

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030822\
 Data File : VL038557.D
 Acq On : 8 Mar 2022 13:40
 Operator : SY/AP
 Sample : VSTDICC0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022

Quant Time: Mar 08 14:12:50 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Tue Mar 08 13:53:01 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	975789	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	2399033	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2099991	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1624097	9.35	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Vinyl Chloride	3.25	62	7487m	0.12	ppbv	
32) 1,1,1-Trichloroethane	6.49	97	18078m	0.11	ppbv	
35) Carbon Tetrachloride	7.01	117	18301	0.11	ppbv #	90
38) Trichloroethene	7.82	130	10246m	0.13	ppbv	
52) Tetrachloroethene	11.21	164	9349m	0.13	ppbv	
54) 1,2-Dibromoethane	10.59	107	13248m	0.11	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.66	83	23546m	0.12	ppbv	
79) Naphthalene	22.19	128	14244m	0.11	ppbv	

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL030822\
Data File : VL038557.D
Acq On : 8 Mar 2022 13:40
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Manual Integrations
APPROVED

Quant Time: Mar 08 14:12:50 2022

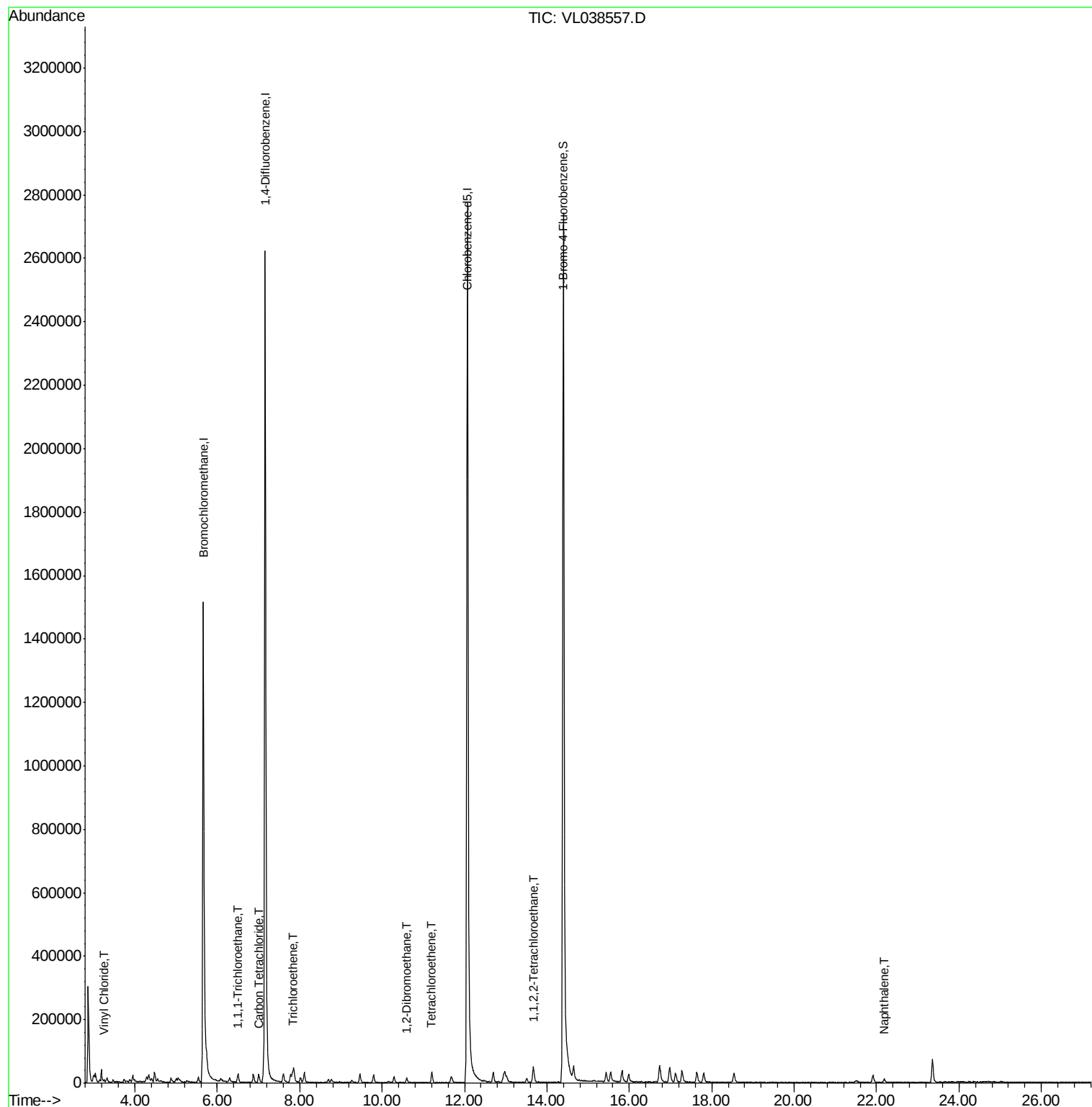
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL030822

