

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092821\
 Data File : VL037708.D
 Acq On : 28 Sep 2021 18:46
 Operator : SY/AP
 Sample : M3948-01DL 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/29/2021
 Supervised By : Amit Patel 10/01/2021

Quant Time: Sep 29 20:46:36 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu Sep 16 13:42:46 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1289401	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.19	114	4018528	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.10	117	3418666	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2443197	9.89	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.90%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
13) Ethanol	3.62	45	15743m	1.876	ppbv	
15) Acetone	3.86	43	2446770	18.264	ppbv	100
29) Chloroform	5.76	83	67666m	0.301	ppbv	
34) 2-Butanone	5.27	43	165551m	1.014	ppbv	
52) Tetrachloroethene	11.23	164	30407m	0.236	ppbv	

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

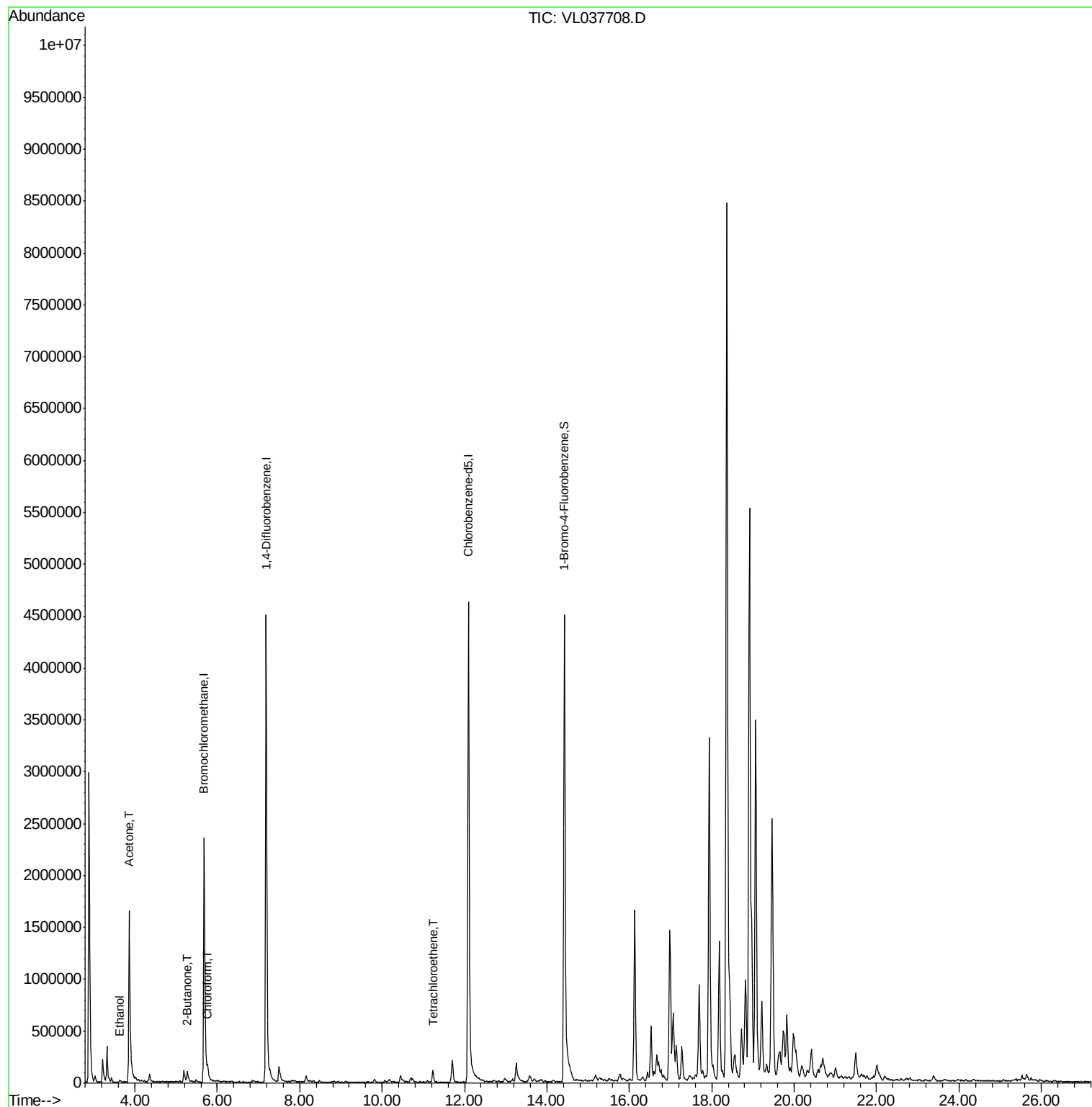
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL092821\
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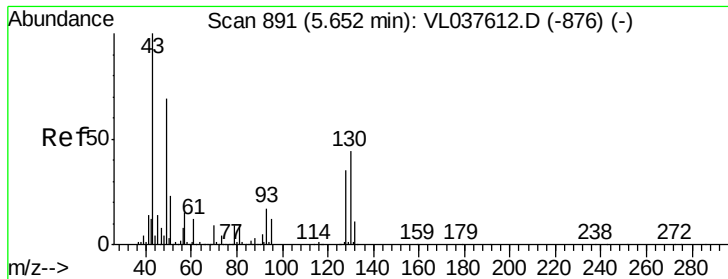
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MSVOA_L
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 28 Sep 2021 18:46 SV1DL

