

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092821\
 Data File : VL037703.D
 Acq On : 28 Sep 2021 15:38
 Operator : SY/AP
 Sample : M3896-01DL2 100X
 Misc : 400mL/MSVOA_L
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 INFLUENTDL2

Manual Integrations
 APPROVED

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

Quant Time: Sep 29 20:42:14 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	1436171	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.19	114	4215584	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.10	117	3630903	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2486236	9.47	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.70%

Target Compounds					Qvalue
11) Trichlorofluoromethane	3.96	101	77347	0.371	ppbv 94
12) 1,1,2-Trichlorotrifluoroet	4.50	101	274114	1.780	ppbv 99
18) 1,1-Dichloroethene	4.30	96	79684m	1.111	ppbv
24) 1,1-Dichloroethane	5.02	63	1678703	11.349	ppbv 99
32) 1,1,1-Trichloroethane	6.52	97	13576846	58.173	ppbv 94

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

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Misc : 400mL/MSVOA_L
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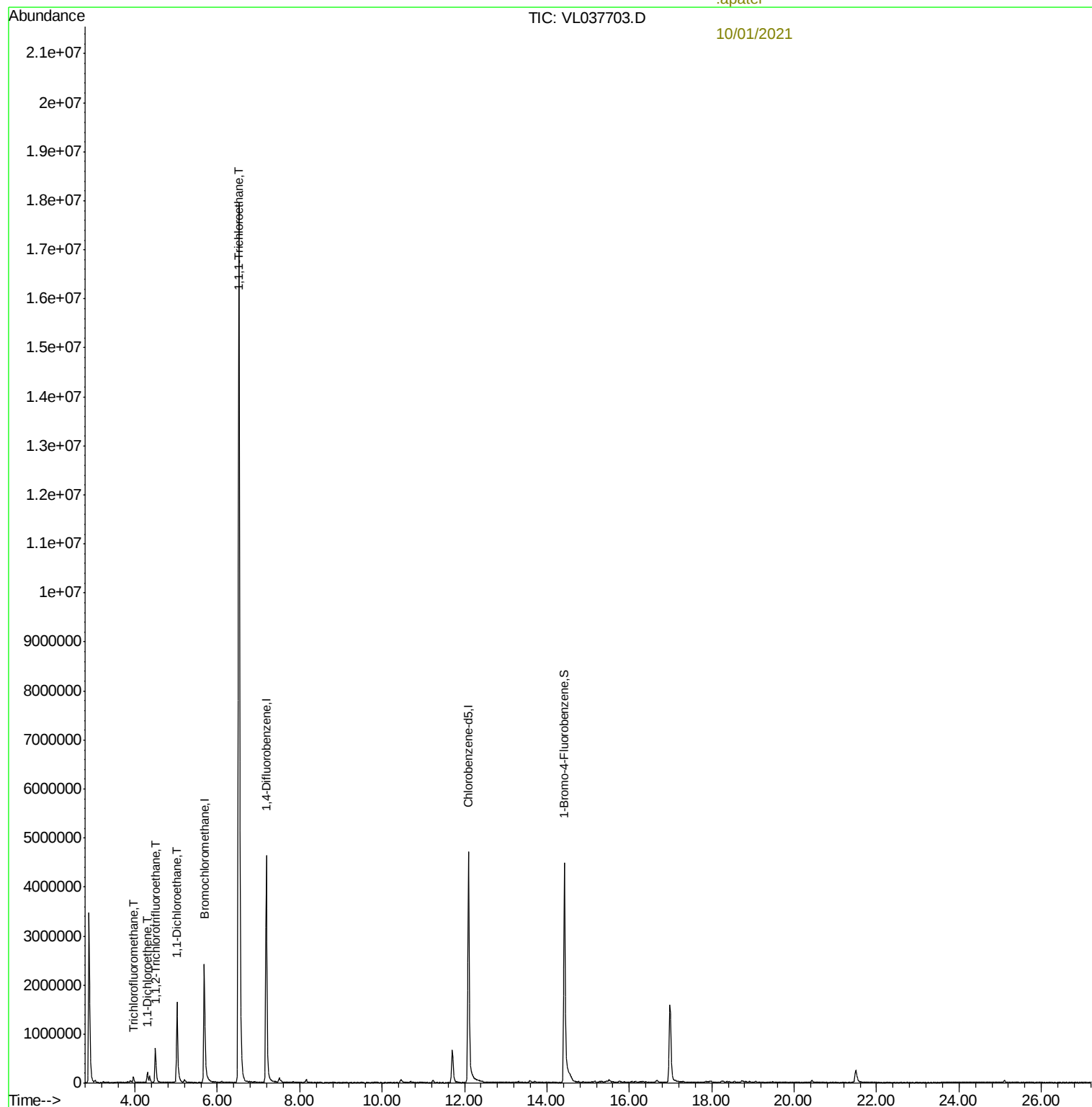
Instrument :
MSVOA_L
ClientSampleId :
INFLUENTDL2