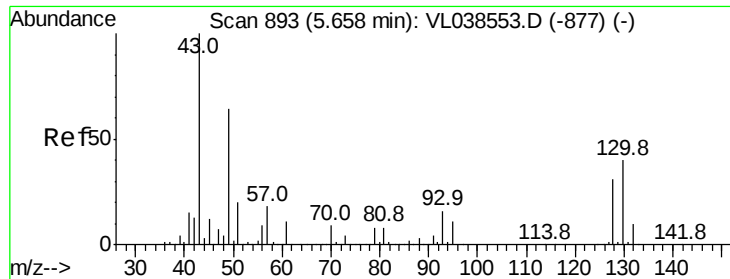
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Tue Mar 08 13:53:01 2022

Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T.:

Lab File: ClientSampleId:

Acq: 8 Mar 2022 13:40

Tgt Ion:

Ion Ratio

49 100

128 50.

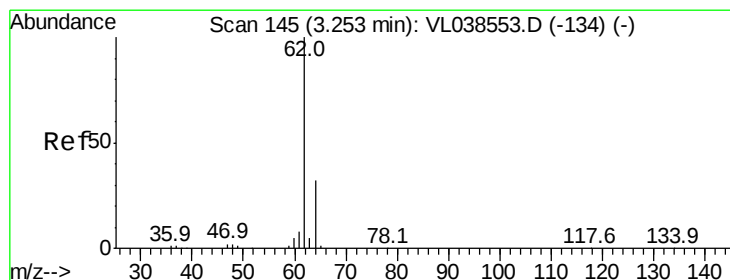
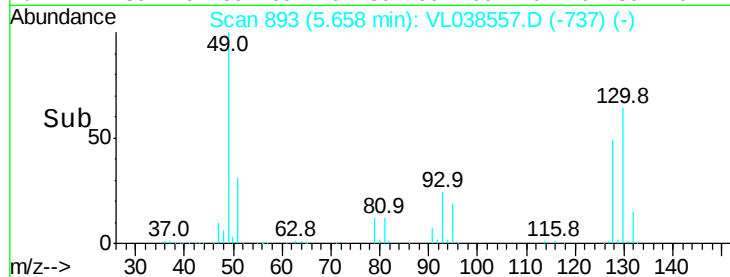
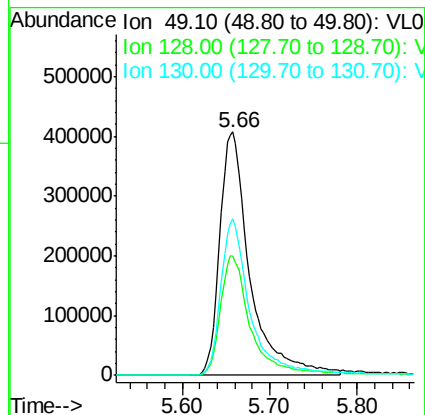
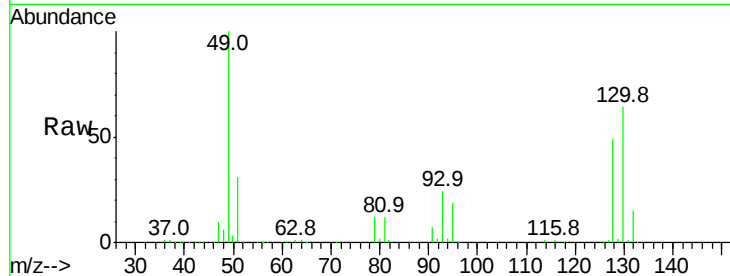
130 64.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#5

