

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032222\
 Data File : VL038704.D
 Acq On : 23 Mar 2022 4:20
 Operator : SY/AP
 Sample : N2046-02DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P90DL

Manual Integrations
 APPROVED

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

Quant Time: Mar 23 07:08:38 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	5.649	49	764923	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.153	114	2167175	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.060	117	1912201	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.388	95	1372479	9.362	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.600%
Target Compounds						
					Qvalue	
13) Ethanol	3.604	45	15303m	3.557	ppbv	
15) Acetone	3.851	43	127333	1.929	ppbv #	85
34) 2-Butanone	5.243	43	141760	1.653	ppbv	94
52) Tetrachloroethene	11.201	164	86589	1.415	ppbv	93

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

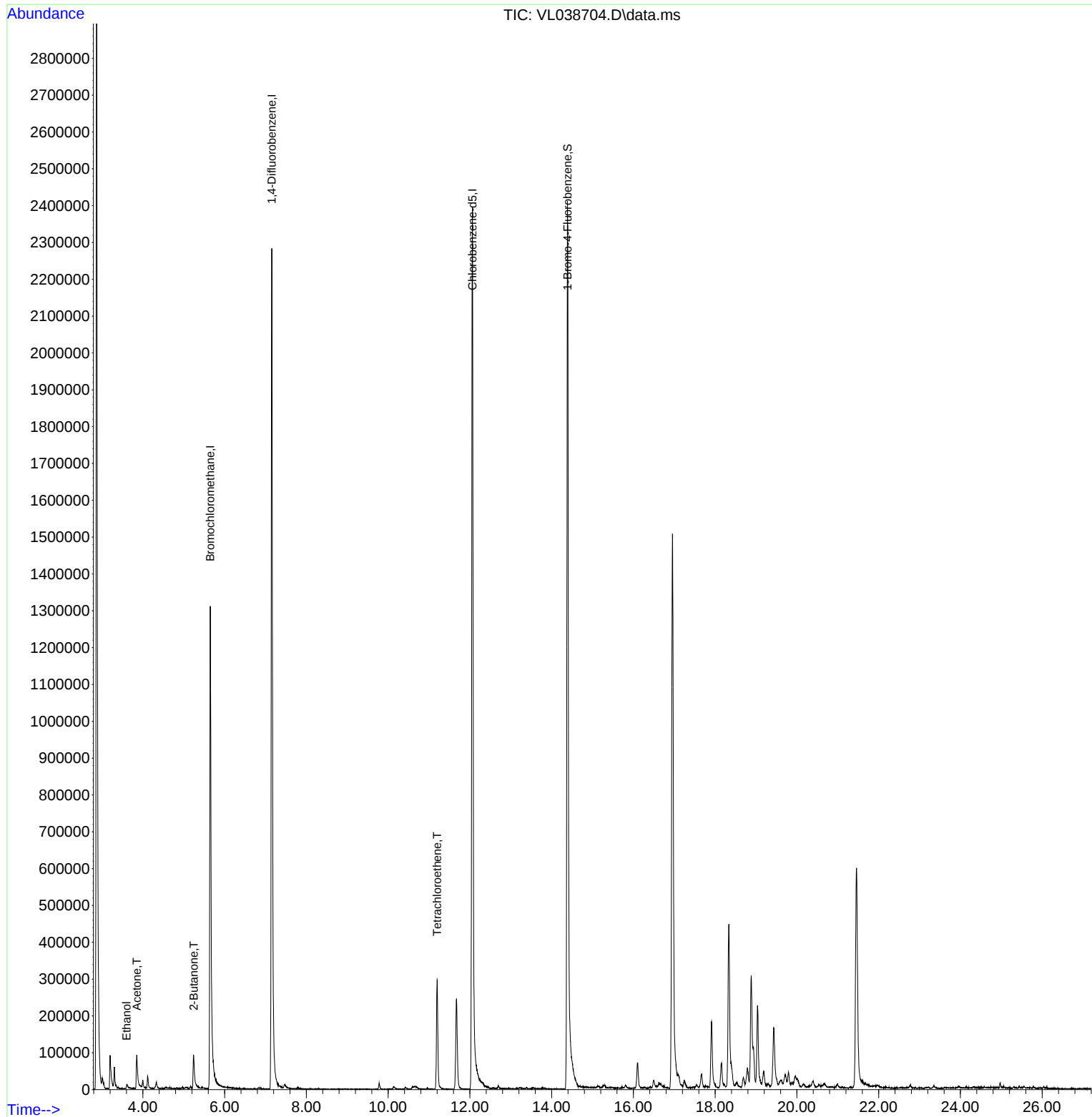
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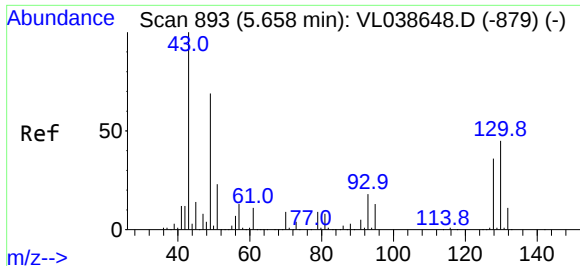
Instrument :
MSVOA_L
ClientSampleId :
C0P90DL

