

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112321\
 Data File : VL038124.D
 Acq On : 24 Nov 2021 7:16
 Operator : SY/AP
 Sample : M4805-11DL 40X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-CURVY-BRIDEDL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/29/2021
 Supervised By :Mahesh Dadoda 11/29/2021

Quant Time: Nov 28 12:09:46 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu Nov 18 13:16:09 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	828078	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	2416973	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.05	117	2135153	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	1629553	10.58	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.60	45	159950m	25.844	ppbv	
15) Acetone	3.85	43	209139	2.913	ppbv	98
19) Isopropyl Alcohol	3.97	45	169967	3.276	ppbv #	88
52) Tetrachloroethene	11.20	164	3850523	43.163	ppbv	98

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

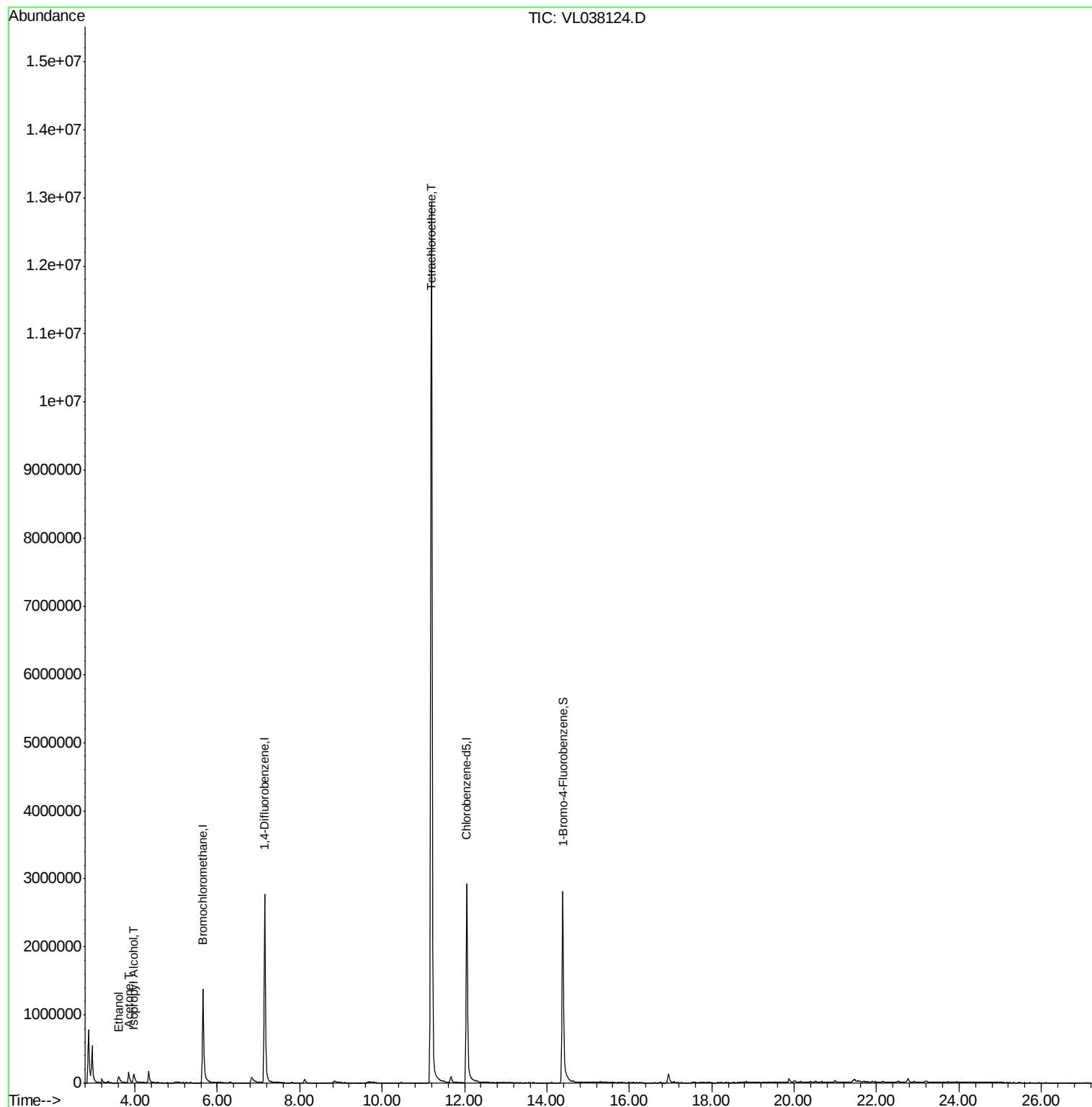
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL112321\
Data File : VL038124.D
Acq On : 24 Nov 2021 7:16
Operator : SY/AP
Sample : M4805-11DL 40X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