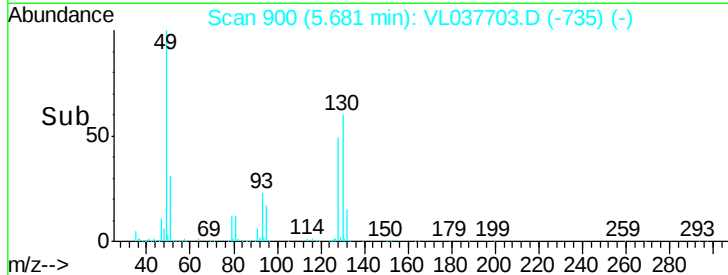
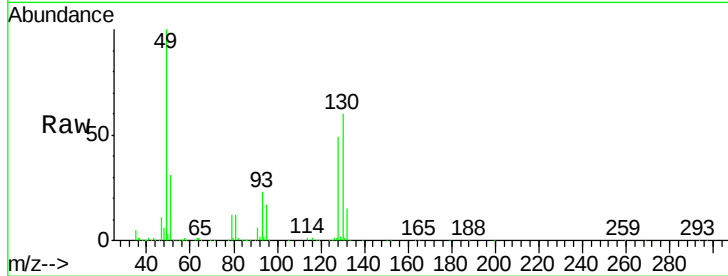
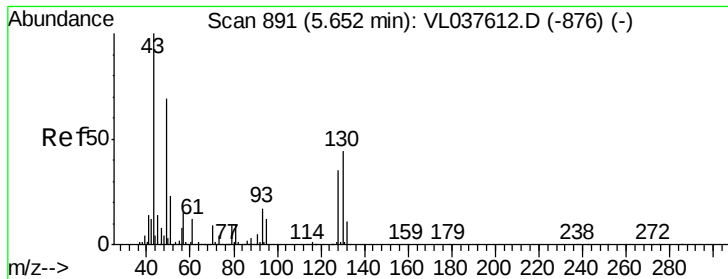
Quant Time: Sep 29 20:42:14 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL091621
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Thu Sep 16 13:42:46 2021
Response via : Initial Calibration

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Supervised By :Amit Patel 10/01/2021

09/29/2021
Supervised By
:apatel





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 28 Sep 2021 15:38

Tgt Ion:

Ion Ratio

49 100

128 54.

130 69.