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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

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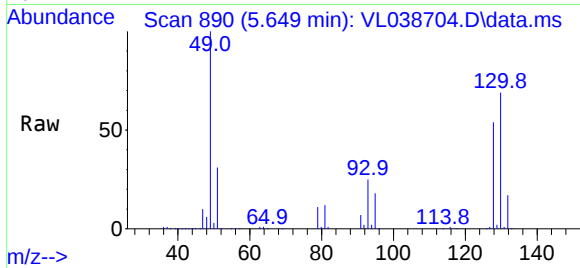
Reviewed By : Semsettin Yesilyurt 03/23/2022
Supervised By : Mahesh Dadoda 03/25/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.649 min Scan# 893
Delta R.T. -0.010 min
Lab File: VL038704.D
Acq: 23 Mar 2022 4:20

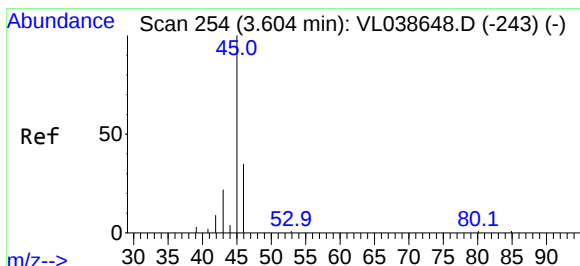
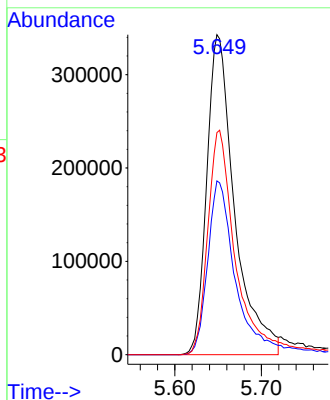
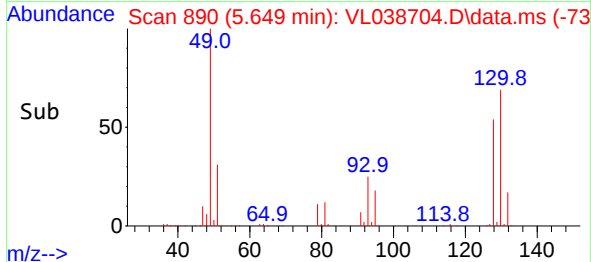
Instrument :
MSVOA_L
ClientSampleId :
COP90DL