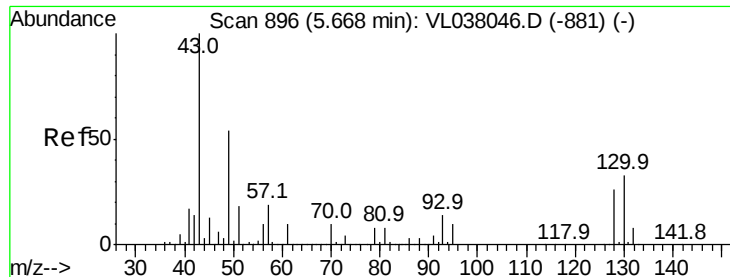
Instrument :
MSVOA_L
ClientSampleId :
SG-CURVY-BRIDEDL

Quant Time: Nov 28 12:09:46 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL111821
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Thu Nov 18 13:16:09 2021
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 Instrument: MSVOA_1

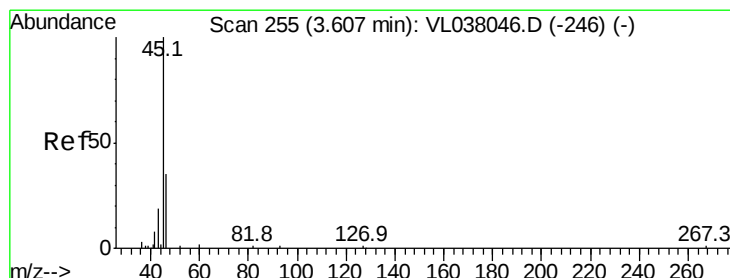
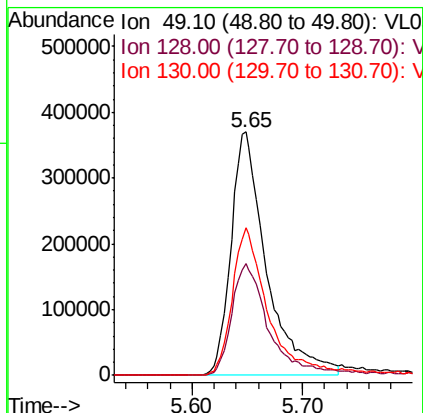
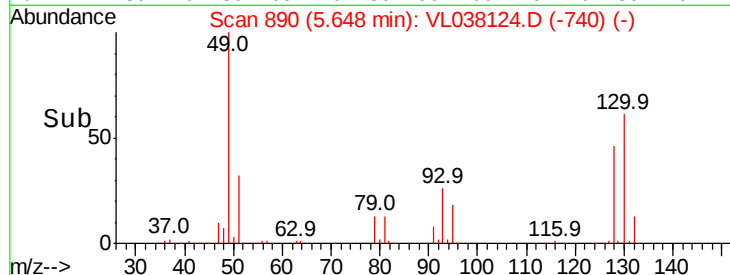
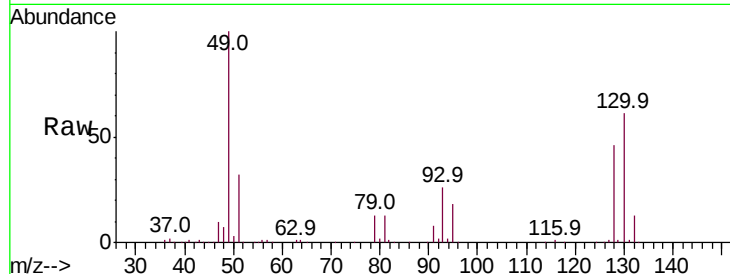
Delta R.T. ClientSampleId:

Lab File: SG-CURVY-BRIDEGL
Acq: 24 Nov 2021 7:10

Tot Ion:
Ion Ratio
49 100
128 49.
130 63.

