

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032422\
 Data File : VL038756.D
 Acq On : 24 Mar 2022 20:17
 Operator : SY/AP
 Sample : N2078-01DL 5X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 V-2DL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/26/2022
 Supervised By : Mahesh Dadoda 03/28/2022

Quant Time: Mar 26 10:02:55 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122A
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument:
 QLast Update : Mon Mar 21 17:09:26 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	803583	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.19	114	2143115	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.10	117	1807933	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	1350672	9.74	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Ethanol	3.63	45	28200m	6.24	ppbv	
15) Acetone	3.87	43	79004	1.14	ppbv	97
20) Methylene Chloride	4.36	84	34843	1.19	ppbv	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL032422\
Data File : VL038756.D
Acq On : 24 Mar 2022 20:17
Operator : SY/AP
Sample : N2078-01DL 5X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
V-2DL

Manual Integrations
APPROVED

Quant Time: Mar 26 10:02:55 2022

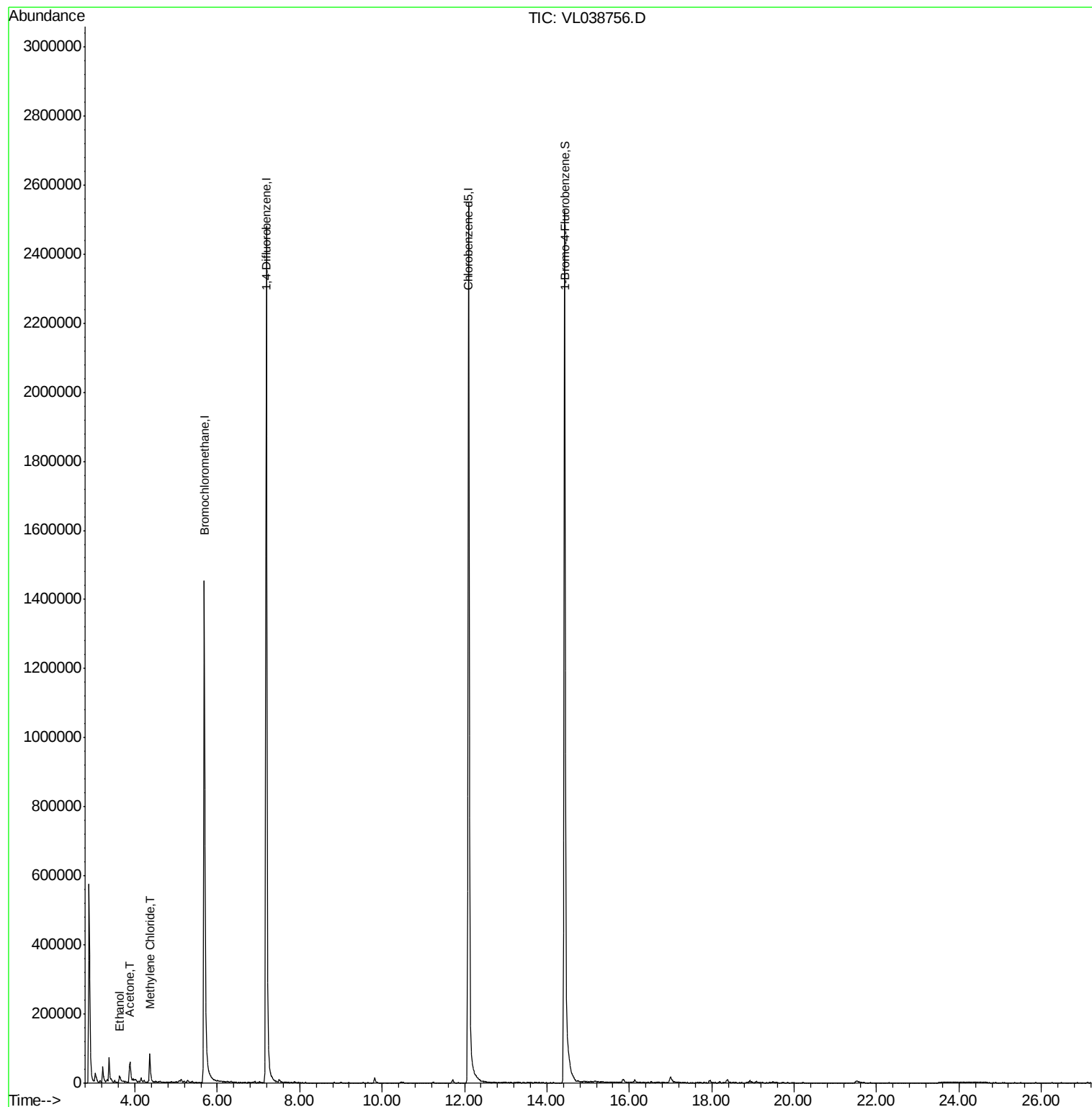
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL032122