Tgt Ion:

Ion Ratio

49 100

128 56.

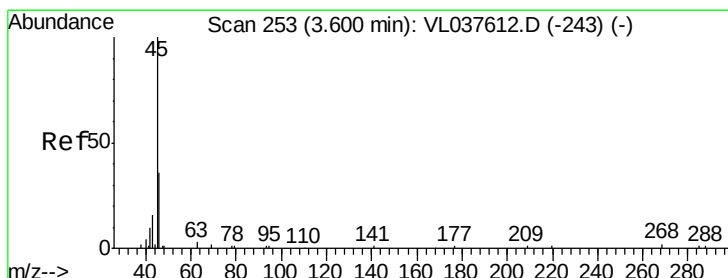
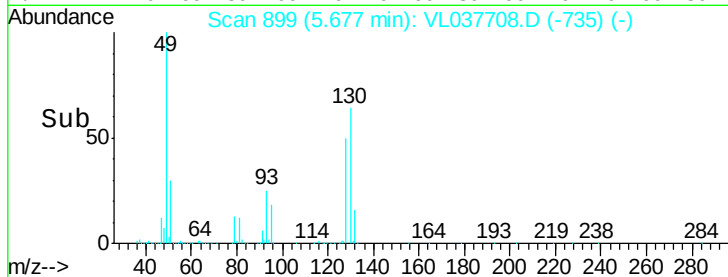
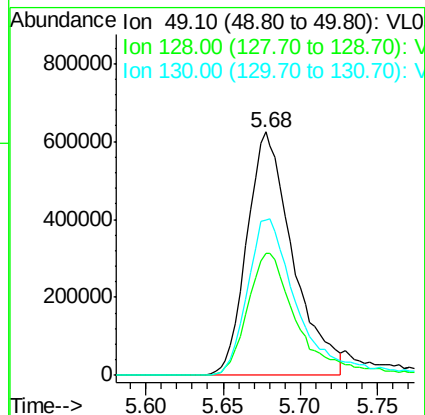
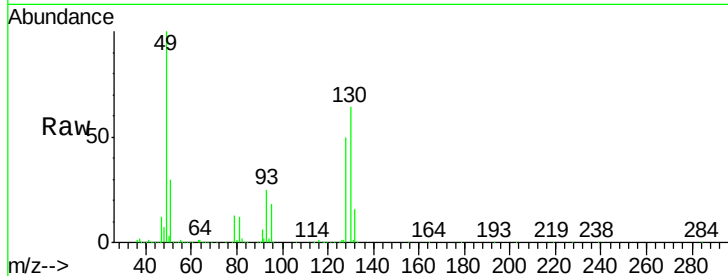
130 72.