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#13

Ethanol

Concen: 25.844 ppbv m

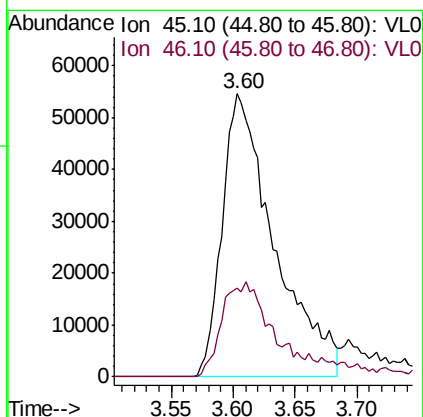
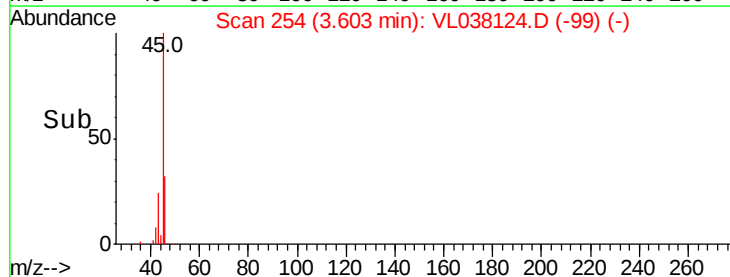
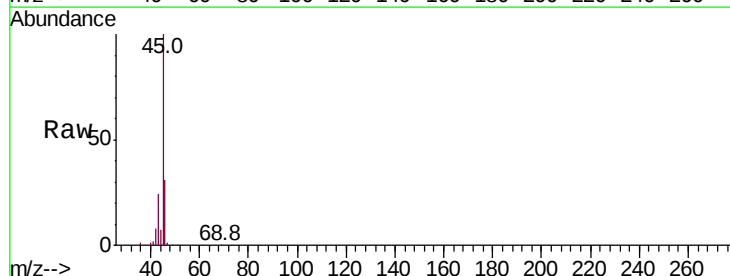
RT: 3.60 min Scan# 254

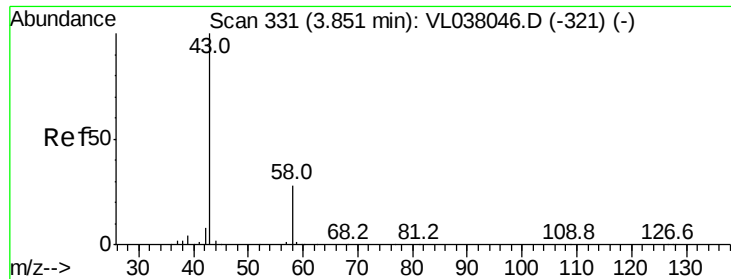
Delta R.T. -0.00 min

Lab File: VL038124.D

Acq: 24 Nov 2021 7:16

Tgt Ion: 45 Resp: 159950
Ion Ratio Lower Upper
45 100
46 38.1 17.6 70.2





#15

Acetone

Concen: 2.913 ppbv

RT: 3.85

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Nov 2021 7:10

Tot Ion:

