

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032222\
 Data File : VL038712.D
 Acq On : 23 Mar 2022 10:29
 Operator : SY/AP
 Sample : N1961-16DL2 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P79DL2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/24/2022
 Supervised By :Mahesh Dadoda 03/25/2022

Quant Time: Mar 24 02:54:42 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 2
 QLast Update : Mon Mar 21 17:09:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.648	49	651426	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.153	114	1718977	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.060	117	1472320	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.388	95	1126482	9.979	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.800%
Target Compounds						
					Qvalue	
9) Propene	3.015	41	14792	0.445	ppbv #	76
13) Ethanol	3.607	45	10830m	2.956	ppbv	
52) Tetrachloroethene	11.198	164	5271m	0.109	ppbv	
53) Toluene	9.783	91	436876	3.065	ppbv	99

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

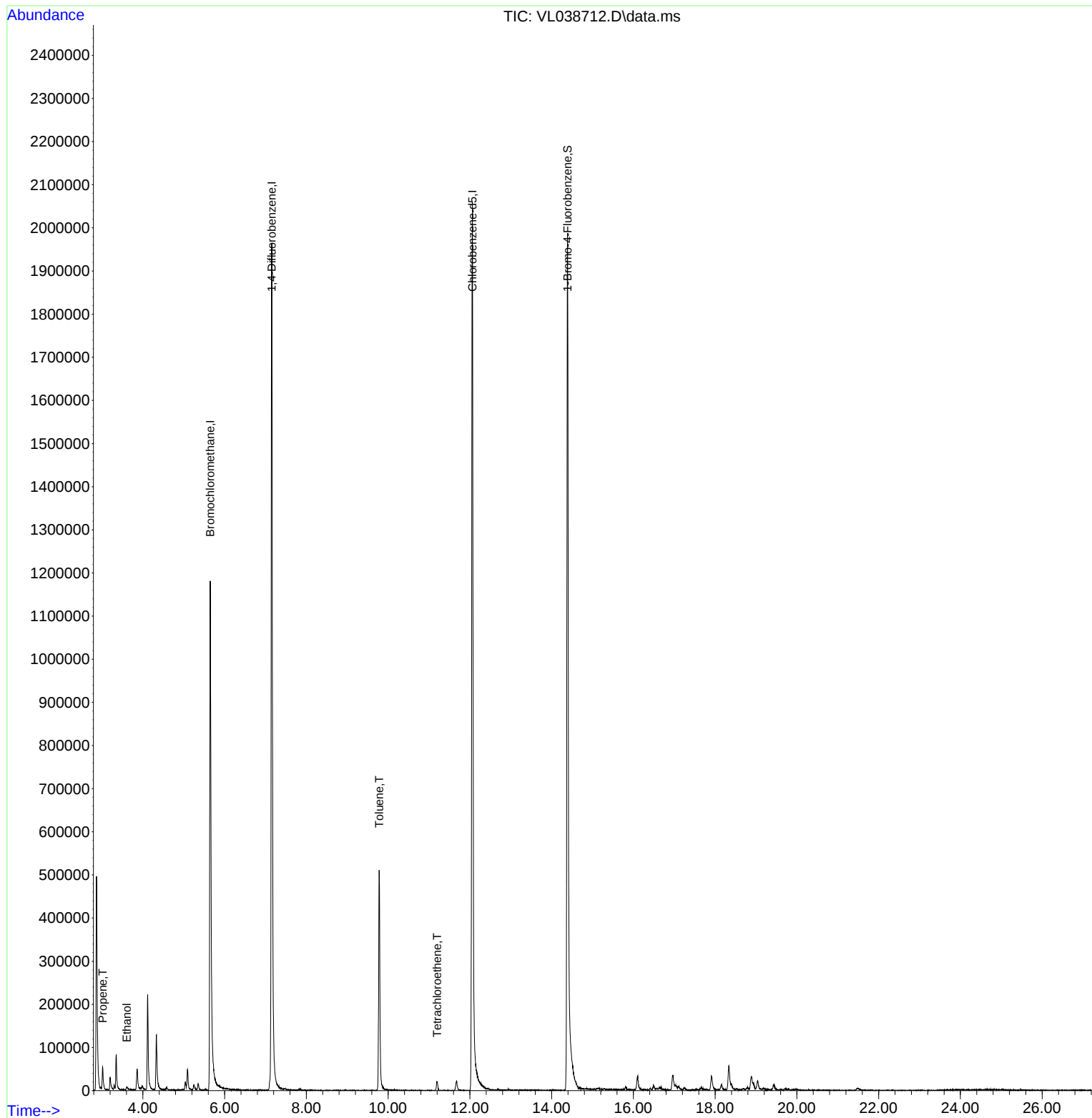
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032222\
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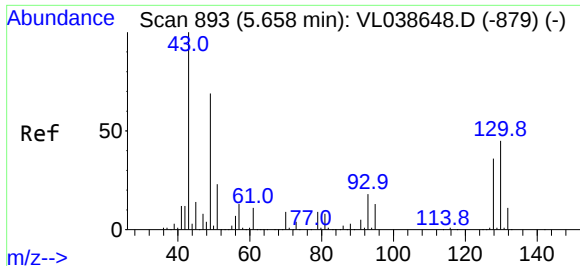
Instrument :
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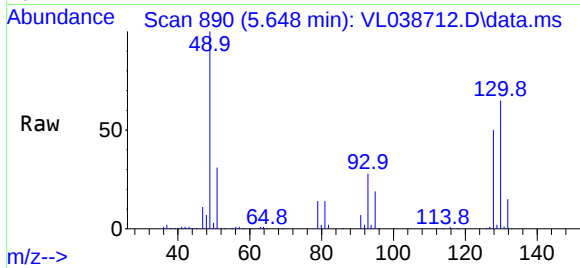
Quant Time: Mar 24 02:54:42 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.648 min Scan# 893
Delta R.T. -0.010 min
Lab File: VL038712.D
Acq: 23 Mar 2022 10:29