Manual Integrations

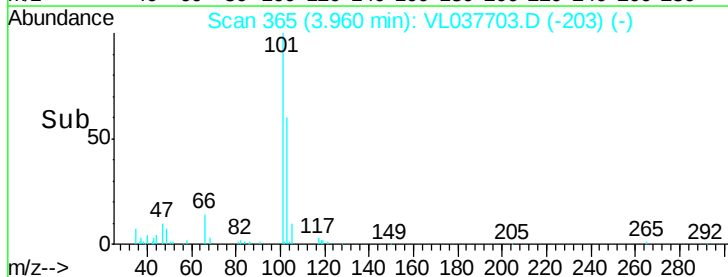
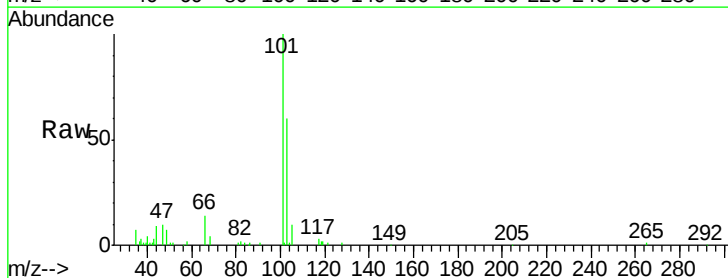
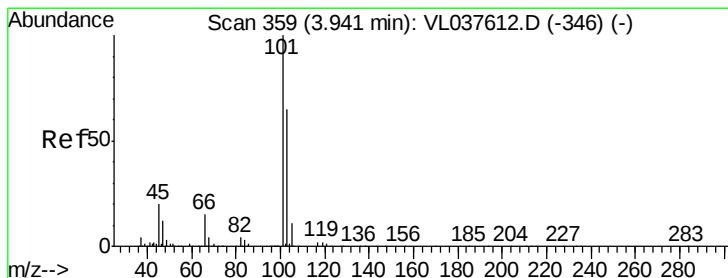
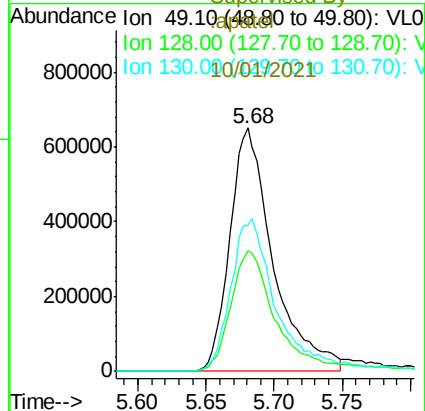
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Supervised By