Ion Ratio

43 100

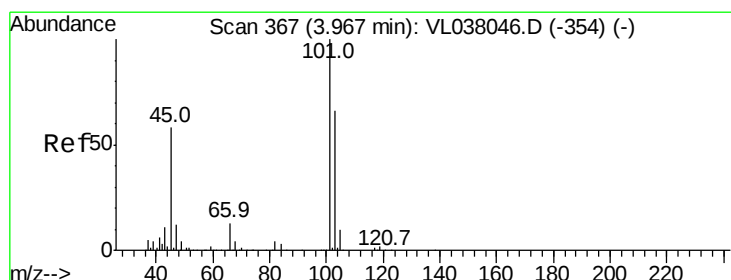
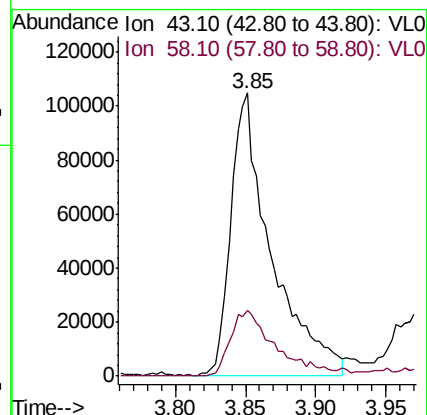
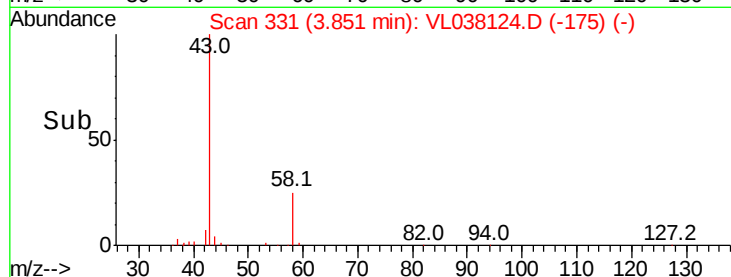
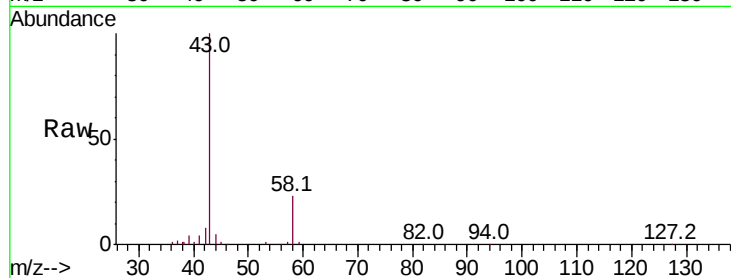
58 27.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/29/2021

Supervised By :Mahesh Dadoda 11/29/2021



#19

Isopropyl Alcohol

Concen: 3.276 ppbv

RT: 3.97 min Scan# 369

Delta R.T. 0.01 min

Lab File: VL038124.D

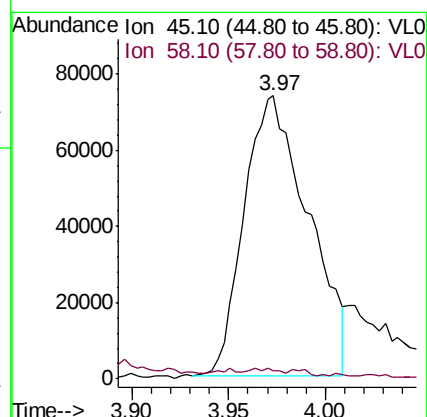
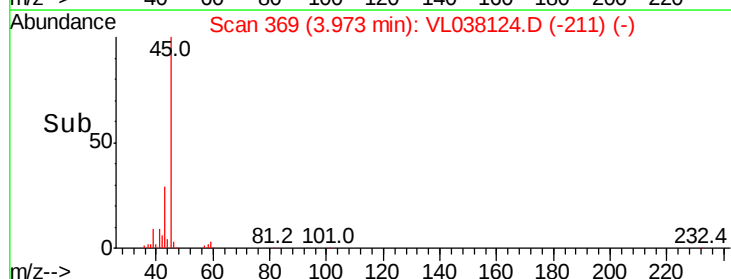
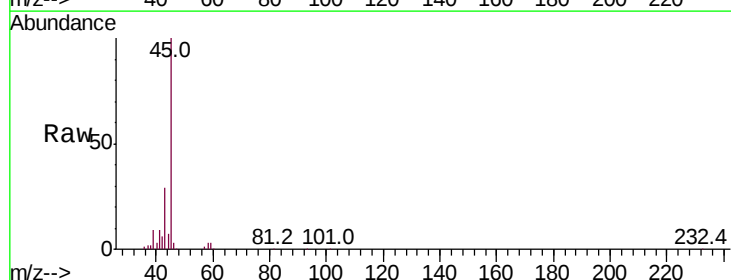
Acq: 24 Nov 2021 7:16

