

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031722\
 Data File : VL038632.D
 Acq On : 17 Mar 2022 18:51
 Operator : SY/AP
 Sample : N1965-12DL 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0PA9DL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/19/2022
 Supervised By : Mahesh Dadoda 03/21/2022

Quant Time: Mar 18 03:36:40 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Mar 0
 QLast Update : Tue Mar 08 21:18:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.674	49	827018	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	7.179	114	2078520	10.000	ppbv	0.02
55) Chlorobenzene-d5	12.089	117	1795921	10.000	ppbv	# 0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.417	95	1256896	9.205	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.100%
Target Compounds						
					Qvalue	
9) Propene	3.031	41	6843	0.133	ppbv	85
13) Ethanol	3.632	45	7710m	1.304	ppbv	
15) Acetone	3.877	43	62182	1.066	ppbv	# 87
20) Methylene Chloride	4.349	84	11927m	0.340	ppbv	
52) Tetrachloroethene	11.224	164	186462	2.712	ppbv	97

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

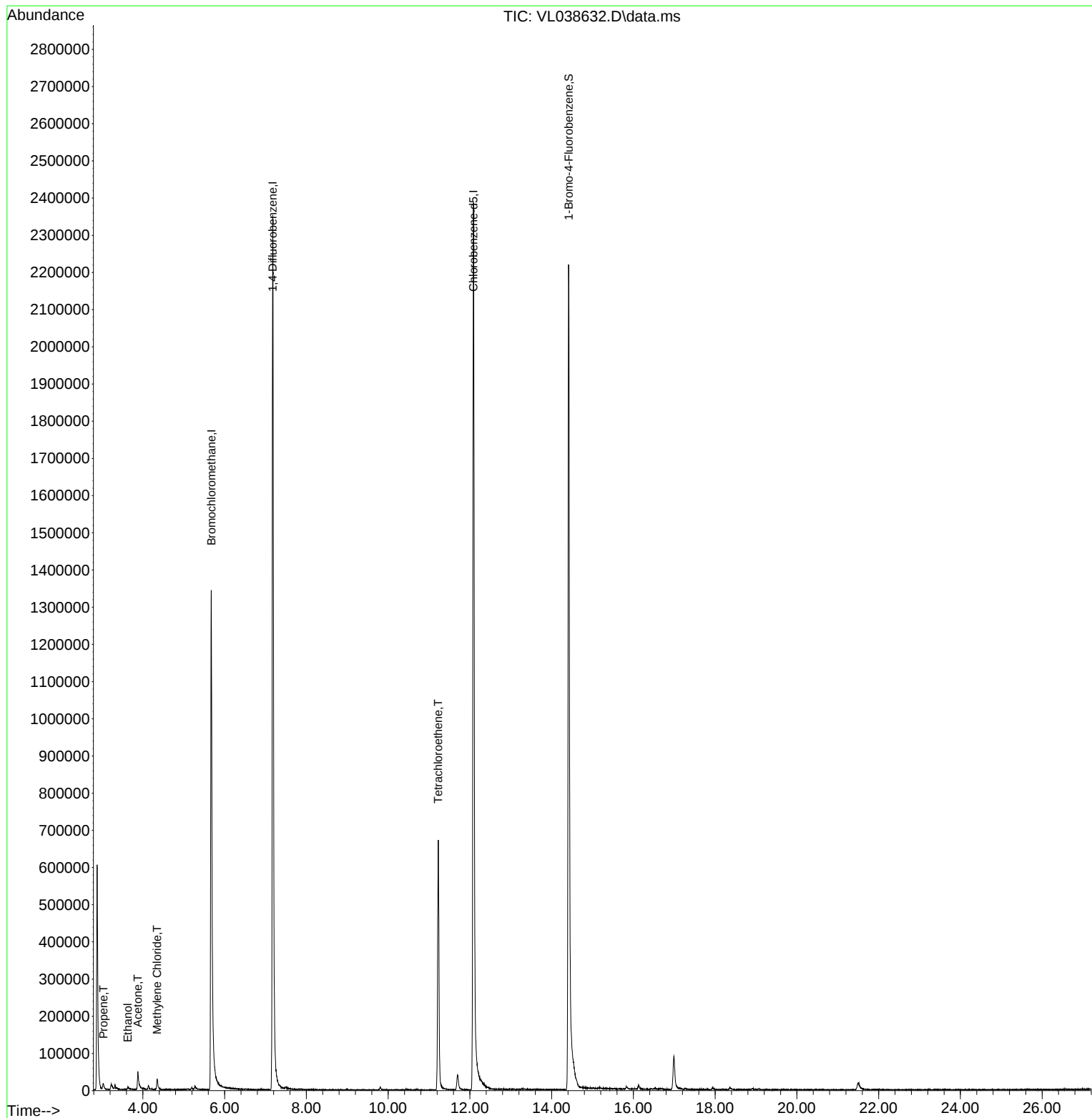
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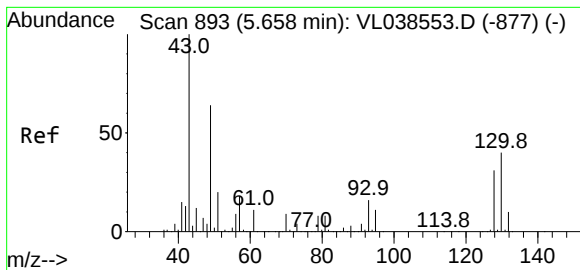
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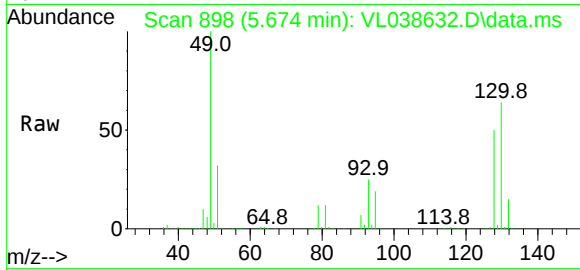
Quant Time: Mar 18 03:36:40 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar
QLast Update : Tue Mar 08 21:18:44 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.674 min Scan# 89
Delta R.T. 0.016 min
Lab File: VL038632.D
Acq: 17 Mar 2022 18:51

