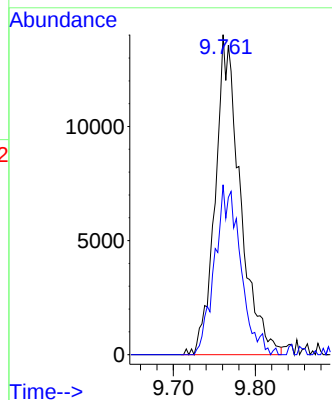
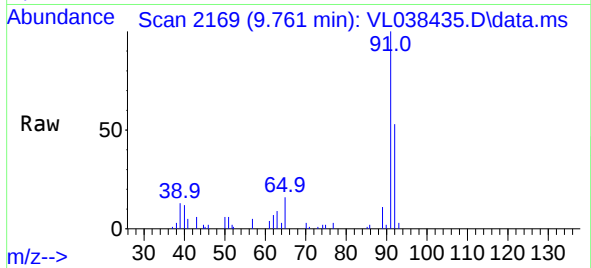
#53
Toluene
Concen: 0.156 ppbv m
RT: 9.761 min Scan# 2174
Delta R.T. -0.016 min
Lab File: VL038435.D
Acq: 24 Feb 2022 15:28

Instrument :
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ClientSampleId :
IA-1DL

Tgt Ion: 91 Resp: 2974
Ion Ratio Lower Upper
91 100
92 54.7 48.2 72.4

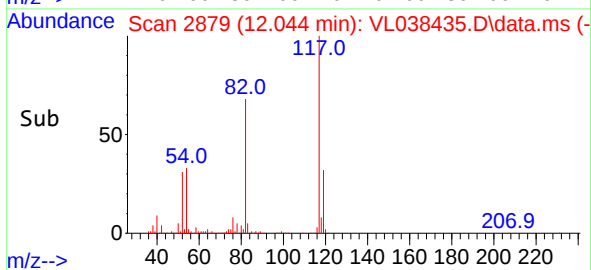
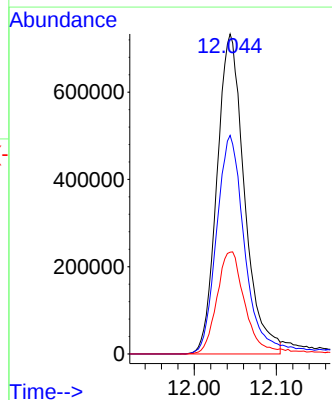
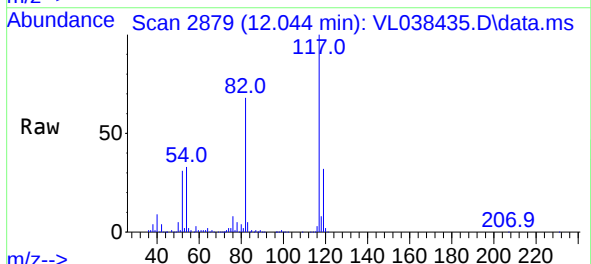
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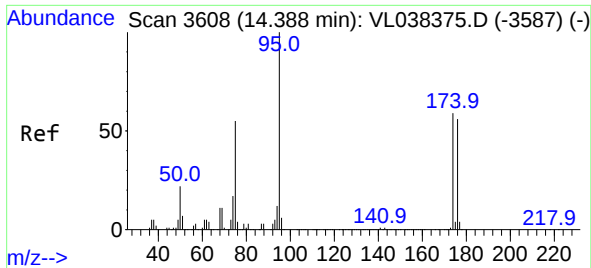
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.044 min Scan# 2879
Delta R.T. -0.013 min
Lab File: VL038435.D
Acq: 24 Feb 2022 15:28

Tgt Ion:117 Resp: 1706968
Ion Ratio Lower Upper
117 100
82 72.9 54.9 82.3
119 34.3 46.1 69.1#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.294 ppbv
 RT: 14.371 min Scan# 30
 Delta R.T. -0.016 min
 Lab File: VL038435.D
 Acq: 24 Feb 2022 15:28

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1DL

Tgt Ion: 95 Resp: 1312598
 Ion Ratio Lower Upper
 95 100
 174 62.0 49.0 73.4
 175 4.2 3.6 5.4

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