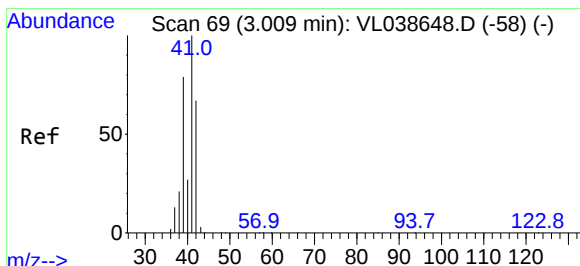
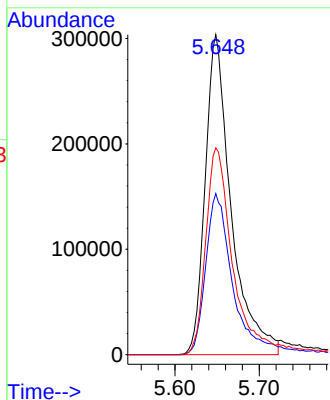
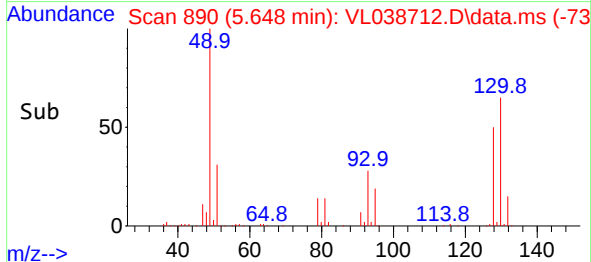
Instrument :
MSVOA_L
ClientSampleId :
COP79DL2



Tgt Ion: 49 Resp: 651420
Ion Ratio Lower Upper
49 100
128 55.5 26.2 78.6
130 71.0 33.7 101.1