Vinyl Chloride

Concen: 0.12 ppbv m

RT: 3.25 min Scan# 144

Delta R.T. -0.00 min

Lab File: VL038557.D

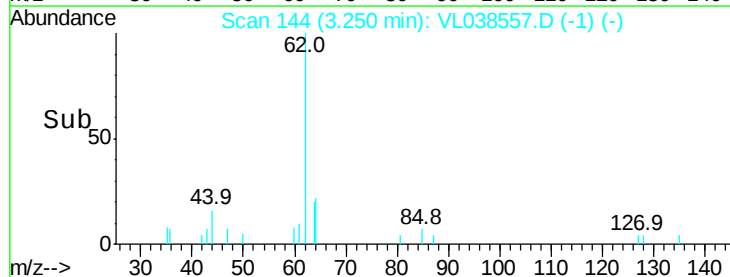
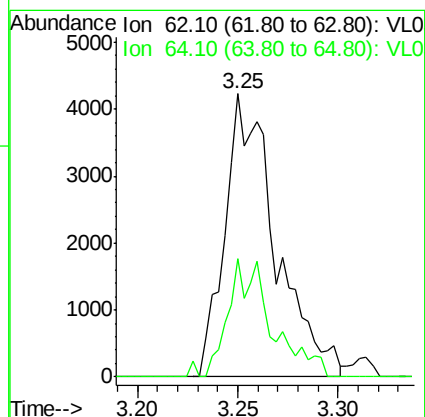
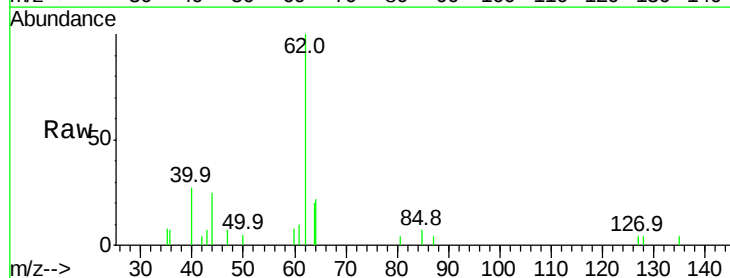
Acq: 8 Mar 2022 13:40

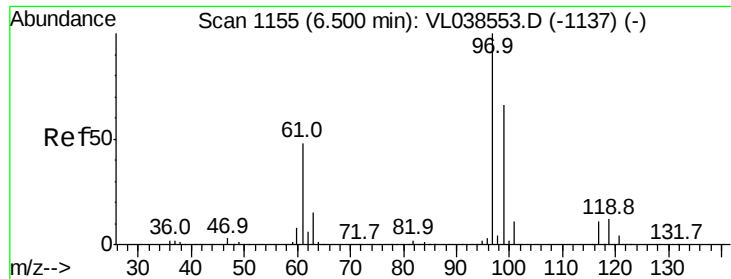
Tgt Ion: 62 Resp: 7487

Ion Ratio Lower Upper

62 100

64 21.9 25.8 38.6#





#32

1,1,1-Trichloroethane

Concen: 0.11 ppbv m

RT: 6.49

Instrument: MSVOA_1

Delta R.T.:

Lab File: ClientSampleId:

Acq: 8 Mar 2022 13:40

Tgt Ion:

Ion Ratio

97 100

99 66.

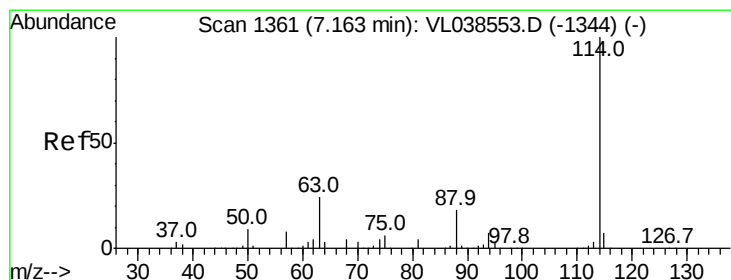
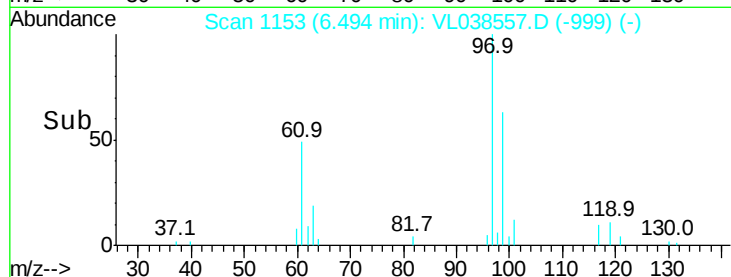
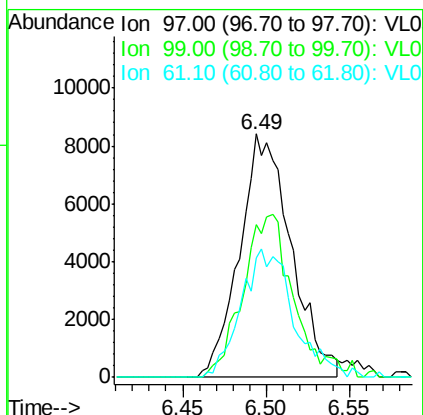
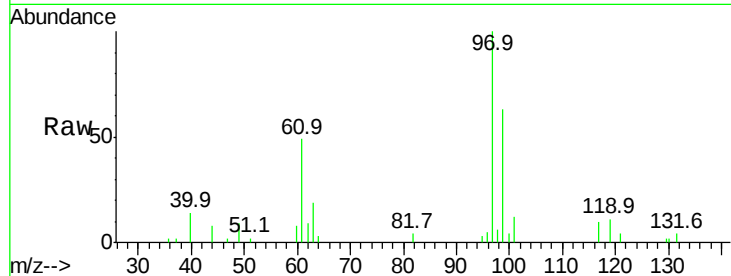
61 53.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.16 min Scan# 1360