#11

Trichlorofluoromethane

Concen: 0.371 ppbv

RT: 3.96 min Scan# 365

Delta R.T. 0.02 min

Lab File: VL037703.D

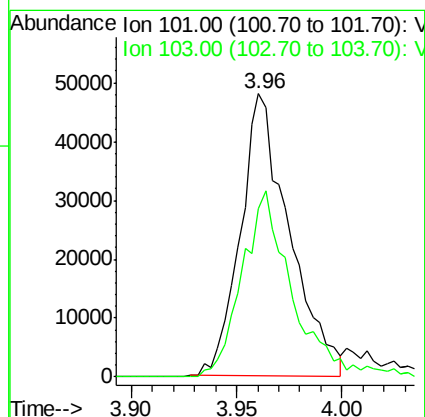
Acq: 28 Sep 2021 15:38

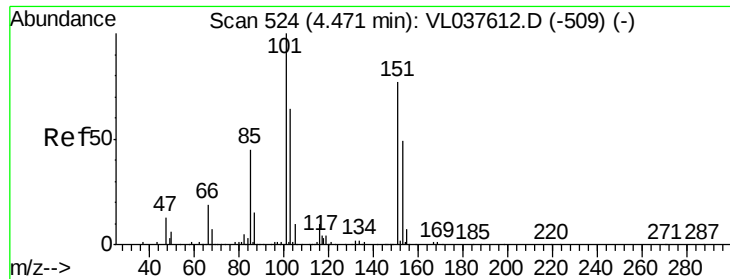
Tgt Ion:101 Resp: 77347

Ion Ratio Lower Upper

101 100

103 59.9 51.9 77.9



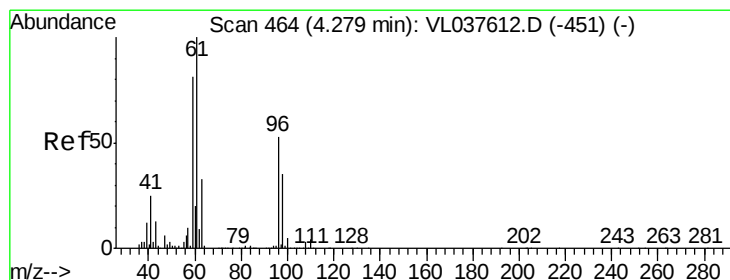
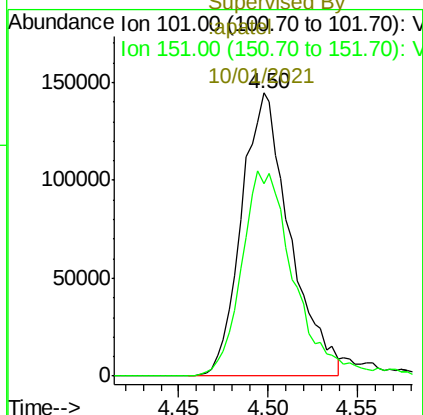
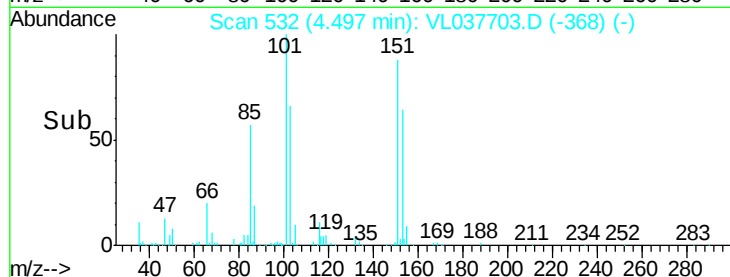
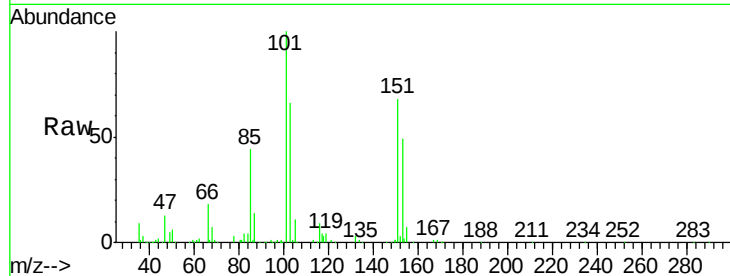


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 1.780 ppbv
 RT: 4.50
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 INFLUENTDL2
 Acq: 28 Sep 2021 15:38

Tgt Ion: 1
 Ion Ratio
 101 100
 151 80.

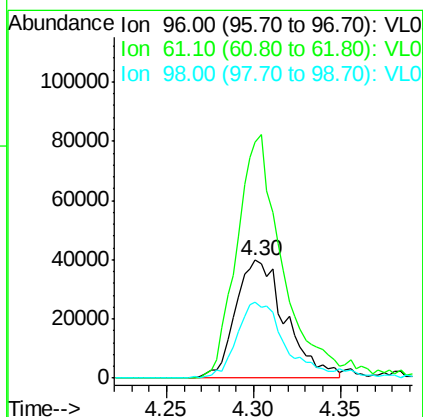
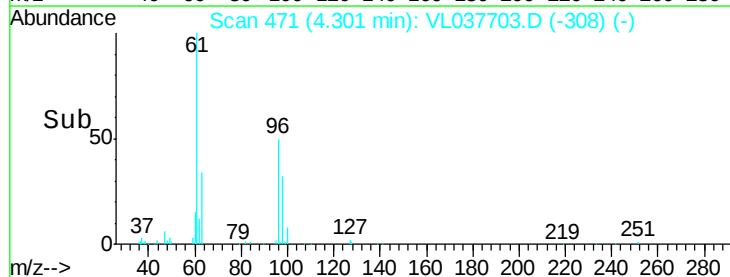
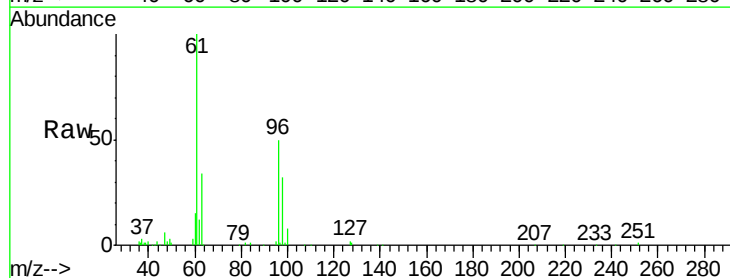
Manual Integrations
 APPROVED