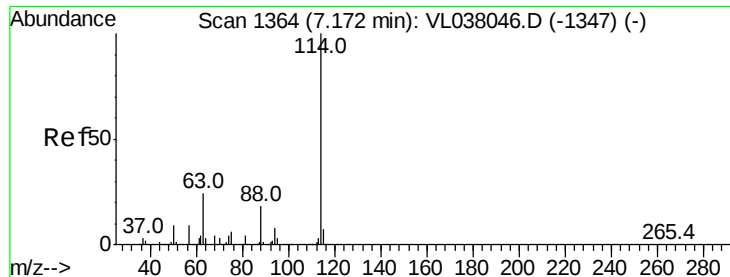
Tgt Ion: 45 Resp: 169967

Ion Ratio Lower Upper

45 100

58 6.0 1.4 2.0#



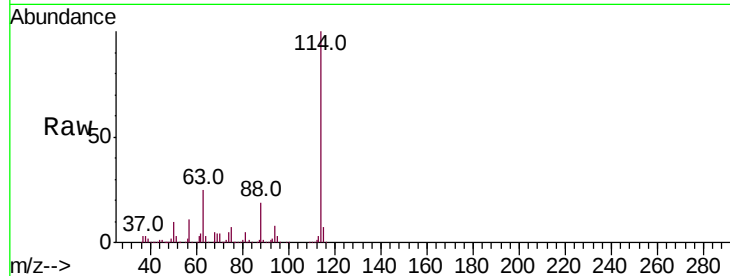


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 24 Nov 2021 7:16

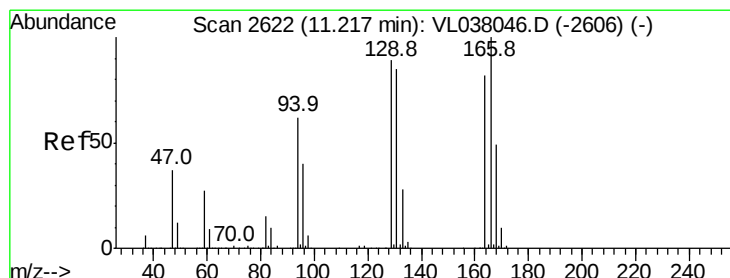
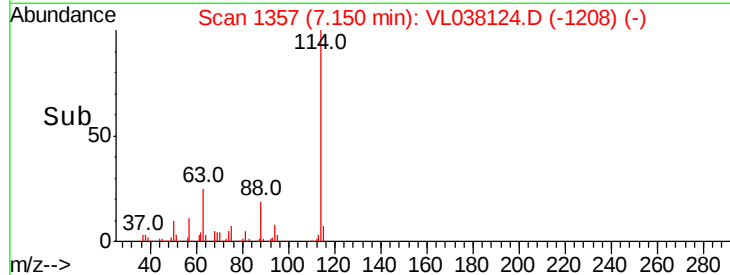
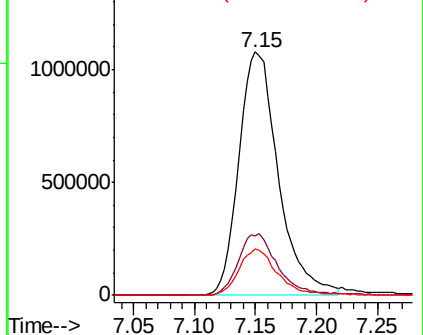
Tot Ion:1
 Ion Rati
 114 100
 63 25.
 88 18.