Manual Integrations

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#13

Ethanol

Concen: 1.876 ppbv m

RT: 3.62 min Scan# 260

Delta R.T. 0.02 min

Lab File: VL037708.D

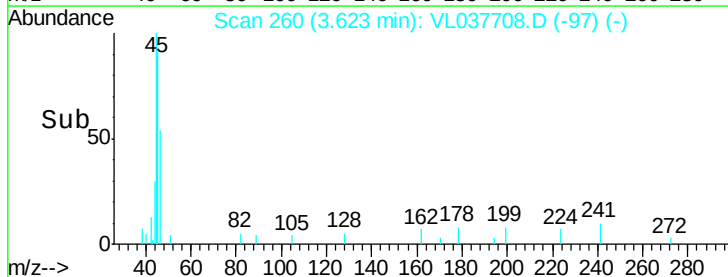
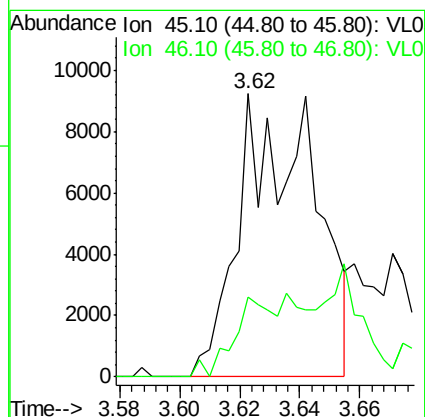
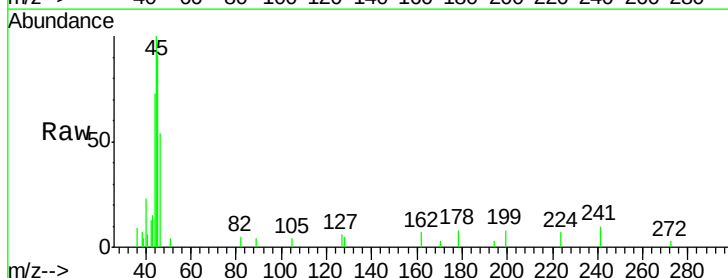
Acq: 28 Sep 2021 18:46

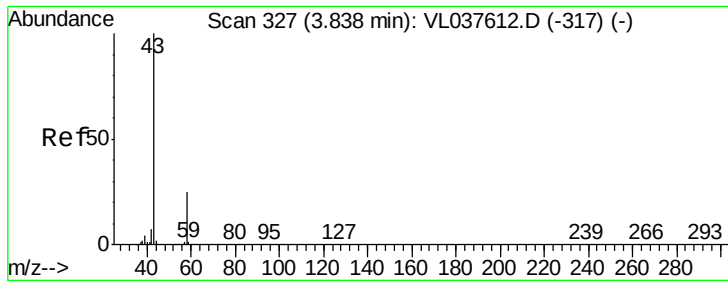
Tgt Ion: 45 Resp: 15743

Ion Ratio Lower Upper

45 100

46 0.0 17.2 68.8#



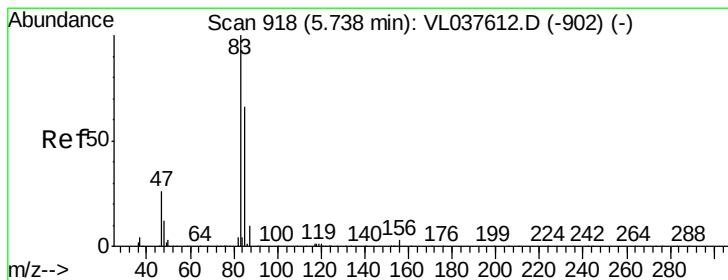
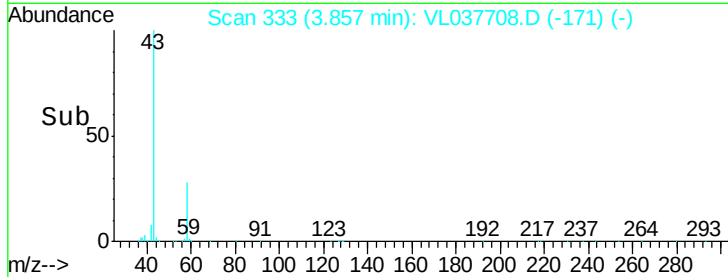
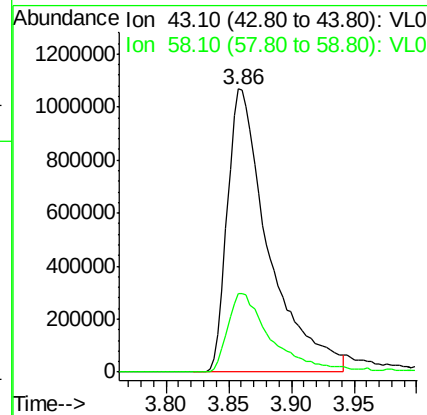
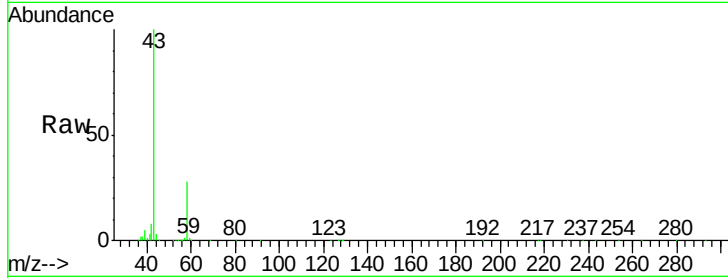