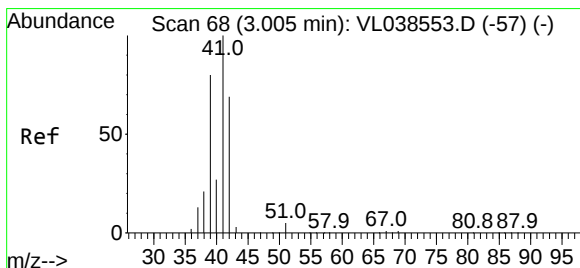
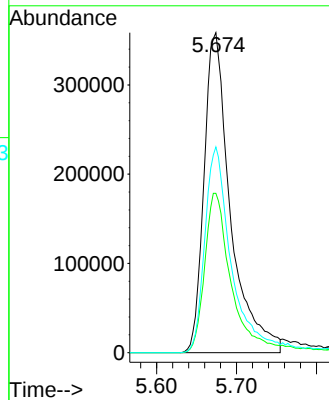
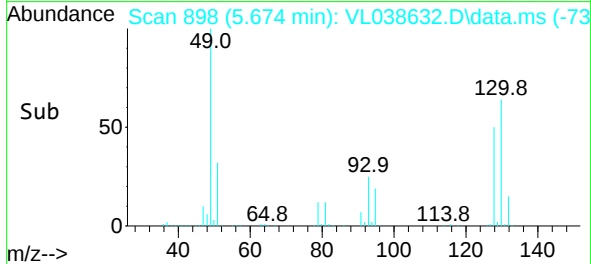
Instrument :
MSVOA_L
ClientSampleId :
COPA9DL



Tgt Ion: 49 Resp: 827018
Ion Ratio Lower Upper
49 100
128 53.2 26.4 79.2
130 68.1 33.0 98.9