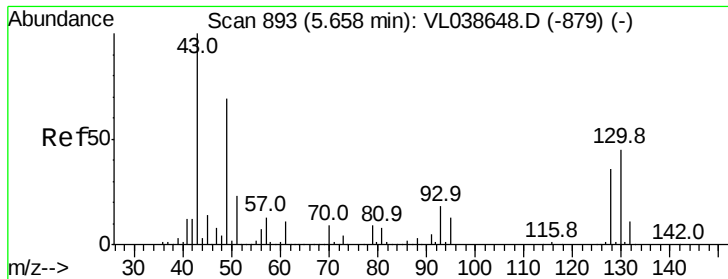
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Mon Mar 21 17:09:26 2022

Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.68 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Mar 2022 20:17

Tgt Ion:

Ion Ratio

49 100

128 56.

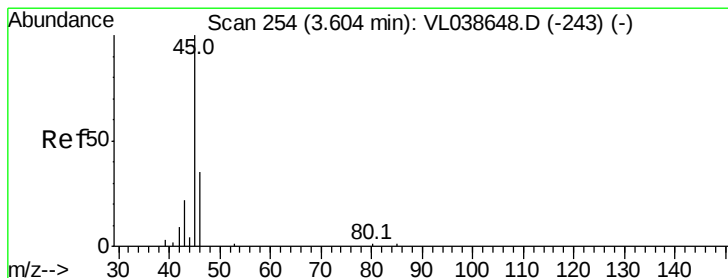
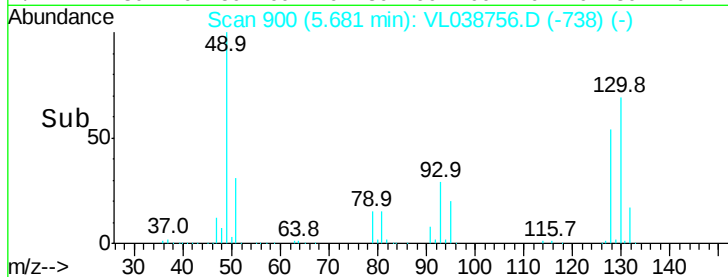
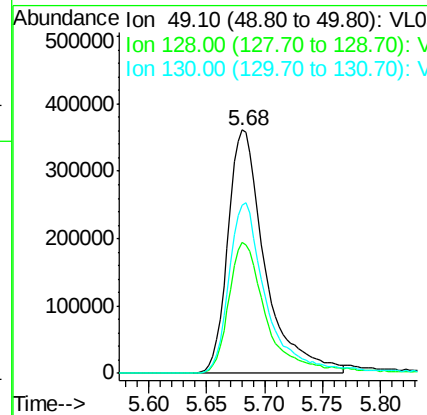
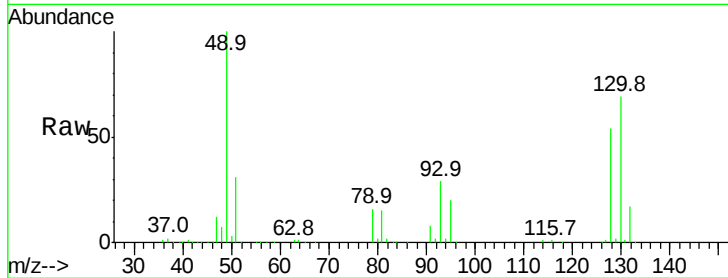
130 73.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#13