#15
Acetone
Concen: 18.264 ppbv
RT: 3.86
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 28 Sep 2021 18:48

Tgt Ion:
Ion Ratio
43 100
58 30.

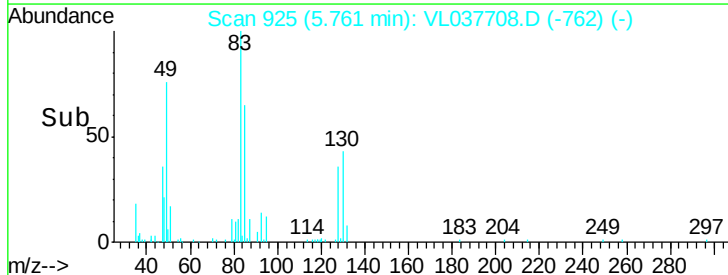
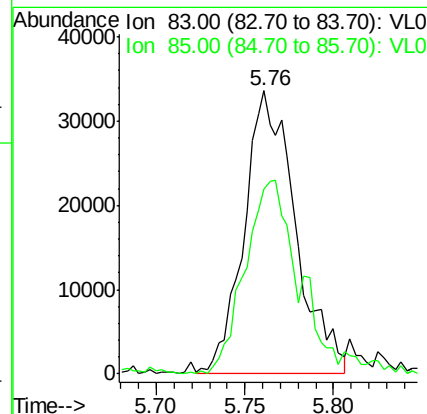
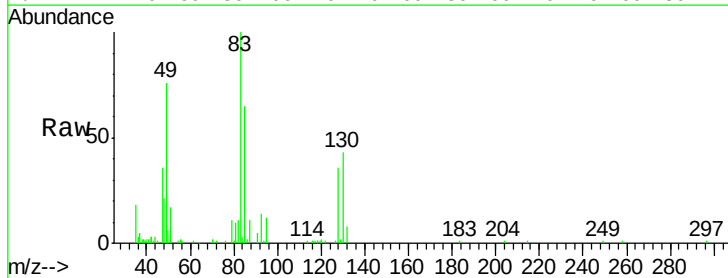
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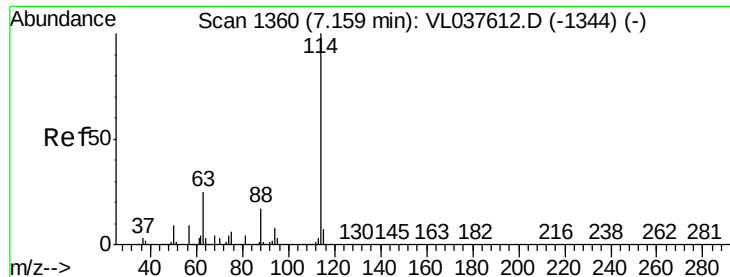
Reviewed By :Semsettin Yesilyurt 09/29/2021
Supervised By :Amit Patel 10/01/2021



#29
Chloroform
Concen: 0.301 ppbv m
RT: 5.76 min Scan# 925
Delta R.T. 0.02 min
Lab File: VL037708.D
Acq: 28 Sep 2021 18:46

