

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032222\
 Data File : VL038708.D
 Acq On : 23 Mar 2022 6:57
 Operator : SY/AP
 Sample : N2048-02DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P94DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/23/2022
 Supervised By :Mahesh Dadoda 03/25/2022

Quant Time: Mar 23 07:59:06 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	750350	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.153	114	2049356	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.060	117	1782517	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.391	95	1306542	9.560	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.600%
Target Compounds						
					Qvalue	
13) Ethanol	3.613	45	17062m	4.043	ppbv	
15) Acetone	3.845	43	175036	2.703	ppbv #	87
34) 2-Butanone	5.237	43	120316	1.483	ppbv	96
52) Tetrachloroethene	11.198	164	258542	4.467	ppbv	97

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

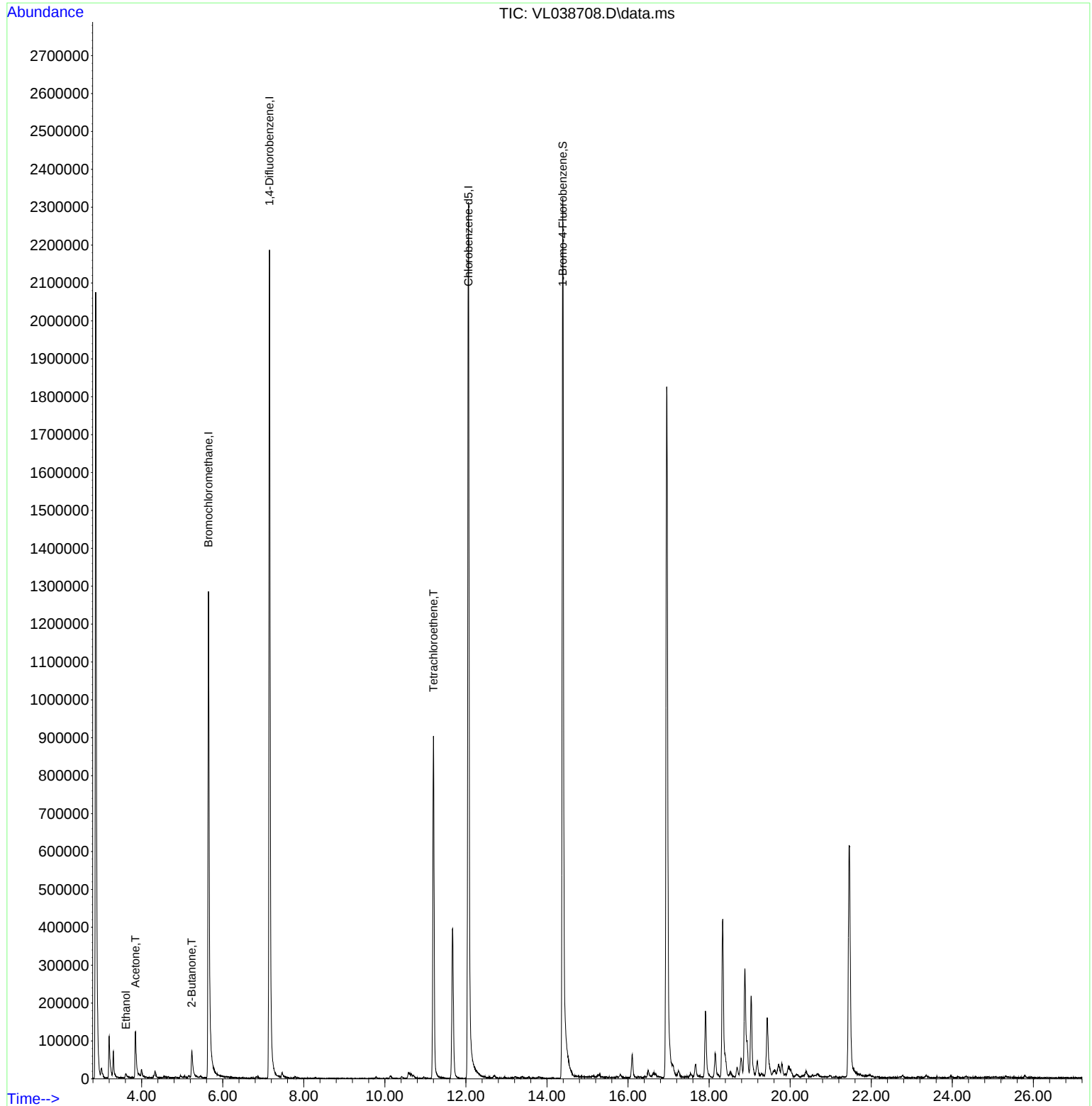
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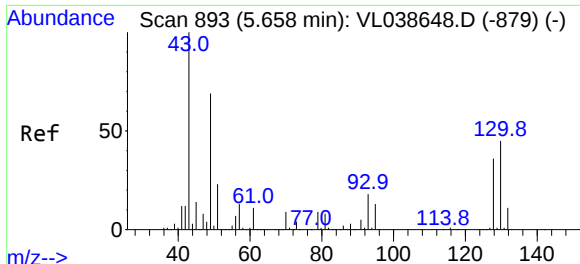
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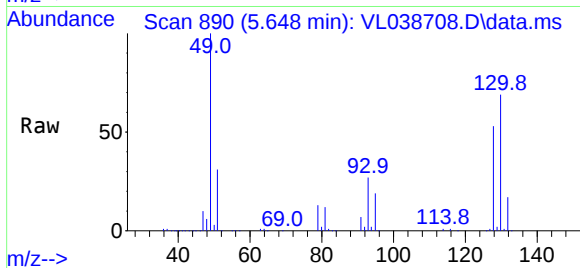
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.648 min Scan# 893
Delta R.T. -0.010 min
Lab File: VL038708.D
Acq: 23 Mar 2022 6:57