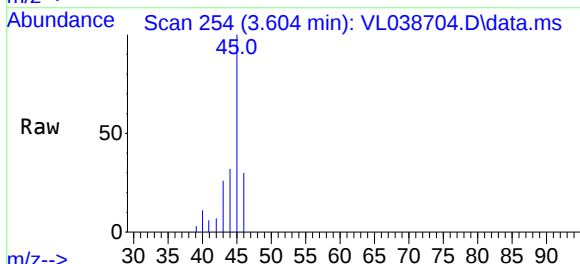
Tgt Ion: 49 Resp: 764923
Ion Ratio Lower Upper
49 100
128 57.5 26.2 78.6
130 73.9 33.7 101.1

Manual Integrations
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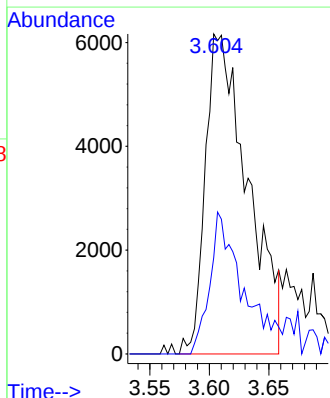
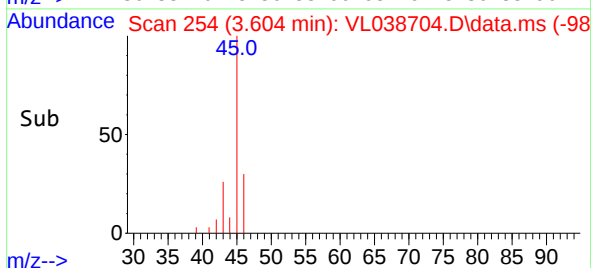
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Supervised By :Mahesh Dadoda 03/25/2022

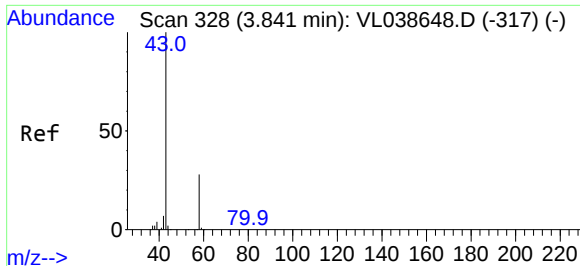


#13
Ethanol
Concen: 3.557 ppbv m
RT: 3.604 min Scan# 254
Delta R.T. 0.000 min
Lab File: VL038704.D
Acq: 23 Mar 2022 4:20



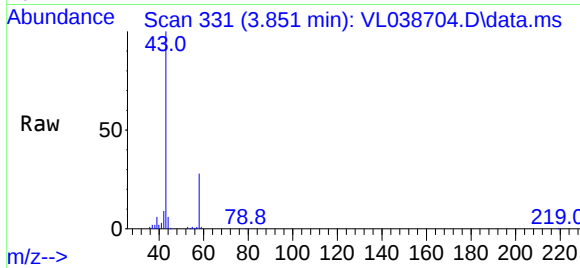
Tgt Ion: 45 Resp: 15303
Ion Ratio Lower Upper
45 100
46 38.3 15.1 60.5





#15
Acetone
Concen: 1.929 ppbv
RT: 3.851 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL038704.D
Acq: 23 Mar 2022 4:20