Tgt Ion: 83 Resp: 67666
Ion Ratio Lower Upper
83 100
85 65.1 52.6 79.0



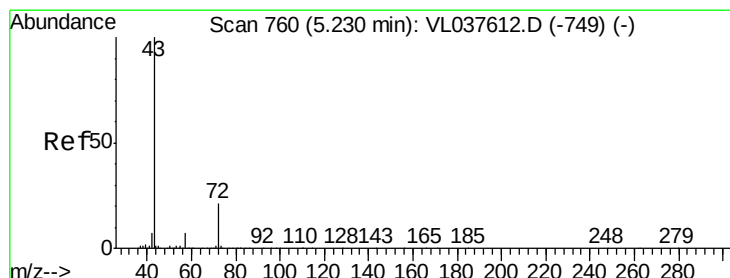
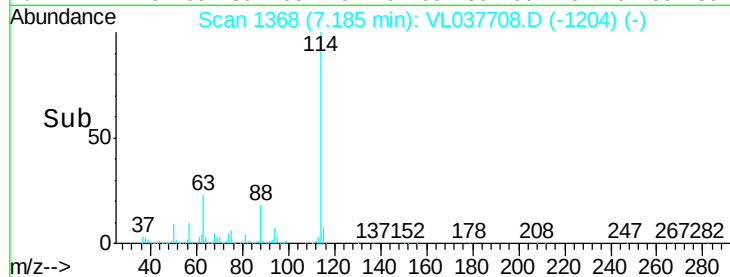
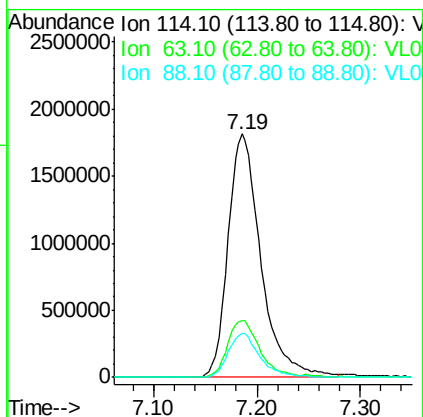
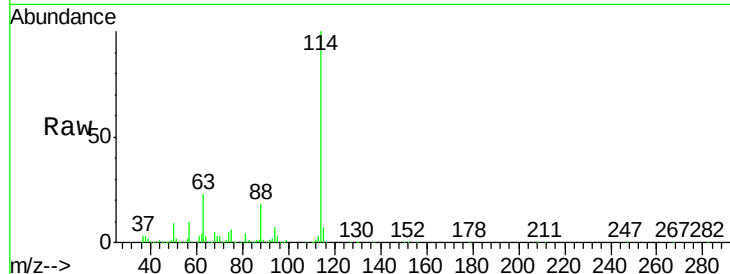


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 SV1DL
 Acq: 28 Sep 2021 18:46

Tgt Ion: 1
 Ion Ratio
 114 100
 63 23.
 88 17.