Delta R.T. -0.00 min

Lab File: VL038557.D

Acq: 8 Mar 2022 13:40

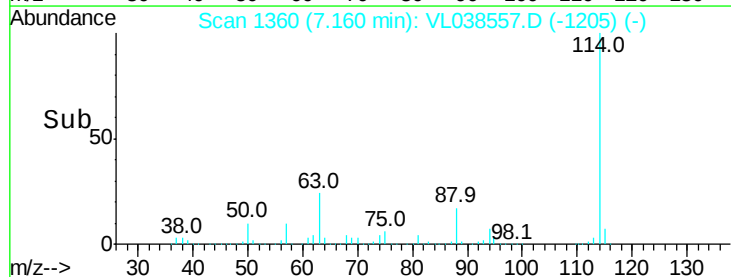
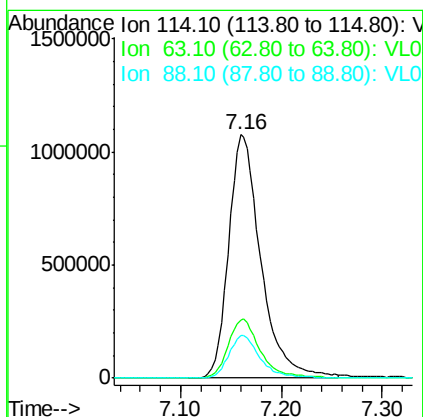
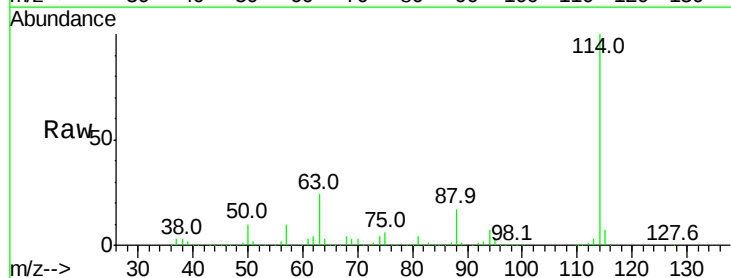
Tgt Ion:114 Resp: 2399033

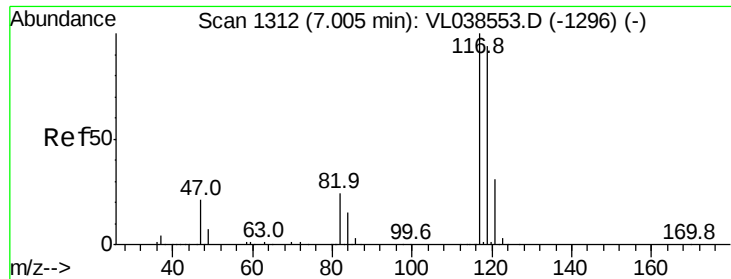
Ion Ratio Lower Upper

114 100

63 24.3 19.6 29.4

88 17.6 13.9 20.9



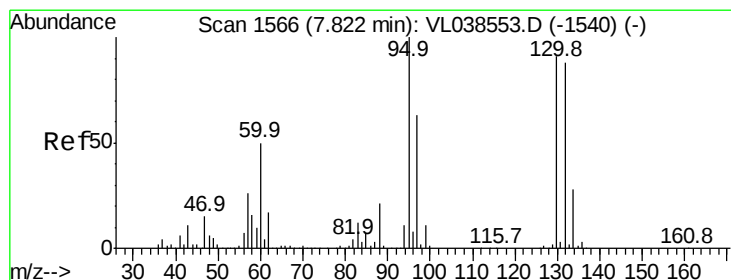
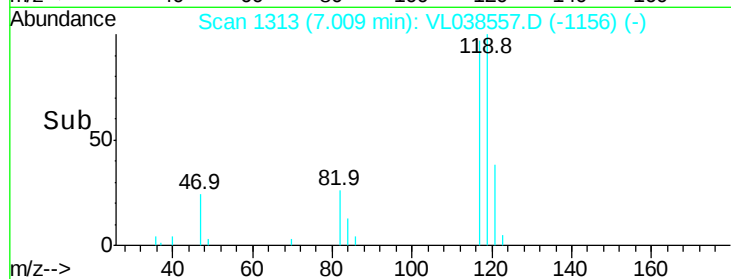
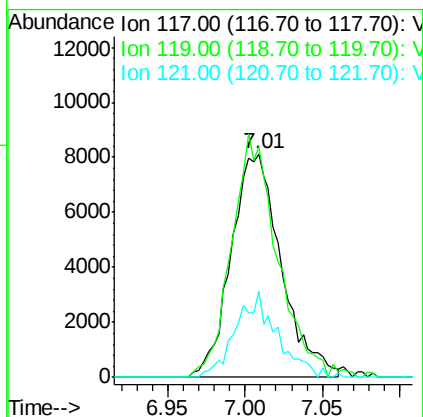
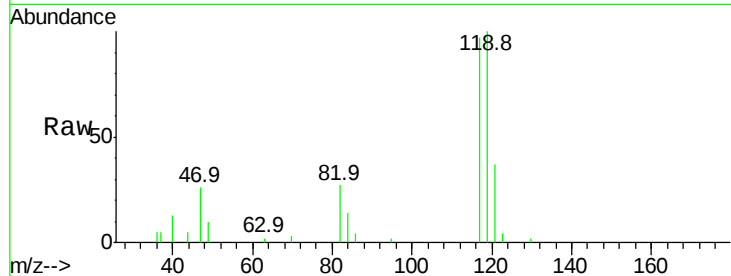