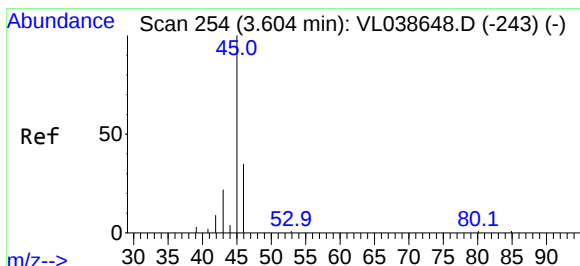
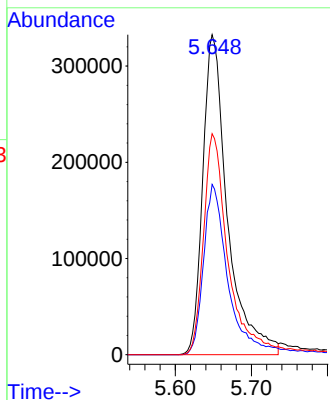
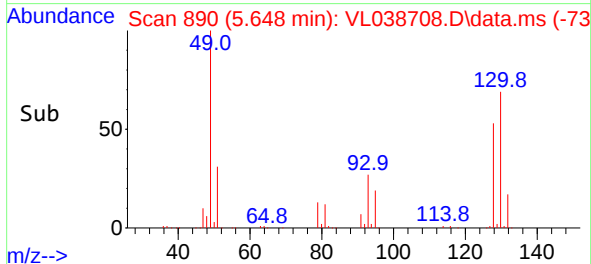
Instrument :
MSVOA_L
ClientSampleId :
COP94DL



Tgt Ion: 49 Resp: 750350
Ion Ratio Lower Upper
49 100
128 55.0 26.2 78.6
130 71.3 33.7 101.1