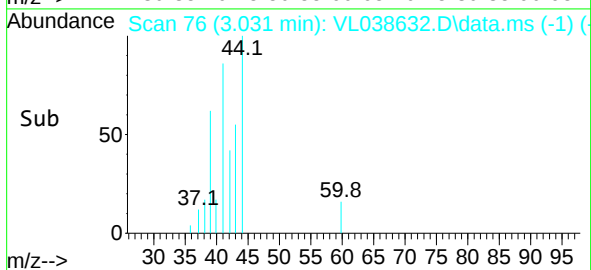
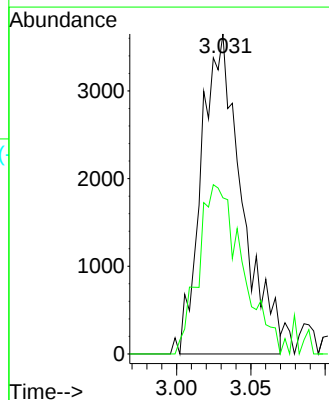
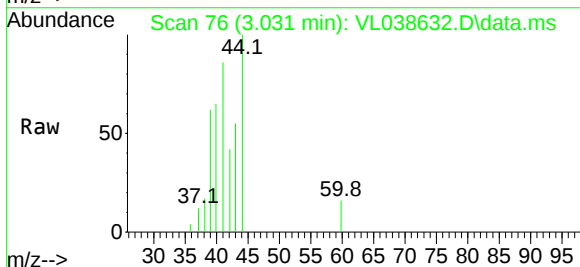
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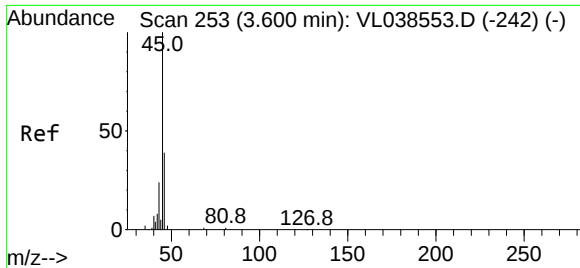
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#9
Propene
Concen: 0.133 ppbv
RT: 3.031 min Scan# 76
Delta R.T. 0.026 min
Lab File: VL038632.D
Acq: 17 Mar 2022 18:51

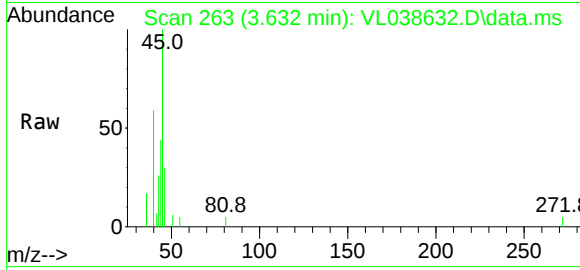
Tgt Ion: 41 Resp: 6843
Ion Ratio Lower Upper
41 100
42 57.6 55.7 83.5





#13
Ethanol
Concen: 1.304 ppbv
RT: 3.632 min Scan# 20
Delta R.T. 0.032 min
Lab File: VL038632.D
Acq: 17 Mar 2022 18:51

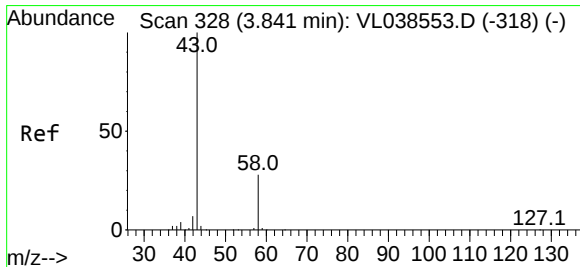
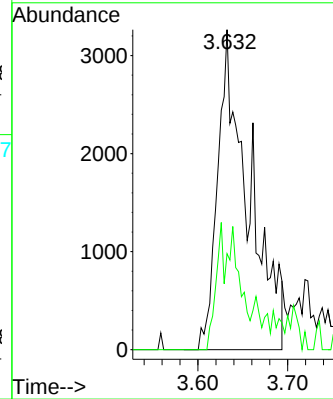
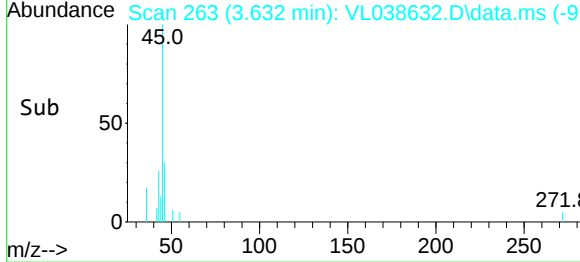
Instrument :
MSVOA_L
ClientSampleId :
COPA9DL