#35
Carbon Tetrachloride
Concen: 0.11 ppbv
RT: 7.01
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 8 Mar 2022 13:40

Tgt Ion:1
Ion Rati
117 100
119 103.
121 38.

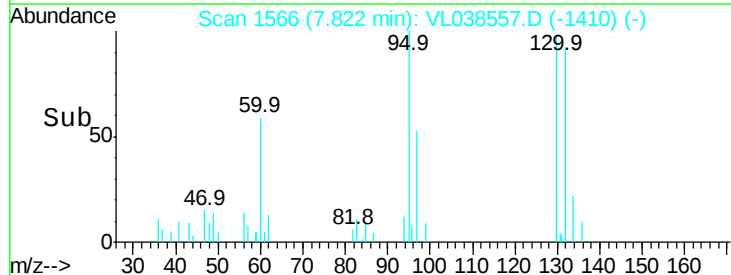
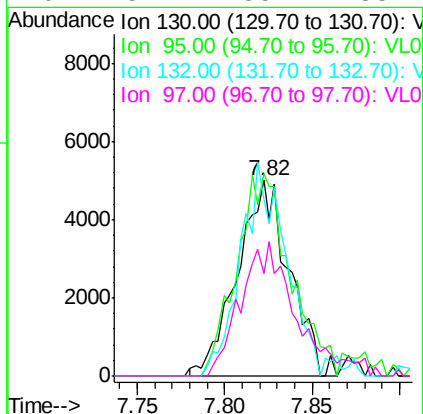
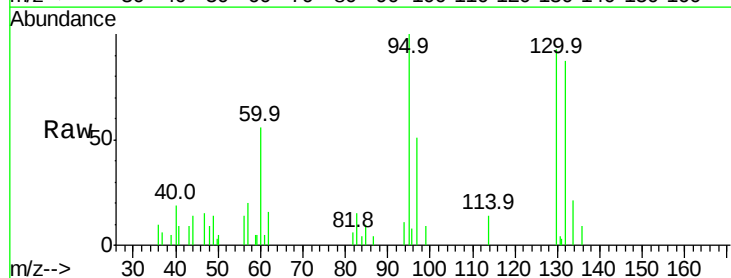
Manual Integrations
APPROVED

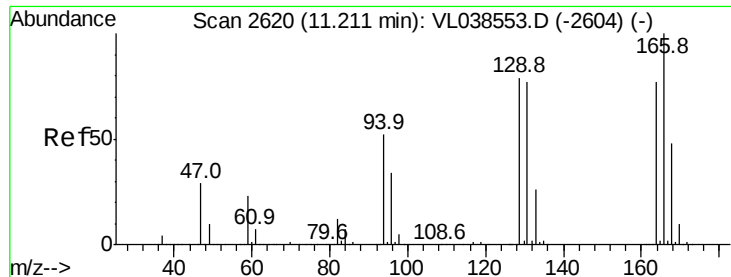
Reviewed By :Semsettin Yesilyurt 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#38
Trichloroethene
Concen: 0.13 ppbv m
RT: 7.82 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VL038557.D
Acq: 8 Mar 2022 13:40

Tgt Ion:130 Resp: 10246
Ion Ratio Lower Upper
130 100
95 107.0 87.8 131.8
132 93.5 77.5 116.3
97 54.4 55.4 83.2#





#52

Tetrachloroethene

Concen: 0.13 ppbv m

RT: 11.21

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 8 Mar 2022 13:40

Tgt Ion:1

Ion Ratio

164 100

166 91.

129 72.