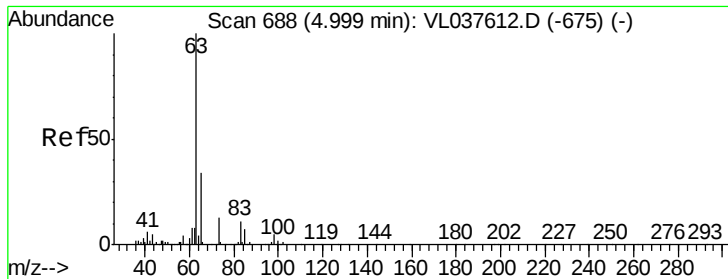
Reviewed By : Semsettin Yesilyurt 09/29/2021
 Supervised By : Amit Patel 10/01/2021



#18
 1,1-Dichloroethene
 Concen: 1.111 ppbv m
 RT: 4.30 min Scan# 471
 Delta R.T. 0.02 min
 Lab File: VL037703.D
 Acq: 28 Sep 2021 15:38

Tgt Ion: 96 Resp: 79684
 Ion Ratio Lower Upper
 96 100
 61 200.3 150.4 225.6
 98 64.5 52.1 78.1





#24

1,1-Dichloroethane

Concen: 11.349 ppbv

RT: 5.02

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 28 Sep 2021 15:38

Tgt Ion:

Ion Ratio

63 100

98 4.

100 2.

Manual Integrations

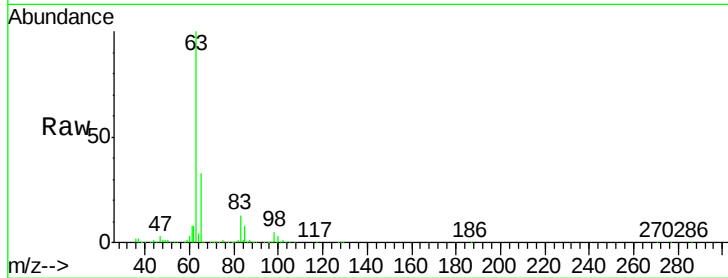
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Reviewed By :Semsettin Yesilyurt 09/29/2021

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09/29/2021

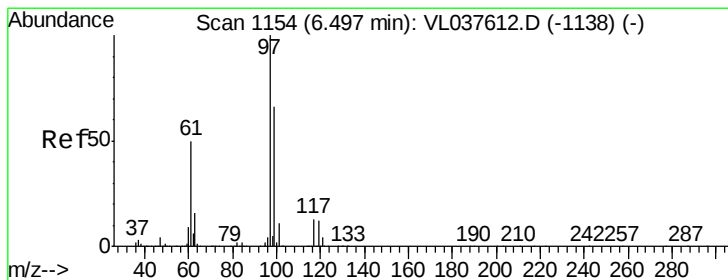
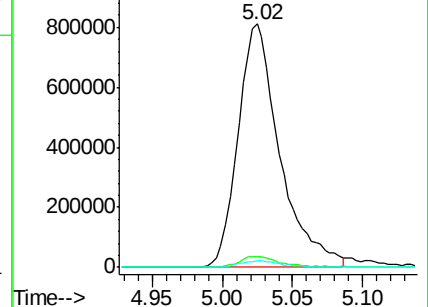
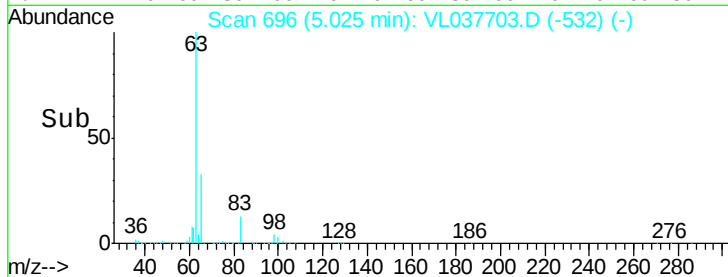
Supervised By



Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0



#32

1,1,1-Trichloroethane

Concen: 58.173 ppbv

RT: 6.52 min Scan# 1162

Delta R.T. 0.03 min

Lab File: VL037703.D

Acq: 28 Sep 2021 15:38

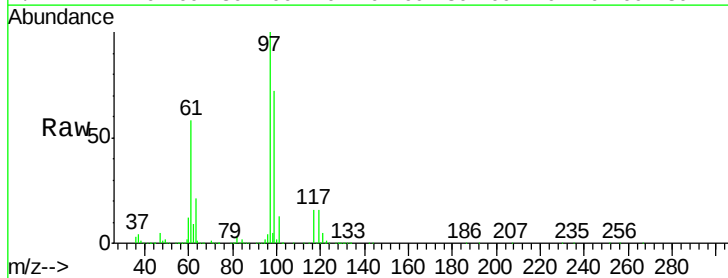
Tgt Ion: 97 Resp:13576846

Ion Ratio Lower Upper

97 100

99 69.0 52.3 78.5

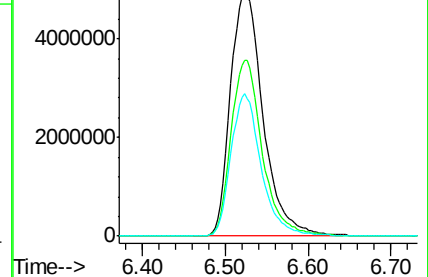
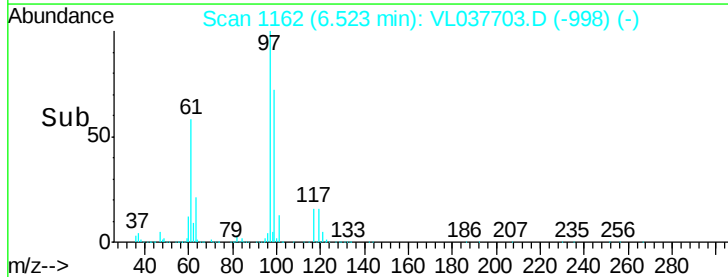
61 54.2 39.5 59.3