Tgt Ion: 45 Resp: 7710
Ion Ratio Lower Upper
45 100
46 40.7 16.8 67.0

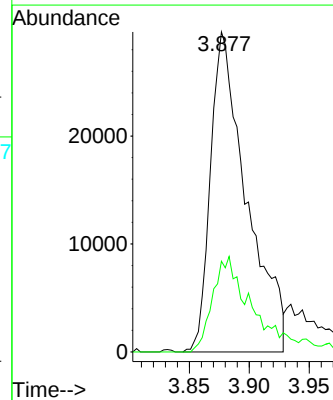
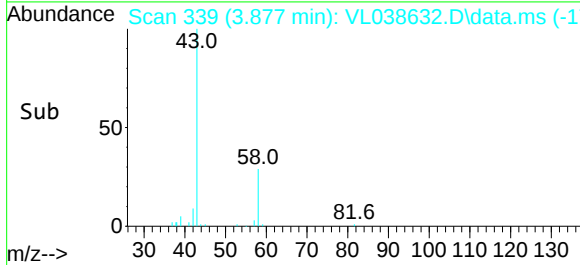
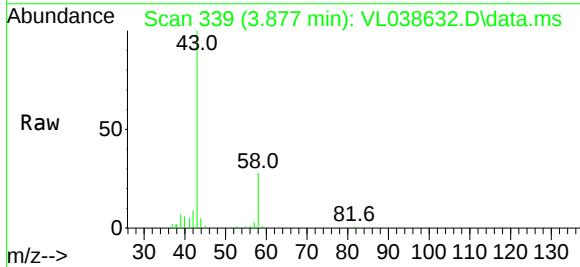
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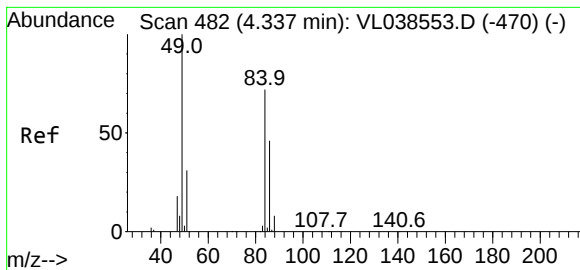
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Supervised By :Mahesh Dadoda 03/21/2022



#15
Acetone
Concen: 1.066 ppbv
RT: 3.877 min Scan# 339
Delta R.T. 0.035 min
Lab File: VL038632.D
Acq: 17 Mar 2022 18:51

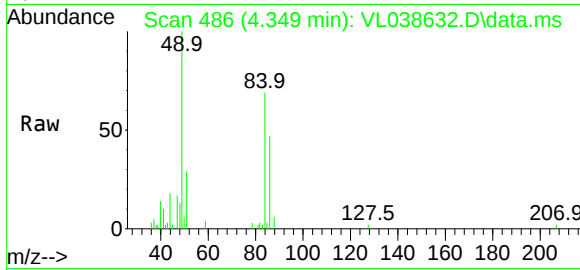
Tgt Ion: 43 Resp: 62182
Ion Ratio Lower Upper
43 100
58 35.0 22.7 34.1#





#20
Methylene Chloride
Concen: 0.340 ppbv m
RT: 4.349 min Scan# 486
Delta R.T. 0.013 min
Lab File: VL038632.D
Acq: 17 Mar 2022 18:51

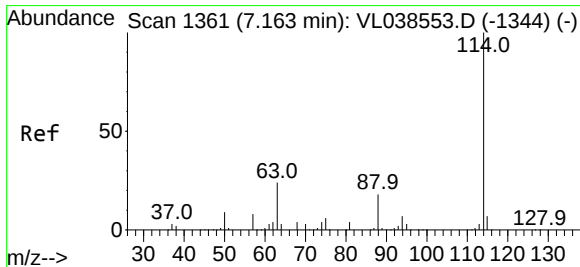
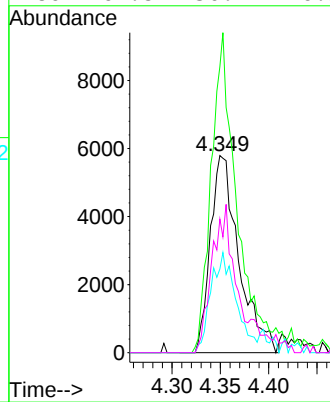
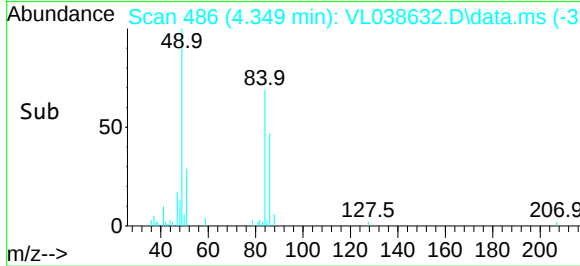
Instrument :
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ClientSampleId :
C0PA9DL