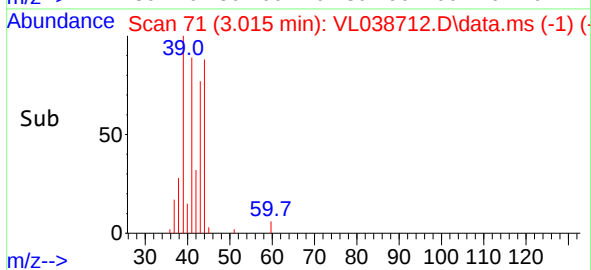
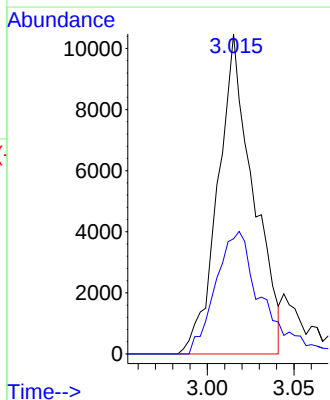
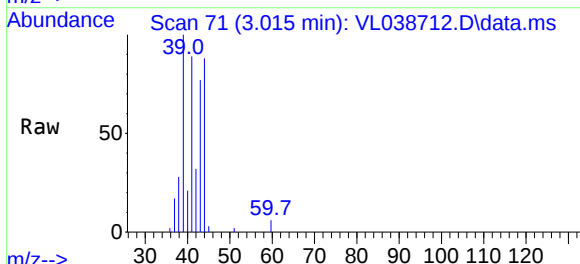
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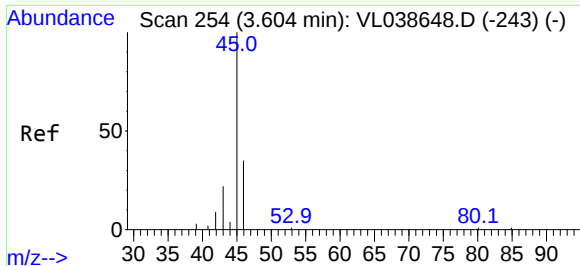
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Supervised By :Mahesh Dadoda 03/25/2022



#9
Propene
Concen: 0.445 ppbv
RT: 3.015 min Scan# 71
Delta R.T. 0.006 min
Lab File: VL038712.D
Acq: 23 Mar 2022 10:29

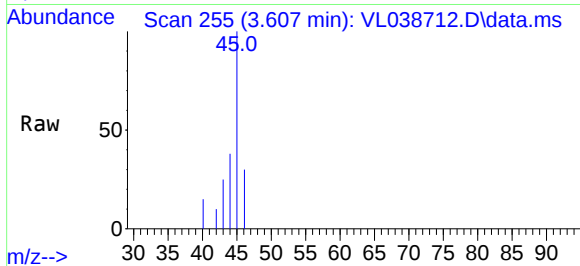
Tgt Ion: 41 Resp: 14792
Ion Ratio Lower Upper
41 100
42 50.6 56.2 84.4#





#13
Ethanol
Concen: 2.956 ppbv m
RT: 3.607 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL038712.D
Acq: 23 Mar 2022 10:29