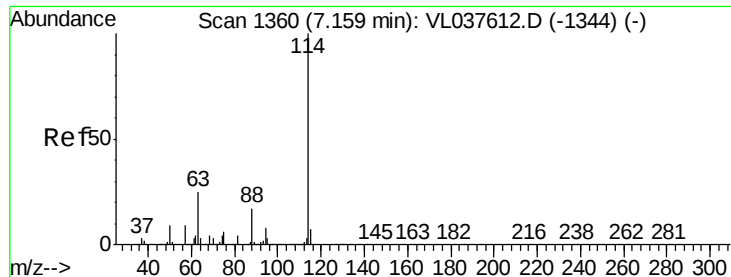


Abundance Ion 97.00 (96.70 to 97.70): VL0

Ion 99.00 (98.70 to 99.70): VL0

Ion 61.10 (60.80 to 61.80): VL0



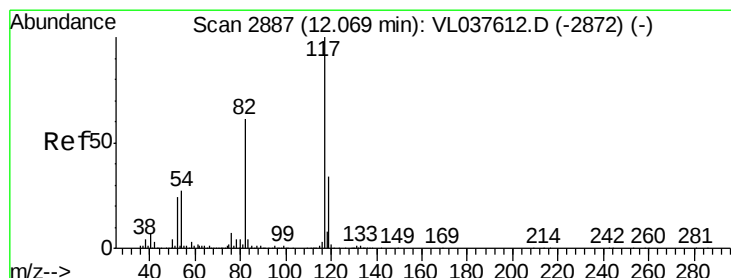
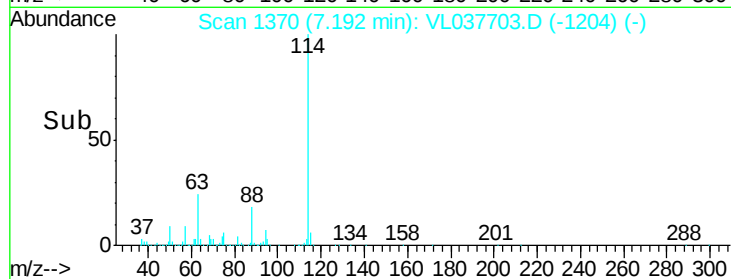
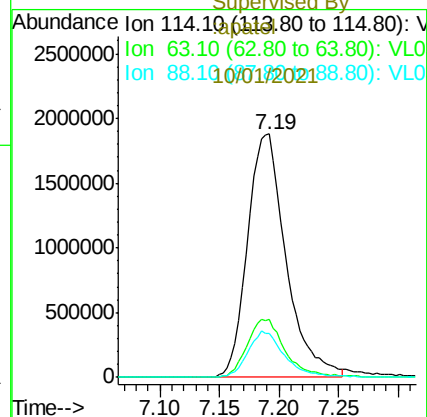
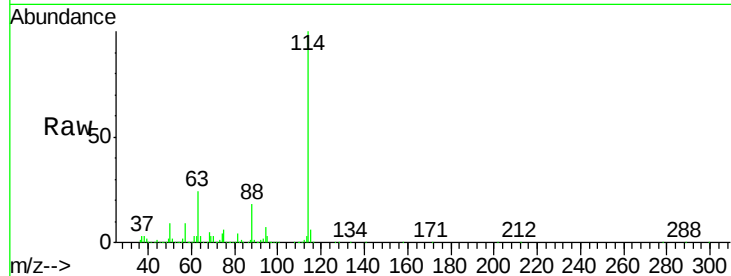


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampled :
 Acq: 28 Sep 2021 15:38

Tgt Ion: 1
 Ion Ratio
 114 100
 63 24.
 88 18.

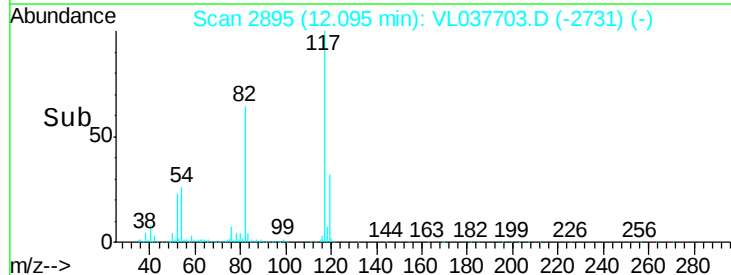
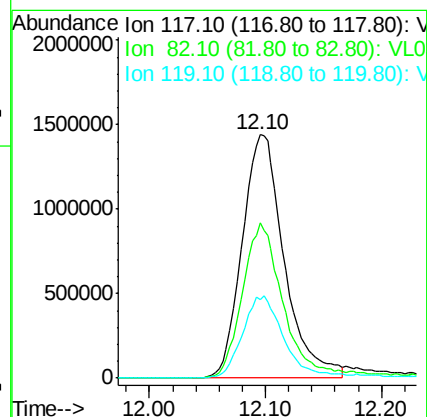
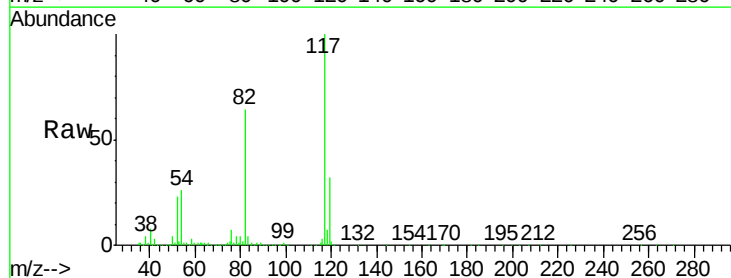
Manual Integrations
 APPROVED