Tgt Ion: 84 Resp: 1192
Ion Ratio Lower Upper
84 100
49 145.2 111.1 166.7
51 42.5 34.0 51.0
86 67.8 50.9 76.3

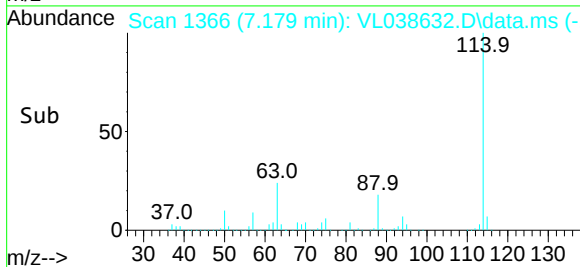
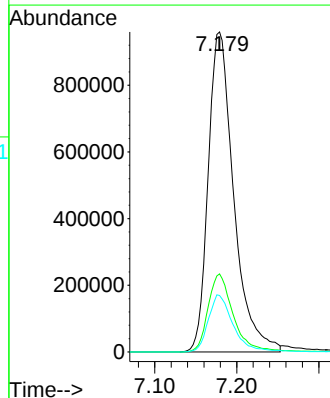
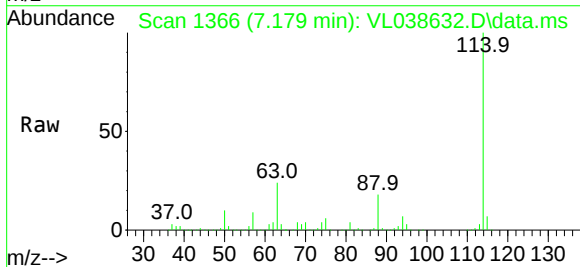
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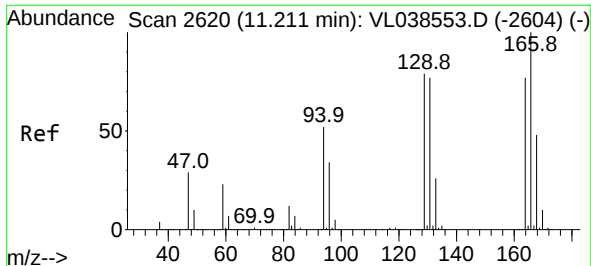
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Supervised By :Mahesh Dadoda 03/21/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.179 min Scan# 1366
Delta R.T. 0.016 min
Lab File: VL038632.D
Acq: 17 Mar 2022 18:51

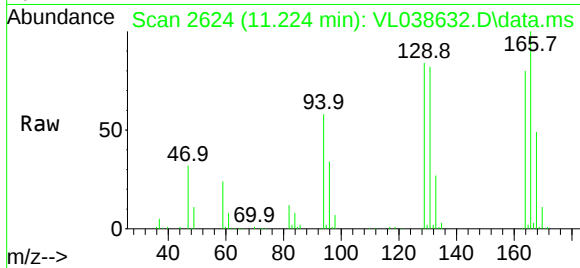
Tgt Ion:114 Resp: 2078520
Ion Ratio Lower Upper
114 100
63 24.5 19.6 29.4
88 17.6 13.9 20.9





#52
Tetrachloroethene
Concen: 2.712 ppbv
RT: 11.224 min Scan# 2624
Delta R.T. 0.013 min
Lab File: VL038632.D
Acq: 17 Mar 2022 18:51