Ethanol

Concen: 6.24 ppbv m

RT: 3.63 min Scan# 262

Delta R.T. 0.03 min

Lab File: VL038756.D

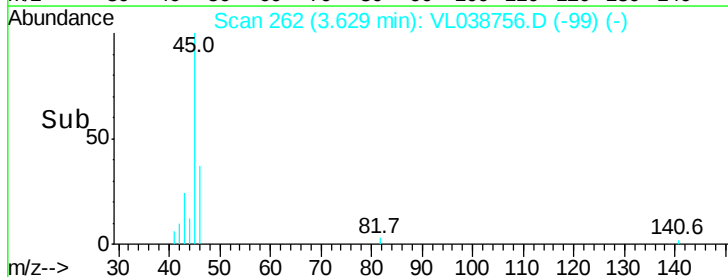
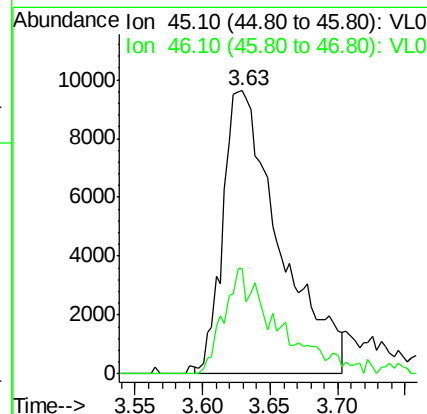
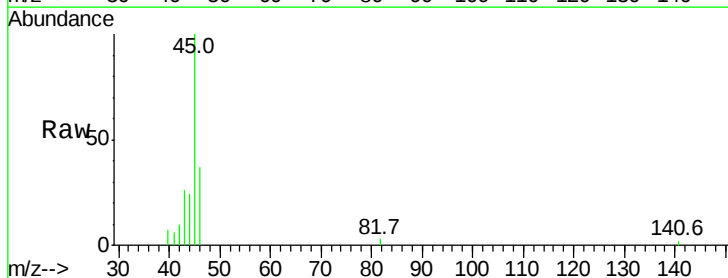
Acq: 24 Mar 2022 20:17

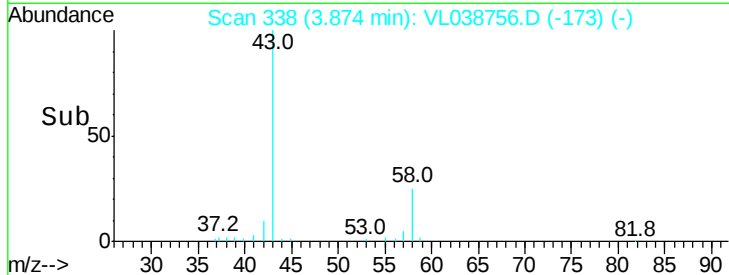
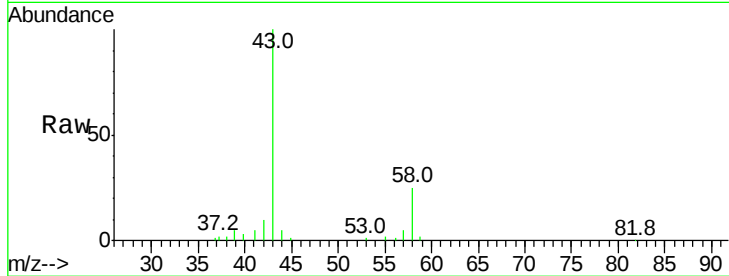
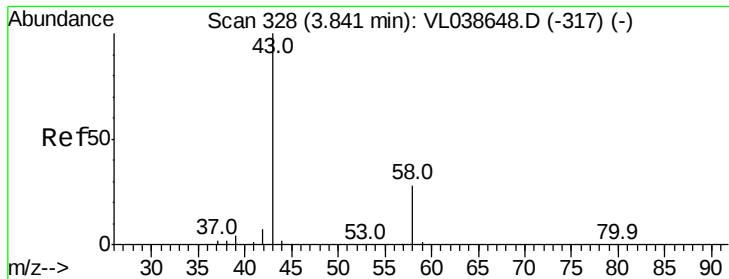
Tgt Ion: 45 Resp: 28200