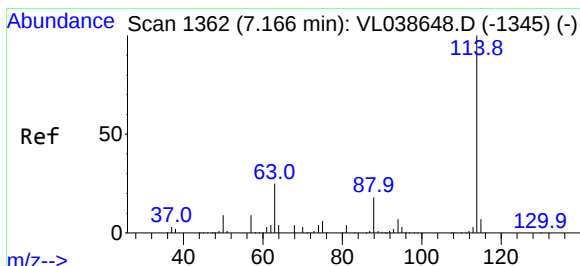
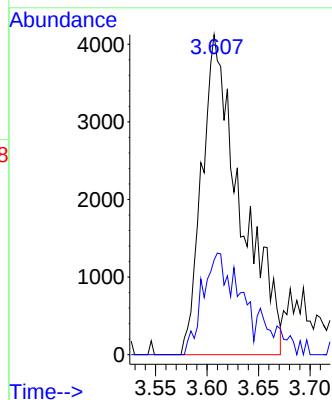
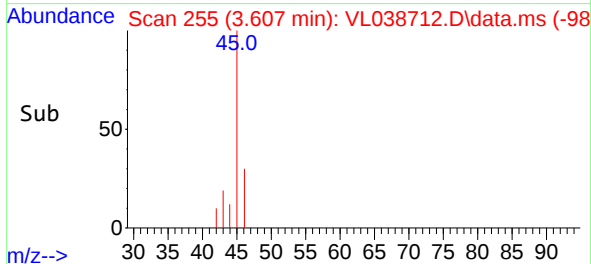
Instrument :
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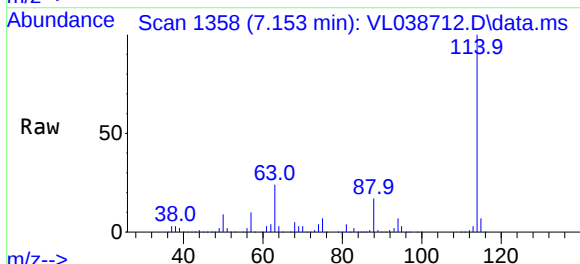
Tgt Ion: 45 Resp: 10830
Ion Ratio Lower Upper
45 100
46 36.6 15.1 60.5

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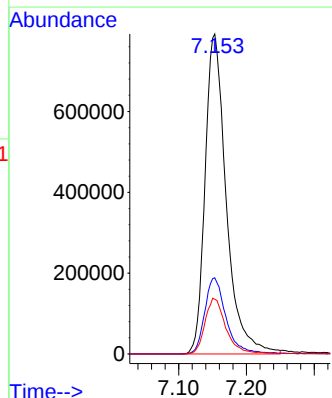
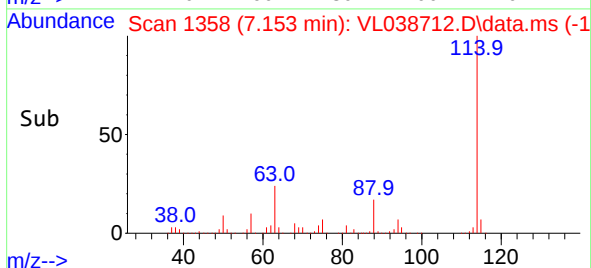
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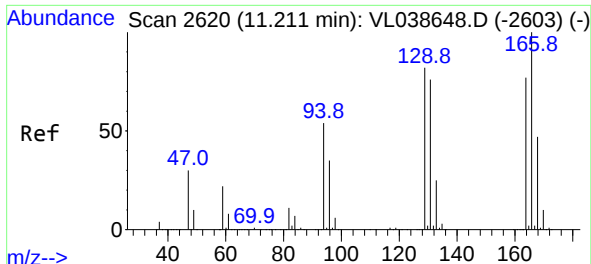


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.153 min Scan# 1358
Delta R.T. -0.013 min
Lab File: VL038712.D
Acq: 23 Mar 2022 10:29



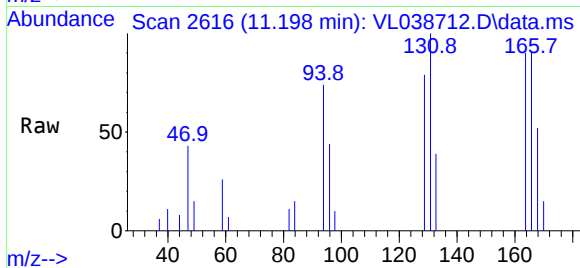
Tgt Ion:114 Resp: 1718977
Ion Ratio Lower Upper
114 100
63 24.2 19.4 29.0
88 17.4 13.9 20.9