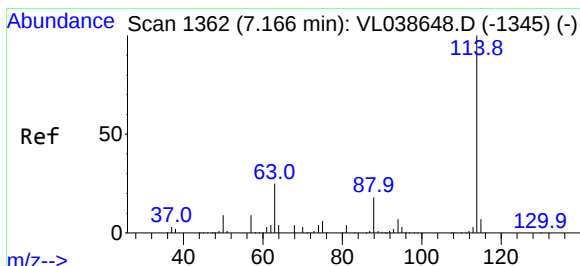
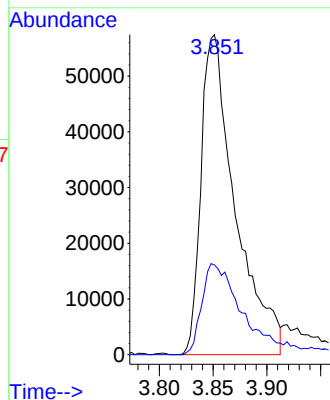
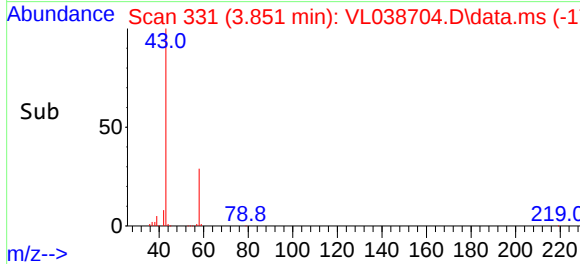
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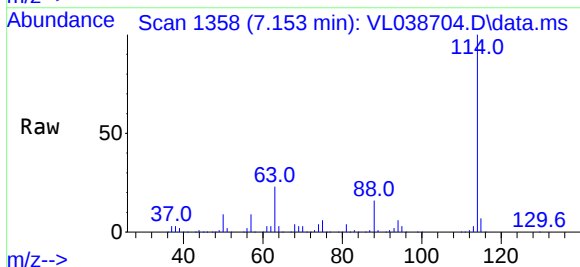
Tgt Ion: 43 Resp: 12733
Ion Ratio Lower Upper
43 100
58 37.0 23.3 34.9

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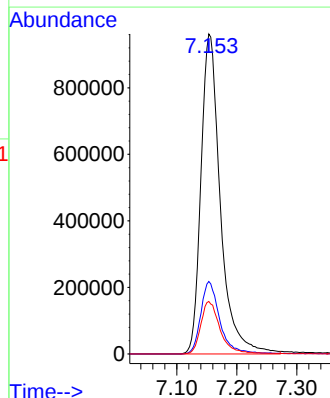
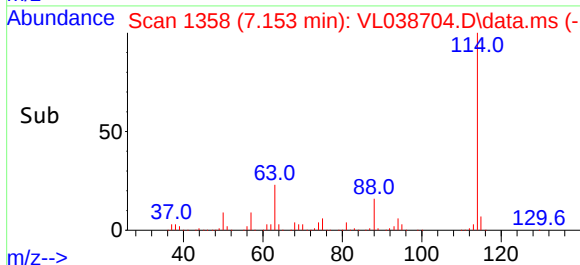
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022

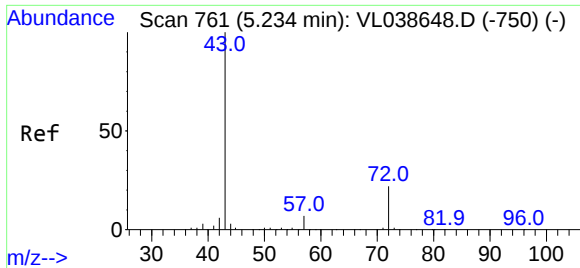


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.153 min Scan# 1358
Delta R.T. -0.013 min
Lab File: VL038704.D
Acq: 23 Mar 2022 4:20



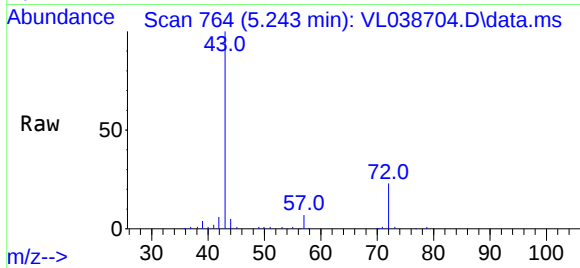
Tgt Ion:114 Resp: 2167175
Ion Ratio Lower Upper
114 100
63 22.4 19.4 29.0
88 16.6 13.9 20.9