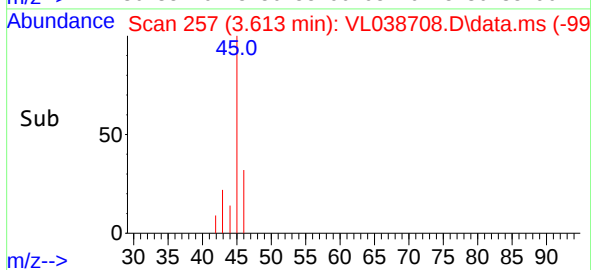
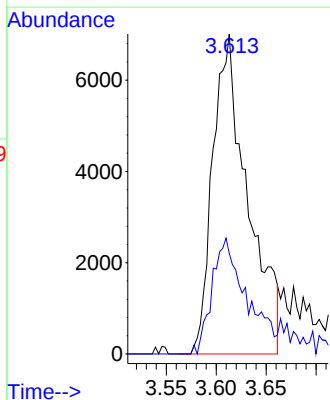
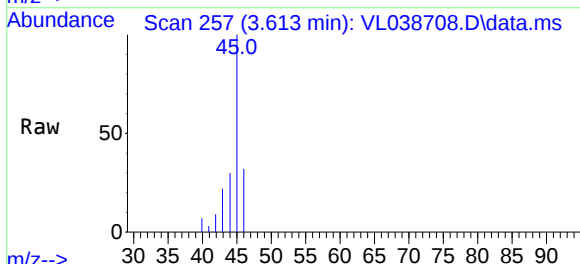
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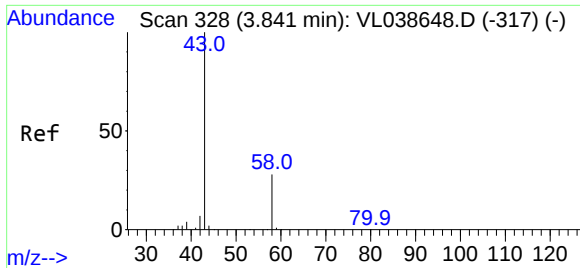
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022



#13
Ethanol
Concen: 4.043 ppbv m
RT: 3.613 min Scan# 257
Delta R.T. 0.010 min
Lab File: VL038708.D
Acq: 23 Mar 2022 6:57

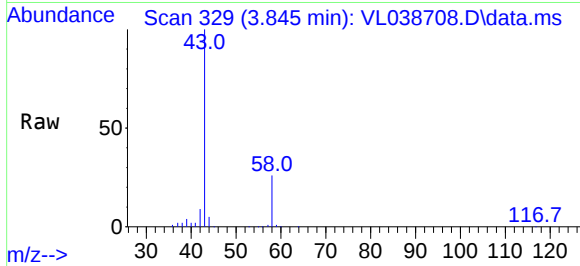
Tgt Ion: 45 Resp: 17062
Ion Ratio Lower Upper
45 100
46 37.5 15.1 60.5





#15
Acetone
Concen: 2.703 ppbv
RT: 3.845 min Scan# 317
Delta R.T. 0.003 min
Lab File: VL038708.D
Acq: 23 Mar 2022 6:57