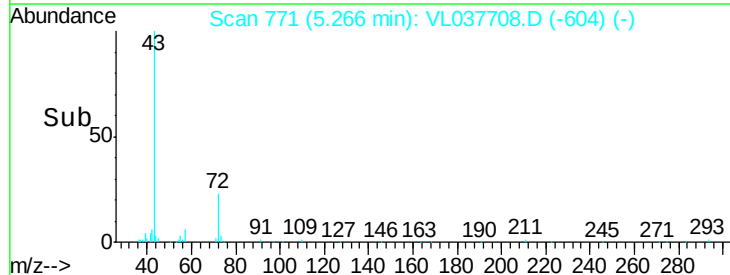
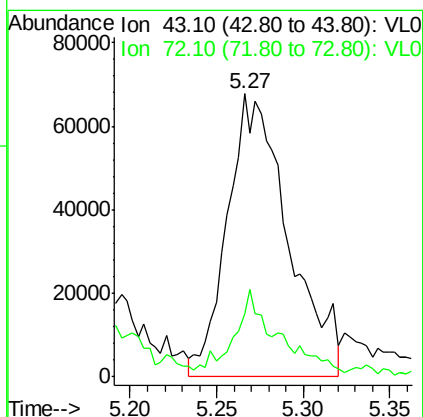
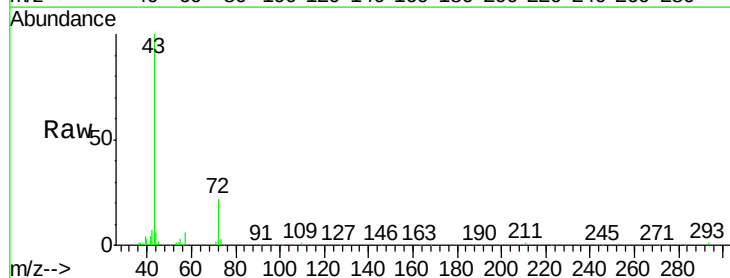
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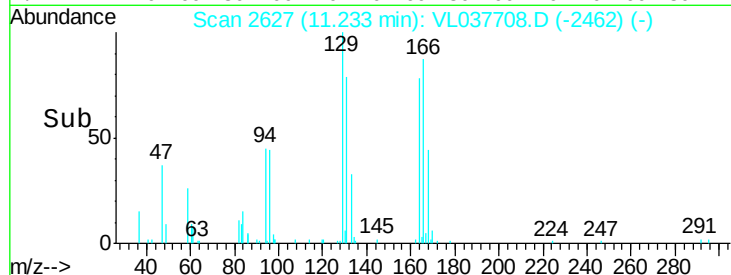
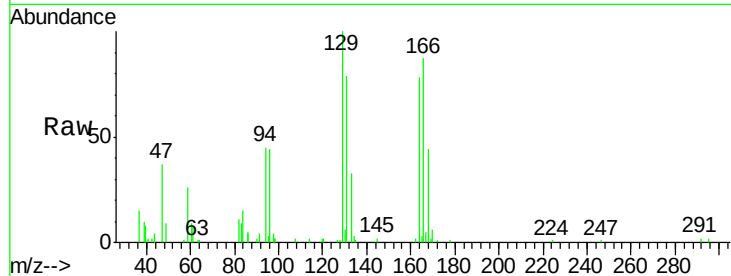
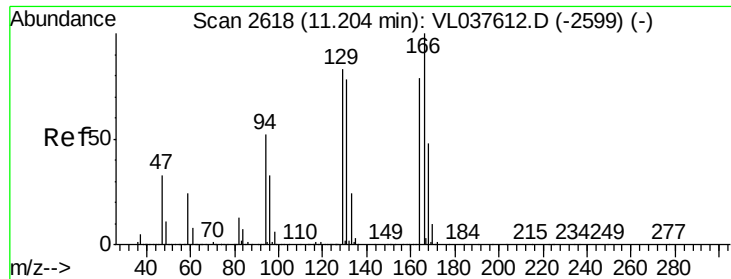
Reviewed By :Semsettin Yesilyurt 09/29/2021
 Supervised By :Amit Patel 10/01/2021



#34
 2-Butanone
 Concen: 1.014 ppbv m
 RT: 5.27 min Scan# 771
 Delta R.T. 0.04 min
 Lab File: VL037708.D
 Acq: 28 Sep 2021 18:46

Tgt Ion: 43 Resp: 165551
 Ion Ratio Lower Upper
 43 100
 72 0.0 18.4 27.6#





#52

Tetrachloroethene

Concen: 0.236 ppbv m

RT: 11.23

Delta R.T. MSVOA_L

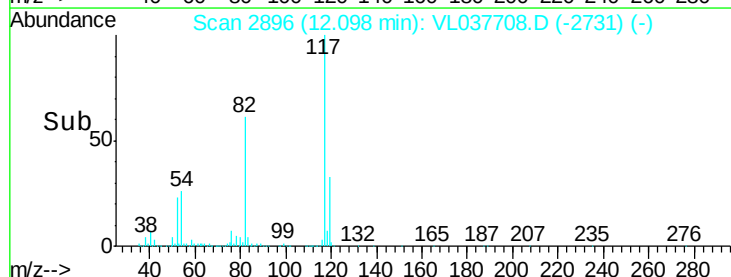
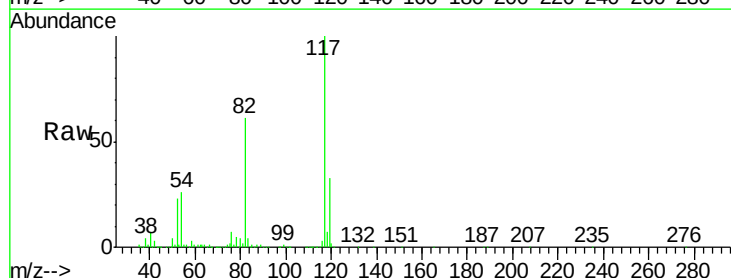
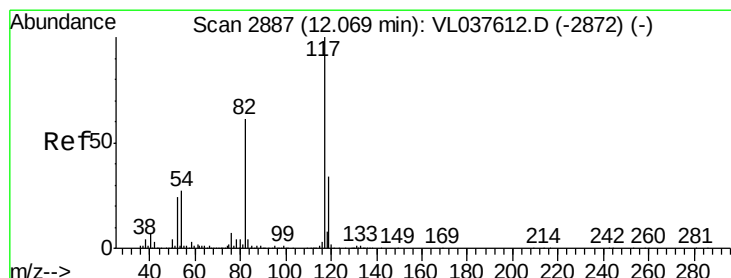
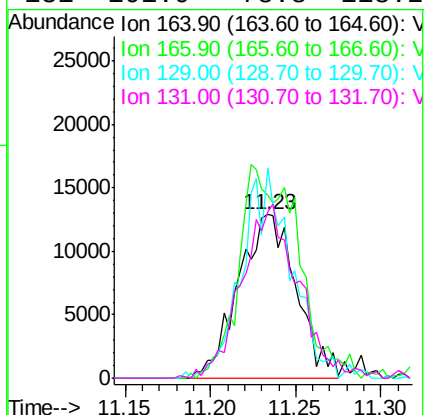
Lab File: ClientSampleId :