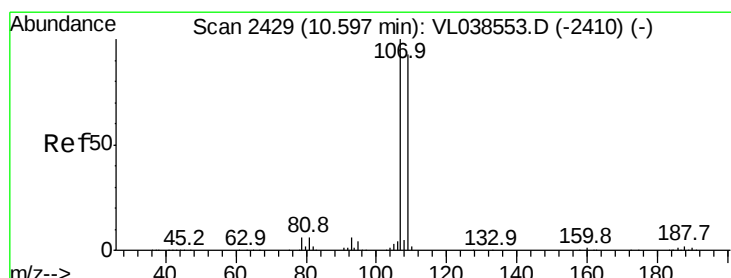
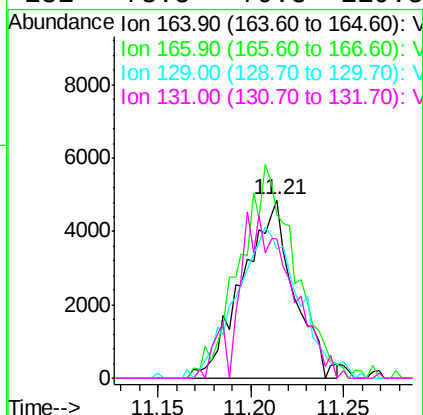
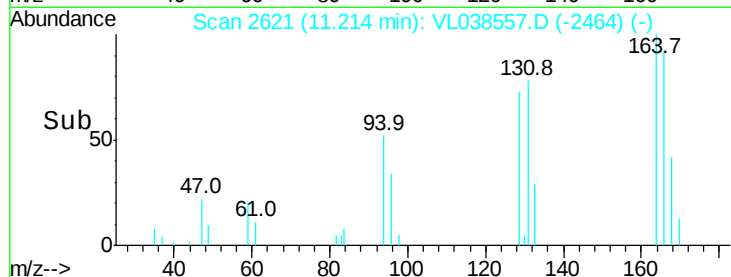
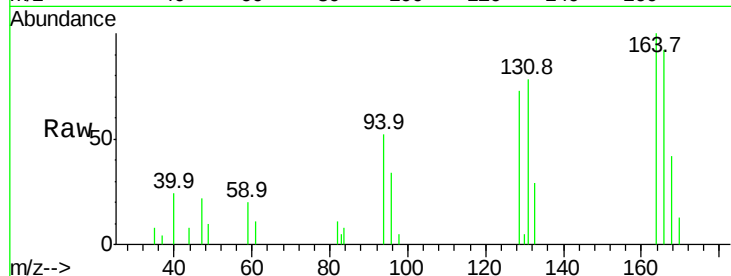
131 78.5 79.8 119.8#

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#54

1,2-Dibromoethane

Concen: 0.11 ppbv m

RT: 10.59 min Scan# 2428

Delta R.T. -0.00 min

Lab File: VL038557.D

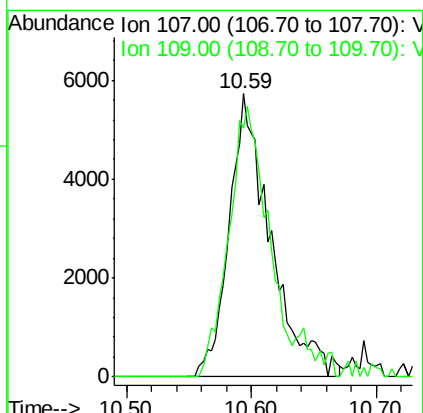
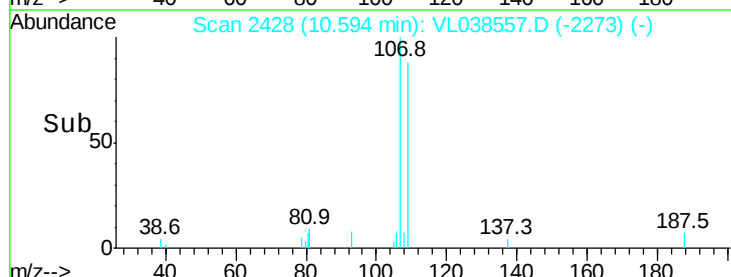
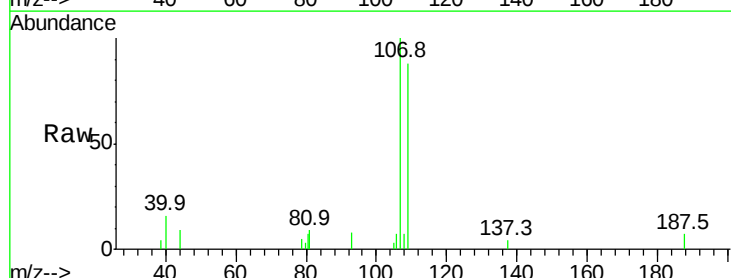
Acq: 8 Mar 2022 13:40