#52
Tetrachloroethene
Concen: 0.109 ppbv m
RT: 11.198 min Scan# 2176
Delta R.T. -0.013 min
Lab File: VL038712.D
Acq: 23 Mar 2022 10:29

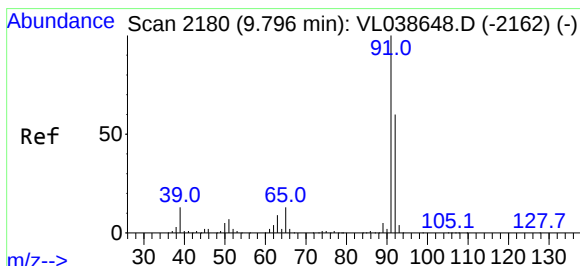
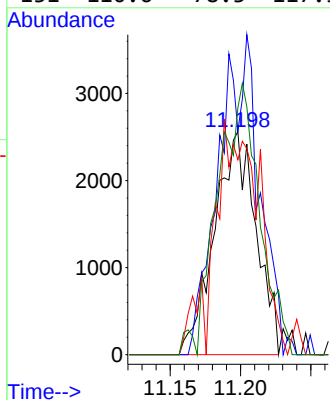
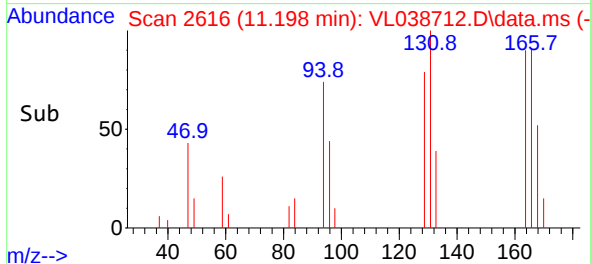
Instrument :
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ClientSampleId :
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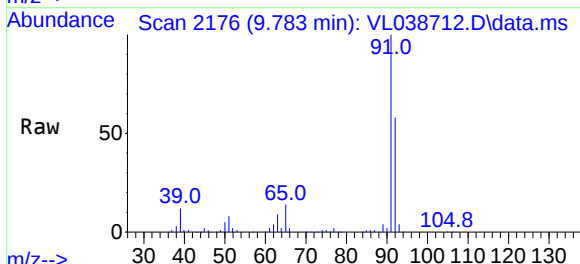
Tgt Ion:164 Resp: 527
Ion Ratio Lower Upper
164 100
166 100.4 103.3 154.9
129 87.4 85.2 127.8
131 110.6 78.3 117.5

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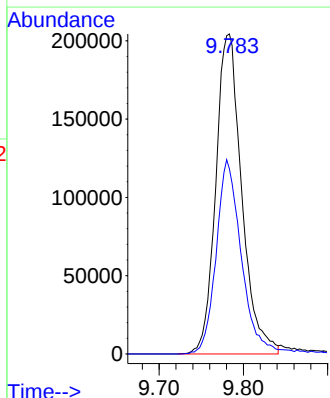
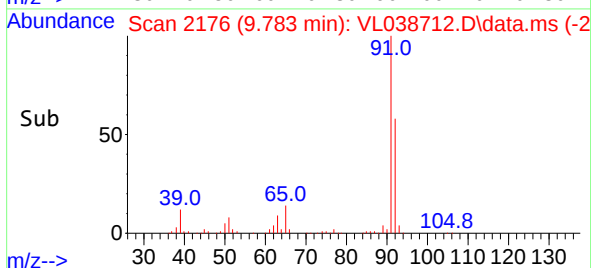
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Supervised By :Mahesh Dadoda 03/25/2022