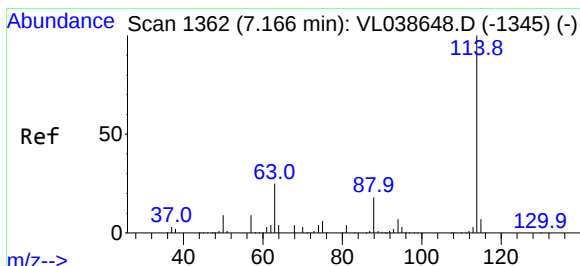
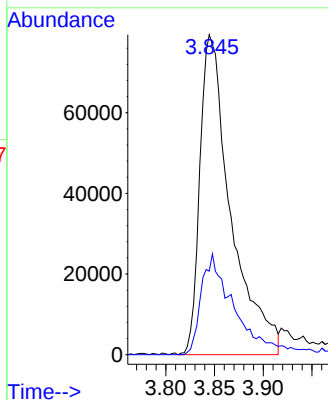
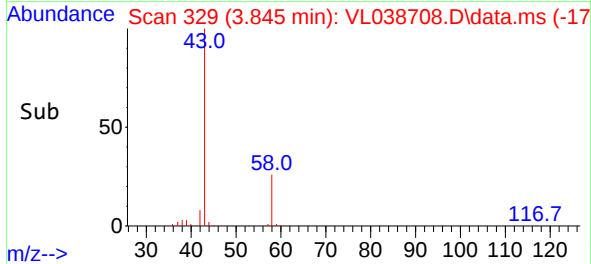
Instrument :
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ClientSampleId :
COP94DL



Tgt Ion: 43 Resp: 175036
Ion Ratio Lower Upper
43 100
58 36.2 23.3 34.9

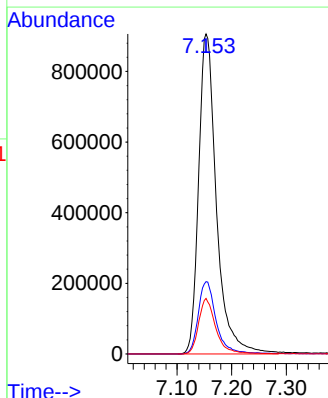
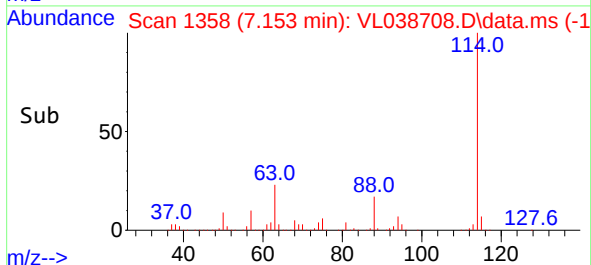
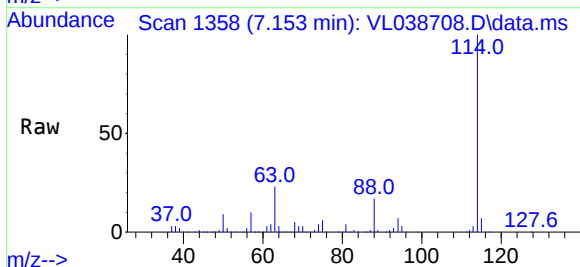
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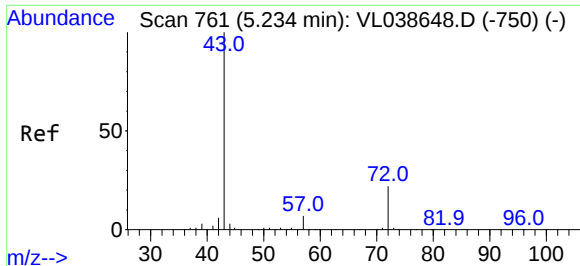
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.153 min Scan# 1358
Delta R.T. -0.013 min
Lab File: VL038708.D
Acq: 23 Mar 2022 6:57

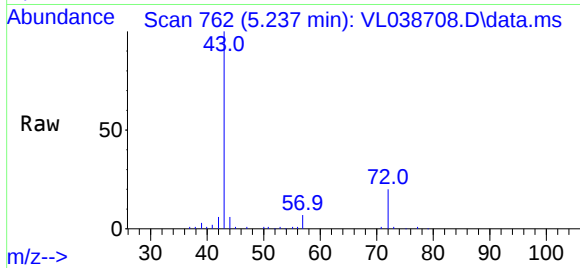
Tgt Ion:114 Resp: 2049356
Ion Ratio Lower Upper
114 100
63 23.0 19.4 29.0
88 16.9 13.9 20.9