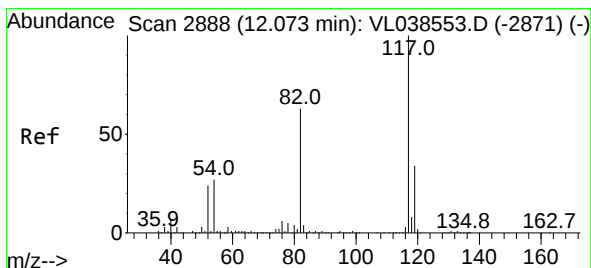
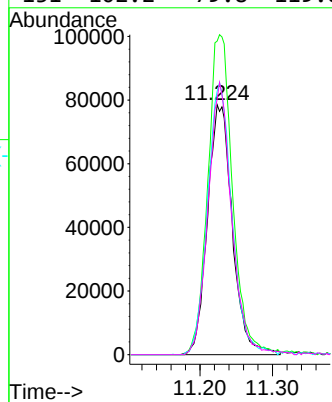
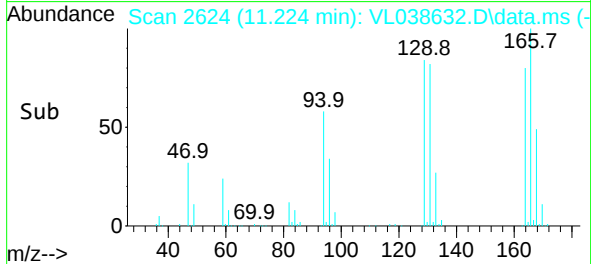
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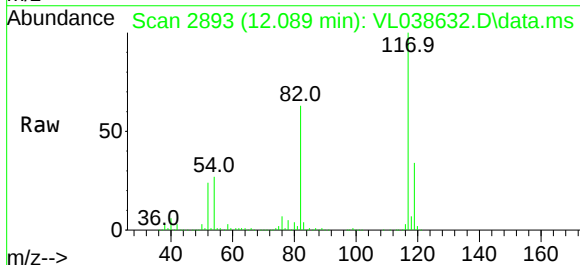
Tgt Ion:164 Resp: 186462
Ion Ratio Lower Upper
164 100
166 125.4 103.4 155.2
129 105.4 81.3 121.9
131 102.2 79.8 119.8

Manual Integrations
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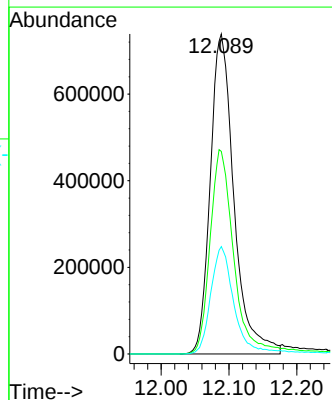
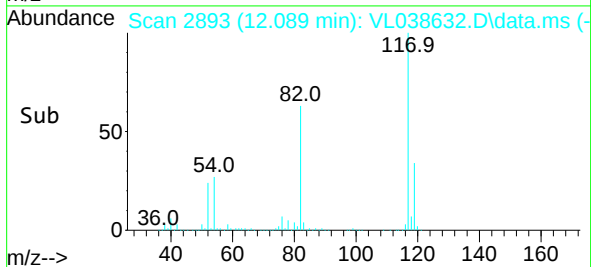
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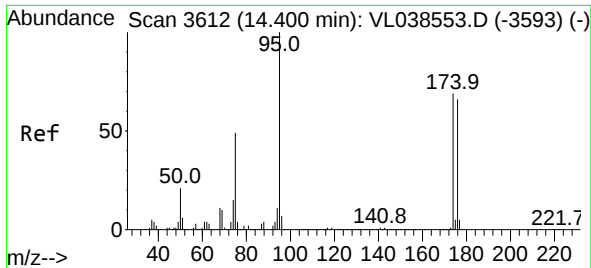


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.089 min Scan# 2893
Delta R.T. 0.016 min
Lab File: VL038632.D
Acq: 17 Mar 2022 18:51



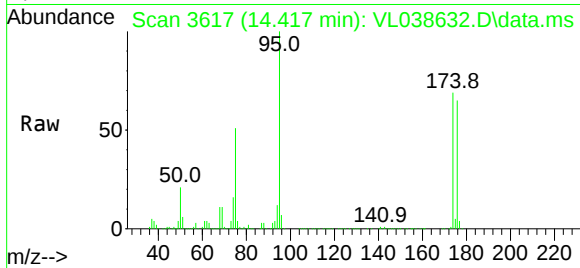
Tgt Ion:117 Resp: 1795921
Ion Ratio Lower Upper
117 100
82 65.9 52.5 78.7
119 34.2 46.4 69.6





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.205 ppbv
 RT: 14.417 min Scan# 30
 Delta R.T. 0.016 min
 Lab File: VL038632.D
 Acq: 17 Mar 2022 18:51

Instrument :
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 ClientSampleId :
 C0PA9DL



Tgt Ion: 95 Resp: 1256890

Ion	Ratio	Lower	Upper
95	100		
174	72.5	56.2	84.4
175	5.2	4.2	6.2

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