#34
2-Butanone
Concen: 1.653 ppbv
RT: 5.243 min Scan# 71
Delta R.T. 0.010 min
Lab File: VL038704.D
Acq: 23 Mar 2022 4:20

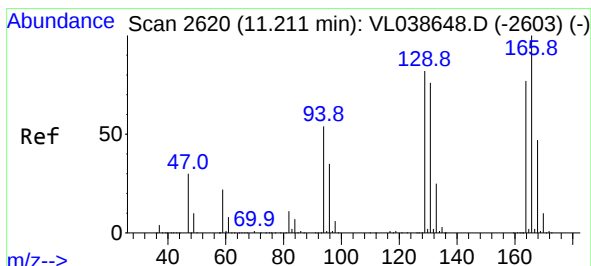
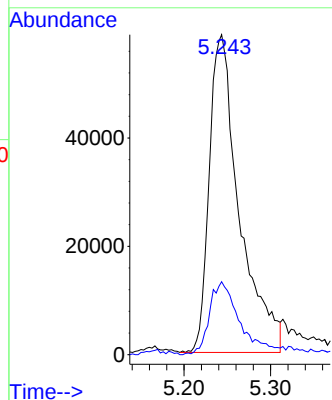
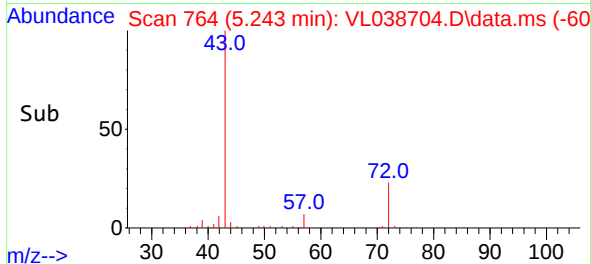
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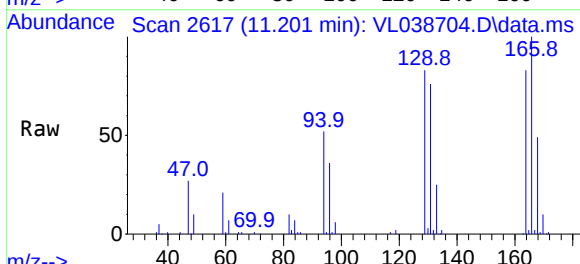
Tgt Ion: 43 Resp: 141760
Ion Ratio Lower Upper
43 100
72 24.9 17.8 26.8

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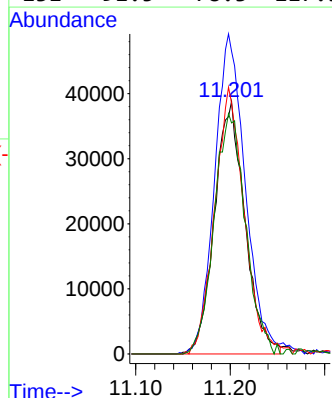
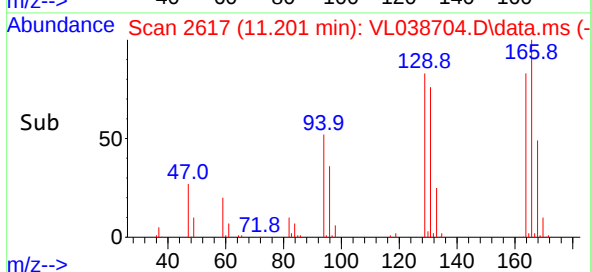
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Supervised By :Mahesh Dadoda 03/25/2022