Ion Ratio Lower Upper

45 100

46 34.5 15.1 60.5





#15

Acetone

Concen: 1.14 ppbv

RT: 3.87 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Mar 2022 20:17

Tgt Ion:

Ion Ratio

43 100

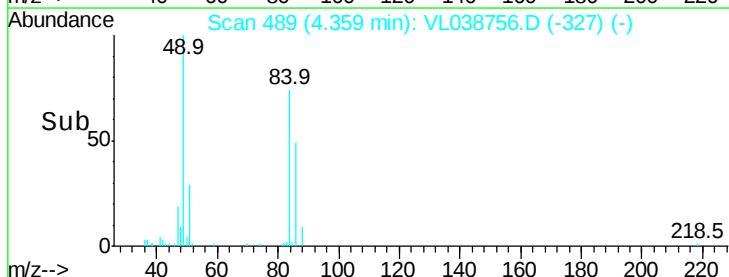
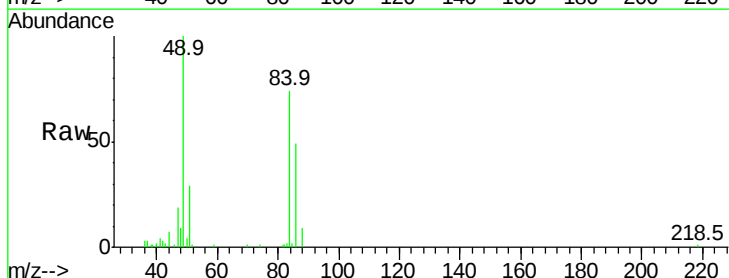
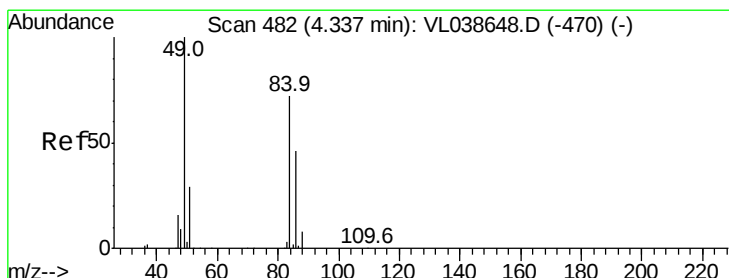
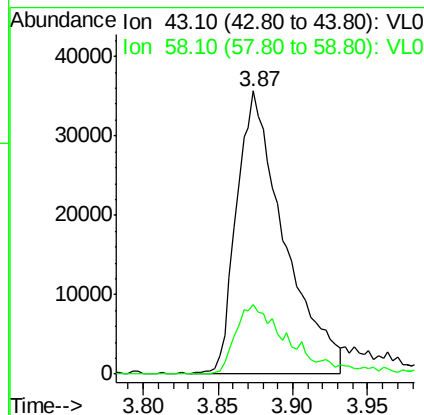
58 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#20