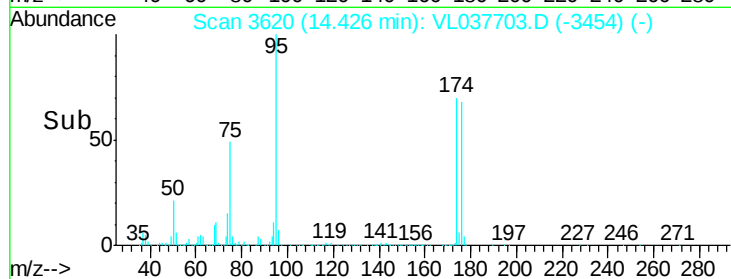
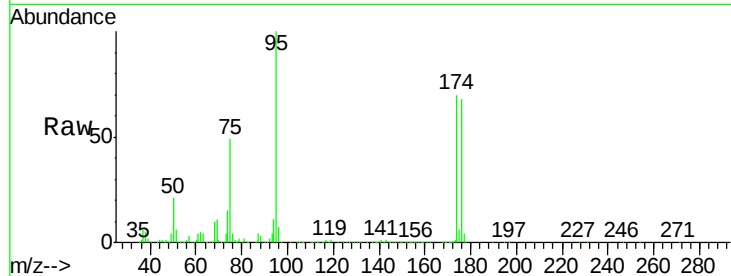
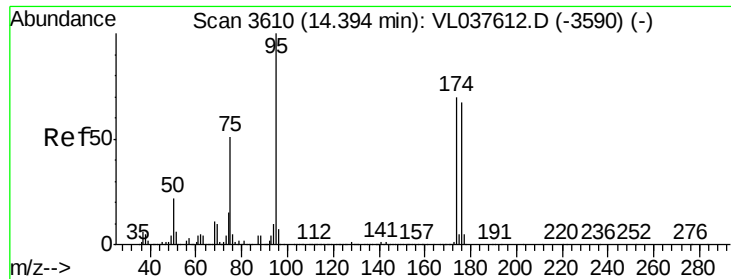
Reviewed By : Semsettin Yesilyurt 09/29/2021
 Supervised By : Amit Patel 10/01/2021



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.10 min Scan# 2895
 Delta R.T.: 0.03 min
 Lab File: VL037703.D
 Acq: 28 Sep 2021 15:38

Tgt Ion: 117 Resp: 3630903
 Ion Ratio Lower Upper
 117 100
 82 65.7 50.6 75.8
 119 34.9 26.2 39.2





#68

1-Bromo-4-Fluorobenzene

Concen: 9.475 ppbv

RT: 14.43

Delta R.T

Lab File:

Acq: 28 Sep 2021 15:38

Instrument :

MSVOA_L

ClientSampleId :

INFLUENTDL2

Manual Integrations

APPROVED

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Supervised By :Amit Patel 10/01/2021

09/29/2021

Supervised By

Amit Patel

Abundance Ion 95.10 (94.80 to 95.80): VL037612.D (-3590) (-)

Ion 174.00 (173.70 to 174.70): VL037612.D (-3590) (-)

Ion 175.00 (174.70 to 175.70): VL037612.D (-3590) (-)