#34
2-Butanone
Concen: 1.483 ppbv
RT: 5.237 min Scan# 70
Delta R.T. 0.003 min
Lab File: VL038708.D
Acq: 23 Mar 2022 6:57

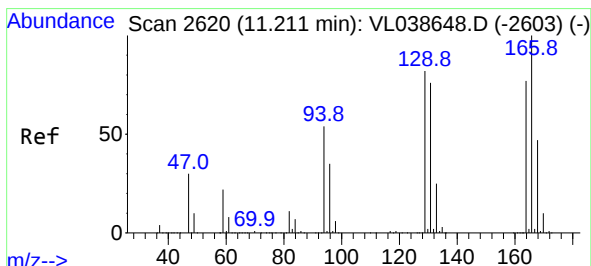
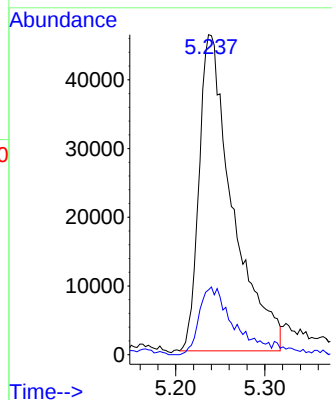
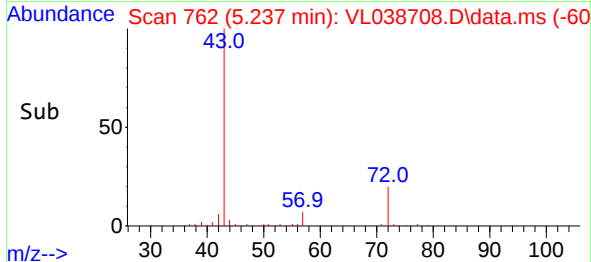
Instrument :
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ClientSampleId :
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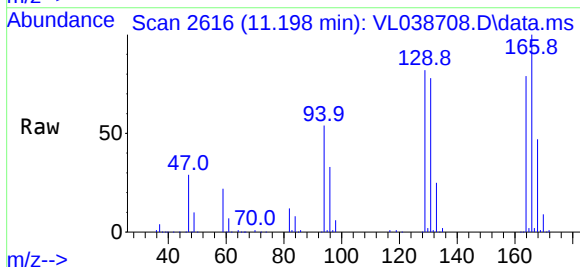
Tgt Ion: 43 Resp: 120310
Ion Ratio Lower Upper
43 100
72 24.3 17.8 26.8

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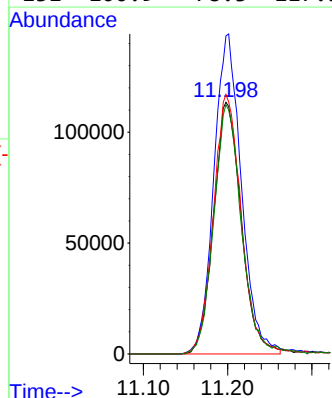
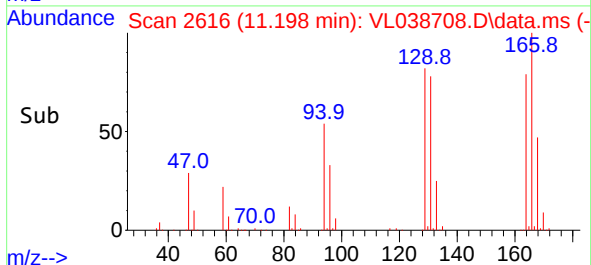
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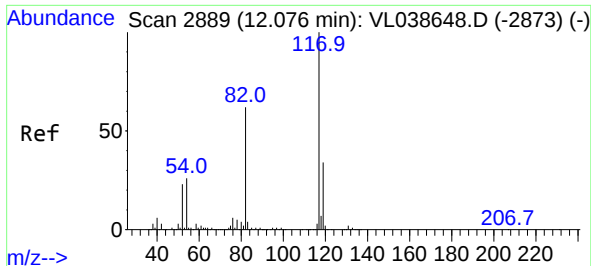