Methylene Chloride

Concen: 1.19 ppbv

RT: 4.36 min Scan# 489

Delta R.T. 0.02 min

Lab File: VL038756.D

Acq: 24 Mar 2022 20:17

Tgt Ion: 84 Resp: 34843

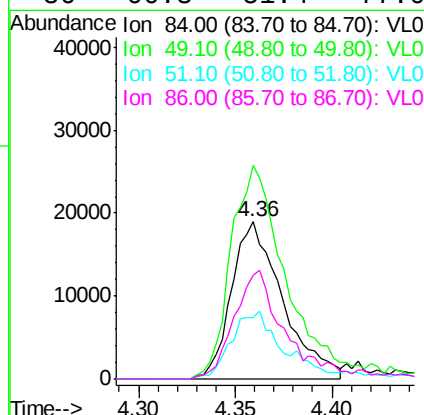
Ion Ratio Lower Upper

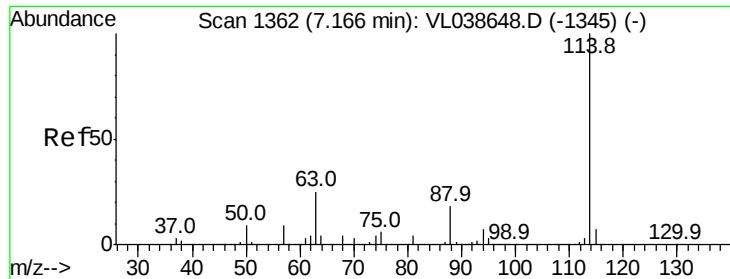
84 100

49 136.0 111.2 166.8

51 39.9 32.8 49.2

86 66.3 51.4 77.0



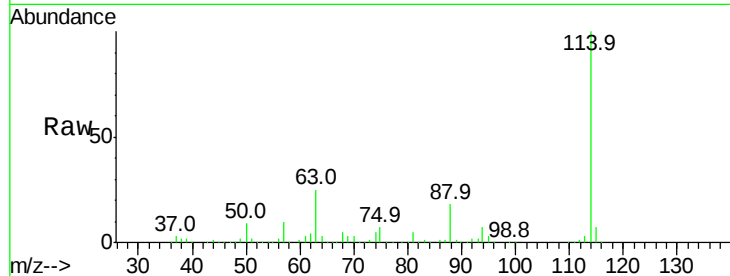


#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.19 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 V-2DL
 Acq: 24 Mar 2022 20:17

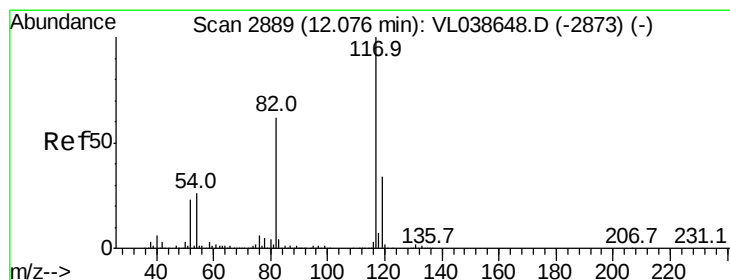
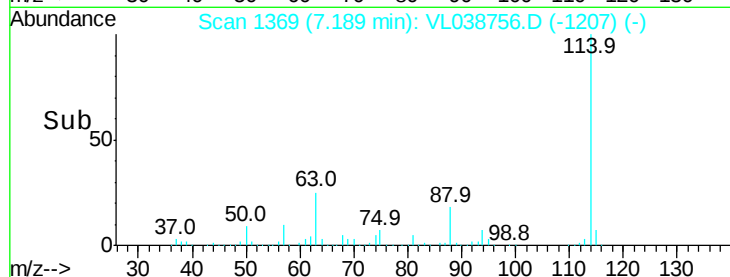
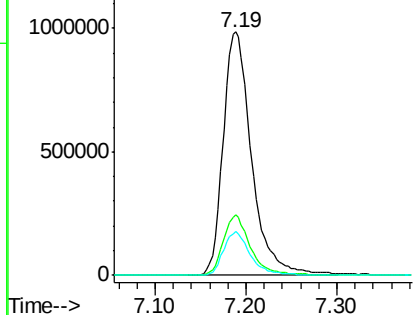
Tgt Ion:1
 Ion Ratio
 114 100
 63 23.
 88 17.