Acq: 28 Sep 2021 18:46

Tgt Ion:1
Ion Ratio
164 100
166 112.
129 128.
131 101.9 78.8 118.2

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

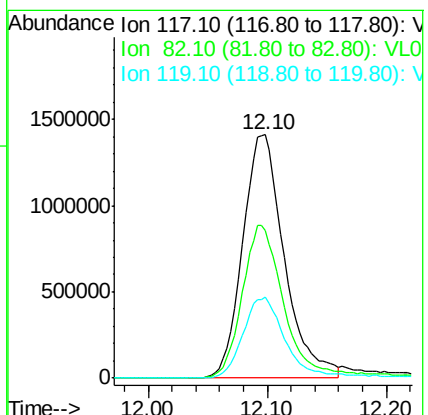
RT: 12.10 min Scan# 2896

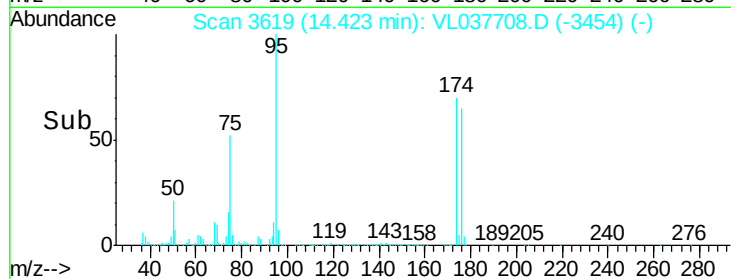
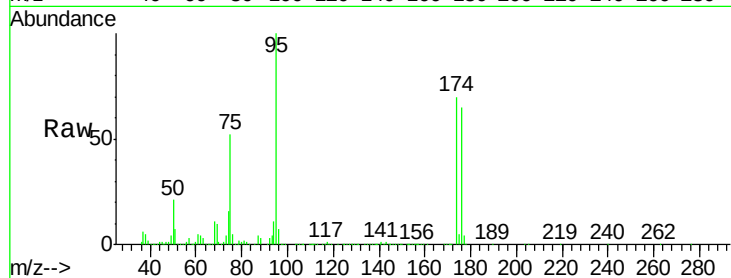
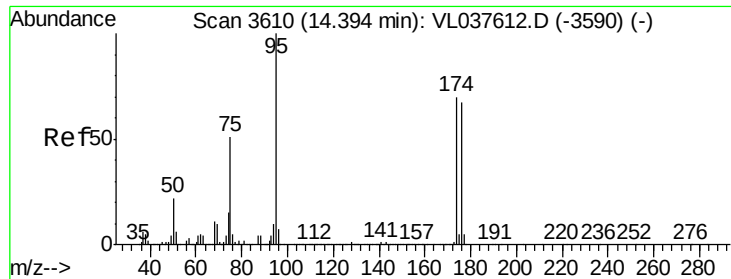
Delta R.T. 0.03 min

Lab File: VL037708.D

Acq: 28 Sep 2021 18:46

Tgt Ion:117 Resp: 3418666
Ion Ratio Lower Upper
117 100
82 65.8 50.6 75.8
119 35.0 26.2 39.2





#68

1-Bromo-4-Fluorobenzene

Concen: 9.889 ppbv

RT: 14.42

Delta R.T

Lab File: ClientSampleId :

Acq: 28 Sep 2021 18:48

Tgt Ion:

Ion Ratio

95 100

174 77.

175 5.

Manual Integrations

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