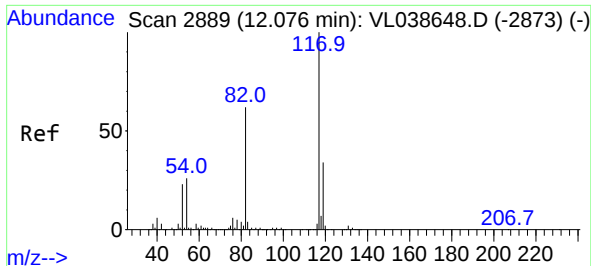


#53
Toluene
Concen: 3.065 ppbv
RT: 9.783 min Scan# 2176
Delta R.T. -0.013 min
Lab File: VL038712.D
Acq: 23 Mar 2022 10:29



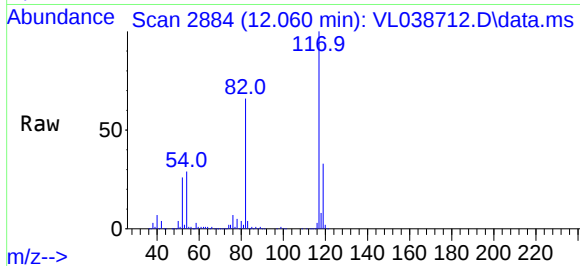
Tgt Ion: 91 Resp: 436876
Ion Ratio Lower Upper
91 100
92 59.8 48.7 73.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.060 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL038712.D
Acq: 23 Mar 2022 10:29

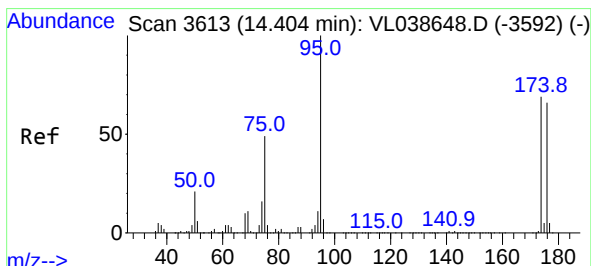
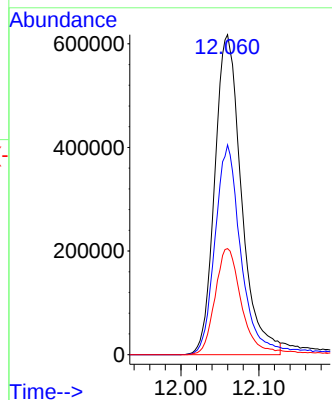
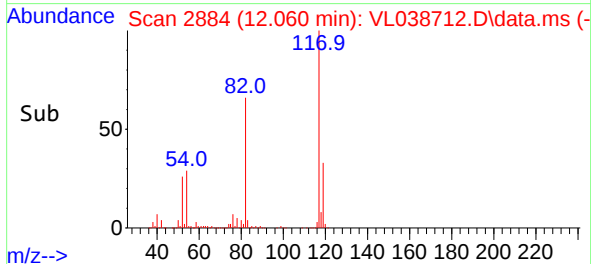
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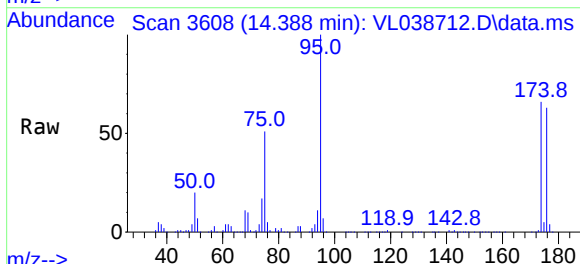
Tgt Ion: 117 Resp: 1472320
Ion Ratio Lower Upper
117 100
82 66.5 51.6 77.4
119 34.8 26.9 40.3

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Supervised By :Mahesh Dadoda 03/25/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 9.979 ppbv
RT: 14.388 min Scan# 3608
Delta R.T. -0.016 min
Lab File: VL038712.D
Acq: 23 Mar 2022 10:29



Tgt Ion: 95 Resp: 1126482
Ion Ratio Lower Upper
95 100
174 70.2 56.1 84.1
175 4.9 4.2 6.2