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2022
 Supervised By :Mahesh Dadoda 03/28/2022

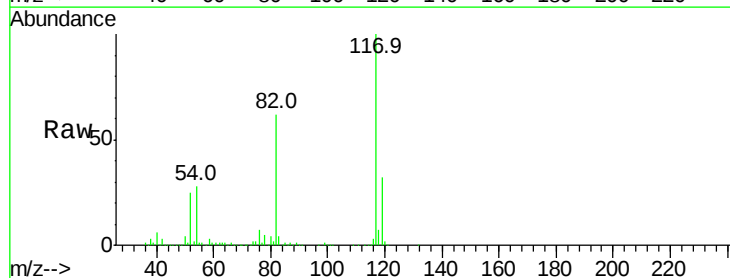


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

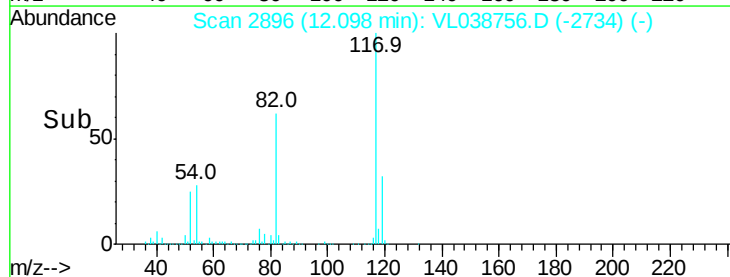
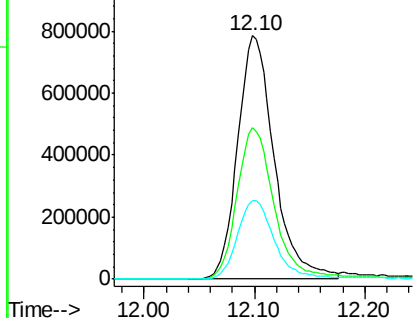


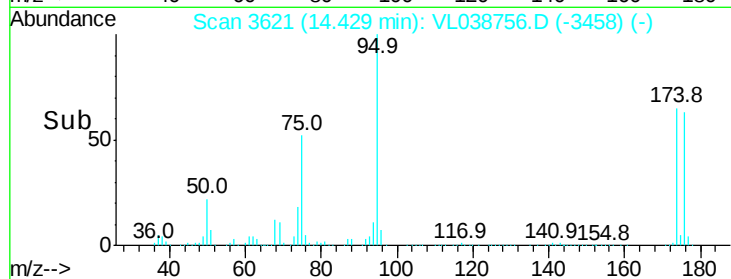
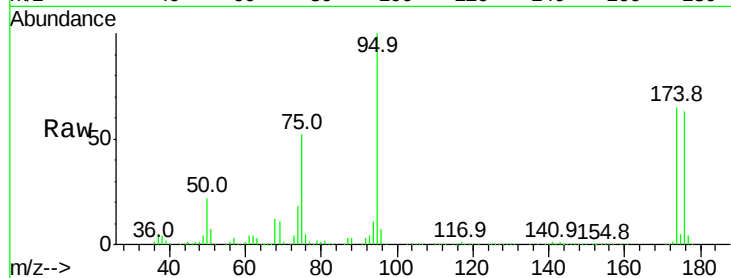
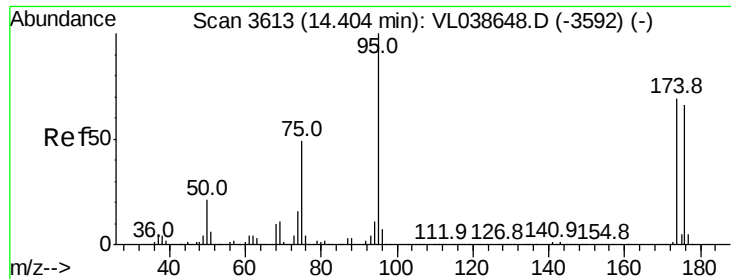
#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 12.10 min Scan# 2896
 Delta R.T.: 0.02 min
 Lab File: VL038756.D
 Acq: 24 Mar 2022 20:17

Tgt Ion:117 Resp: 1807933
 Ion Ratio Lower Upper
 117 100
 82 65.1 51.6 77.4
 119 34.0 26.9 40.3



Abundance Ion 117.10 (116.80 to 117.80): V
 Ion 82.10 (81.80 to 82.80): VL0
 Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 9.74 ppbv

RT: 14.43

Delta R.T: MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Mar 2022 20:17

Tgt Ion:

Ion Ratio

95 100

174 71.

175 5.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022