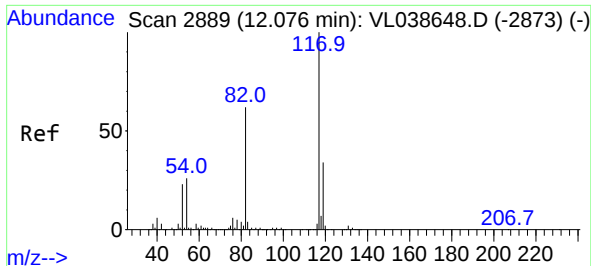


#52
Tetrachloroethene
Concen: 1.415 ppbv
RT: 11.201 min Scan# 2617
Delta R.T. -0.010 min
Lab File: VL038704.D
Acq: 23 Mar 2022 4:20



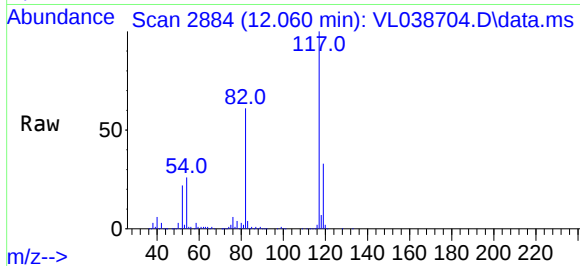
Tgt Ion:164 Resp: 86589
Ion Ratio Lower Upper
164 100
166 119.3 103.3 154.9
129 99.3 85.2 127.8
131 91.5 78.3 117.5





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.060 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL038704.D
Acq: 23 Mar 2022 4:20

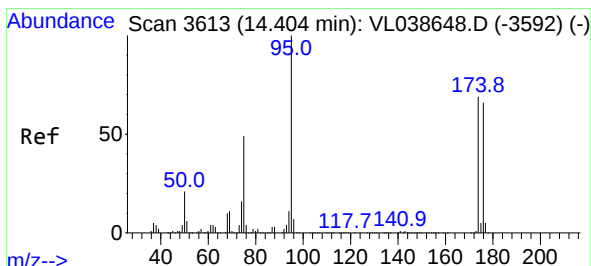
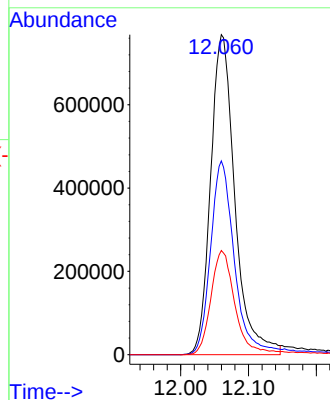
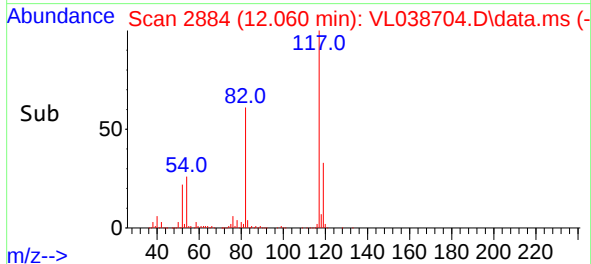
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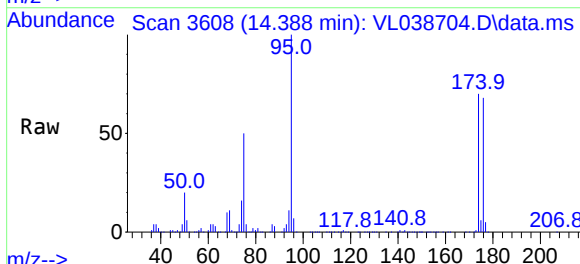
Tgt Ion: 117 Resp: 191220
Ion Ratio Lower Upper
117 100
82 61.9 51.6 77.4
119 33.4 26.9 40.3

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.362 ppbv
RT: 14.388 min Scan# 3608
Delta R.T. -0.016 min
Lab File: VL038704.D
Acq: 23 Mar 2022 4:20



Tgt Ion: 95 Resp: 1372479
Ion Ratio Lower Upper
95 100
174 76.4 56.1 84.1
175 5.8 4.2 6.2