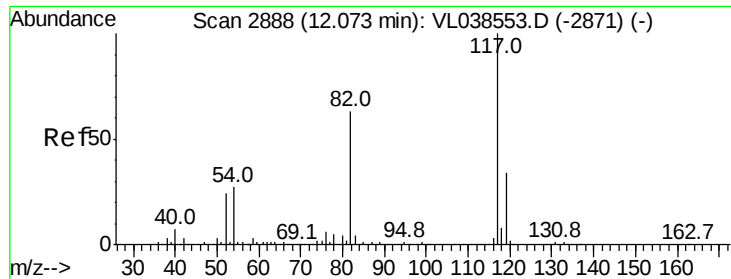
Tgt Ion:107 Resp: 13248

Ion Ratio Lower Upper

107 100

109 87.9 74.6 112.0



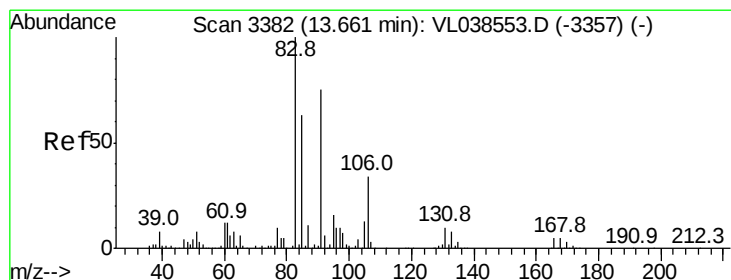
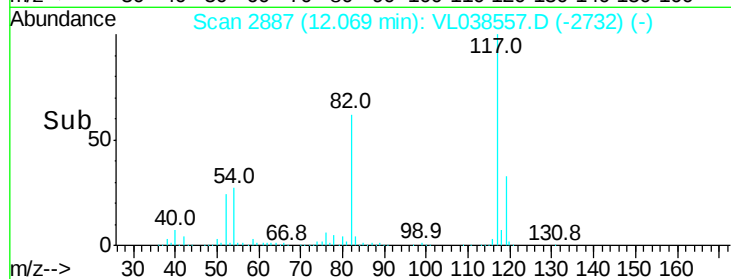
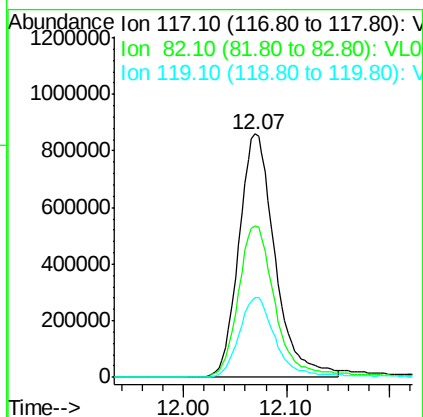
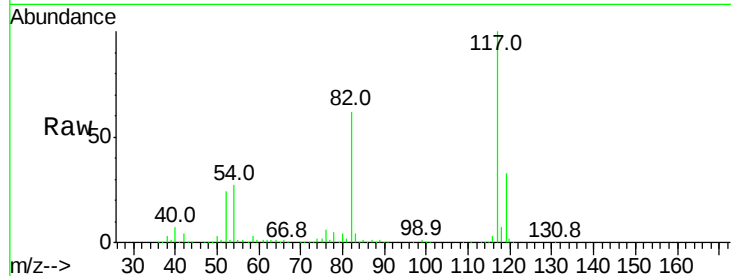


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.07 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 8 Mar 2022 13:40

Tgt Ion: 117.0
Ion Ratio: 100
117 100
82 65.1
119 33.3

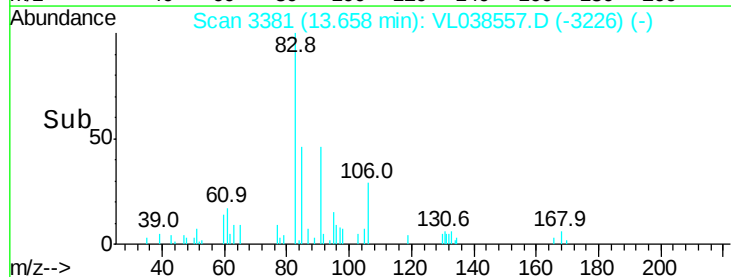
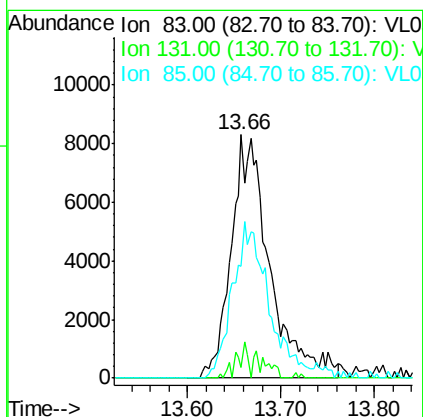
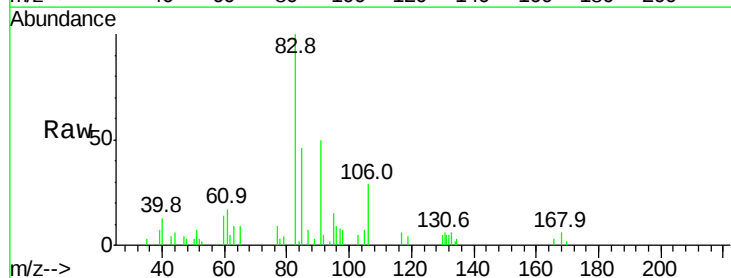
Manual Integrations
APPROVED