#52
Tetrachloroethene
Concen: 4.467 ppbv
RT: 11.198 min Scan# 2616
Delta R.T. -0.013 min
Lab File: VL038708.D
Acq: 23 Mar 2022 6:57



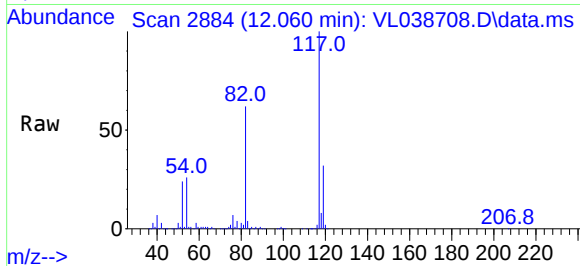
Tgt Ion:164 Resp: 258542
Ion Ratio Lower Upper
164 100
166 126.4 103.3 154.9
129 103.1 85.2 127.8
131 100.9 78.3 117.5





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.060 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL038708.D
Acq: 23 Mar 2022 6:57

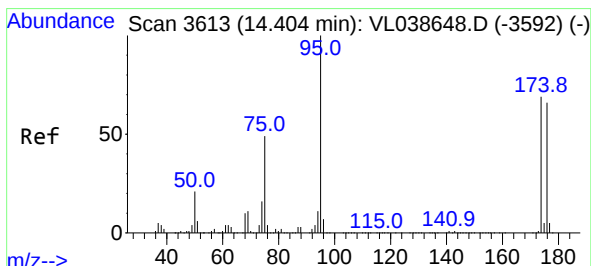
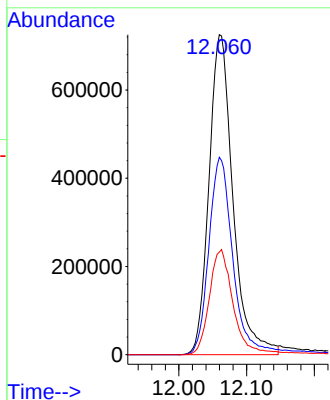
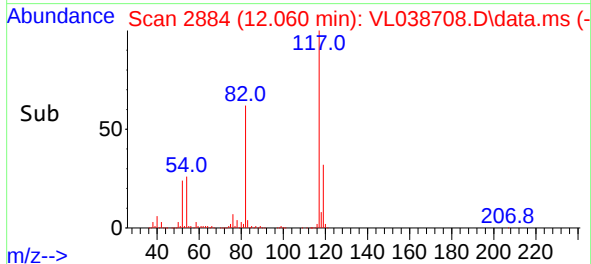
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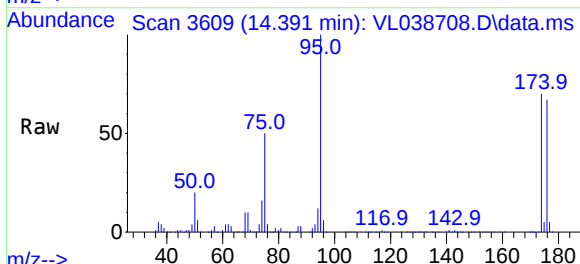
Tgt Ion: 117 Resp: 178251
Ion Ratio Lower Upper
117 100
82 63.6 51.6 77.4
119 33.5 26.9 40.3

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Supervised By :Mahesh Dadoda 03/25/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 9.560 ppbv
RT: 14.391 min Scan# 3609
Delta R.T. -0.013 min
Lab File: VL038708.D
Acq: 23 Mar 2022 6:57



Tgt Ion: 95 Resp: 1306542
Ion Ratio Lower Upper
95 100
174 74.0 56.1 84.1
175 5.1 4.2 6.2