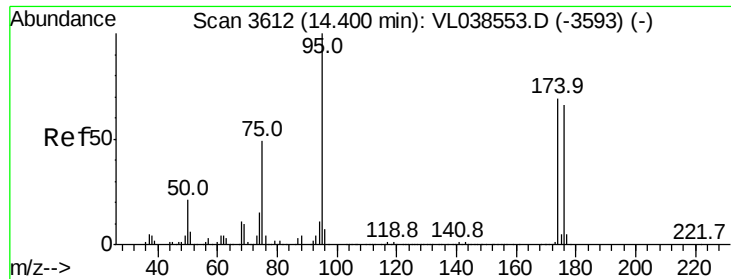
Reviewed By : Semsettin Yesilyurt 03/10/2022
Supervised By : Mahesh Dadoda 03/14/2022



#63
1,1,2,2-Tetrachloroethane
Concen: 0.12 ppbv m
RT: 13.66 min Scan# 3381
Delta R.T.: -0.00 min
Lab File: VL038557.D
Acq: 8 Mar 2022 13:40

Tgt Ion: 83 Resp: 23546
Ion Ratio Lower Upper
83 100
131 3.9 4.7 14.1#
85 62.5 32.6 98.0



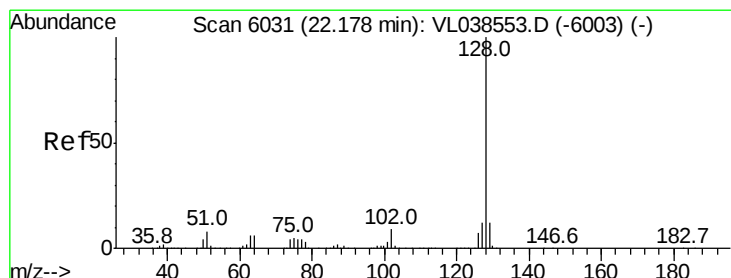
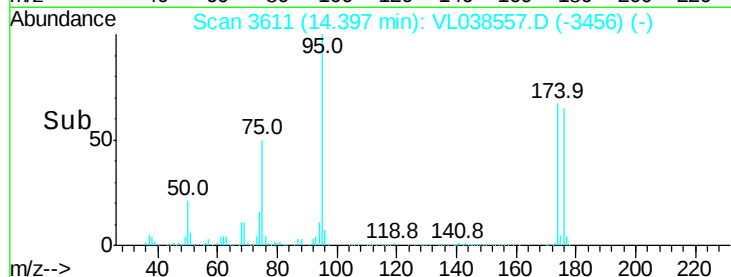
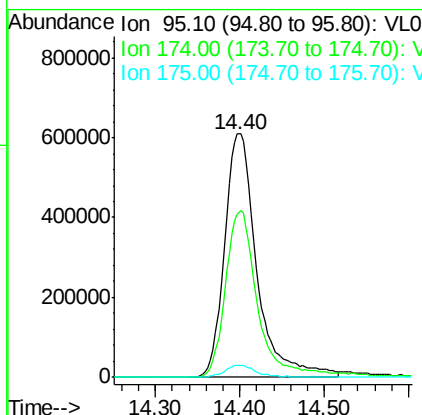
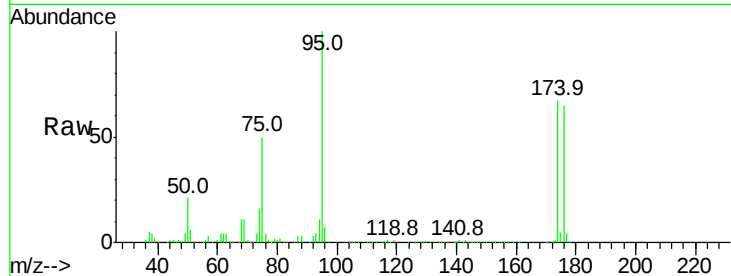


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.35 ppbv
 RT: 14.40 min
 Delta R.T.: 0.01 min
 Lab File: VSTDIC001
 Acq: 8 Mar 2022 13:40

Tgt Ion:
 Ion Ratio
 95 100
 174 70.
 175 5.

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#79
 Naphthalene
 Concen: 0.11 ppbv m
 RT: 22.19 min Scan# 6034
 Delta R.T.: 0.01 min
 Lab File: VL038557.D
 Acq: 8 Mar 2022 13:40

Tgt Ion:128 Resp: 14244
 Ion Ratio Lower Upper
 128 100
 127 18.3 9.9 14.9#
 129 9.6 9.3 13.9