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/29/2021
 Supervised By :Mahesh Dadoda 11/29/2021



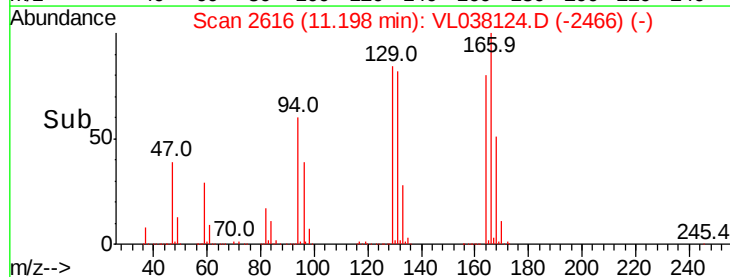
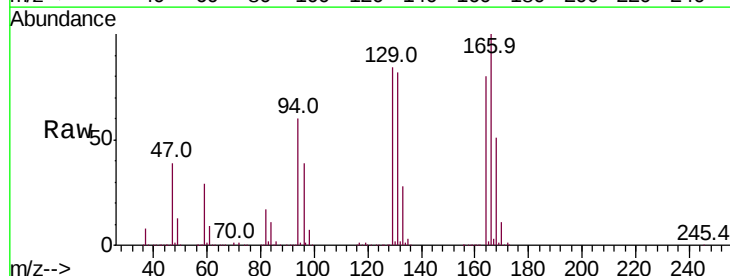
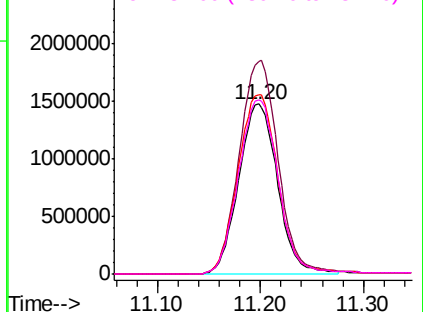
Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

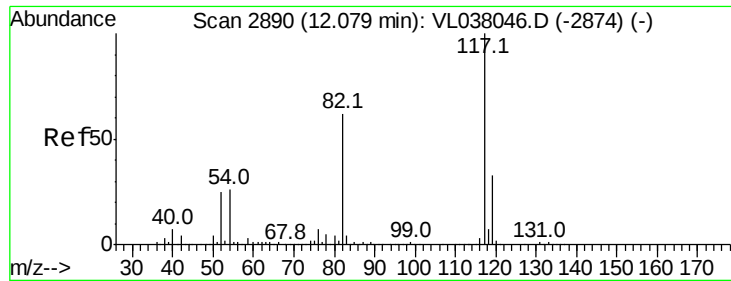


#52
 Tetrachloroethene
 Concen: 43.163 ppbv
 RT: 11.20 min Scan# 2616
 Delta R.T. -0.02 min
 Lab File: VL038124.D
 Acq: 24 Nov 2021 7:16

Tgt Ion:164 Resp: 3850523
 Ion Ratio Lower Upper
 164 100
 166 125.3 97.2 145.8
 129 105.4 86.9 130.3
 131 102.6 82.8 124.2

Abundance Ion 163.90 (163.60 to 164.60): V
 Ion 165.90 (165.60 to 166.60): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 131.00 (130.70 to 131.70): V



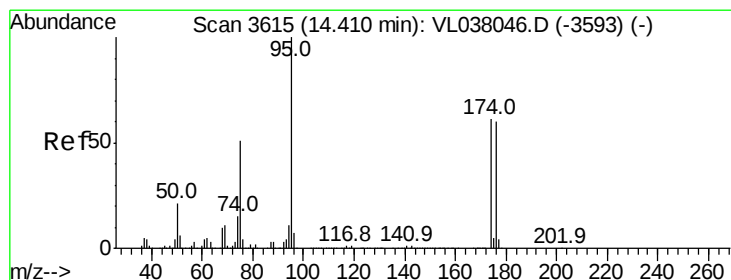
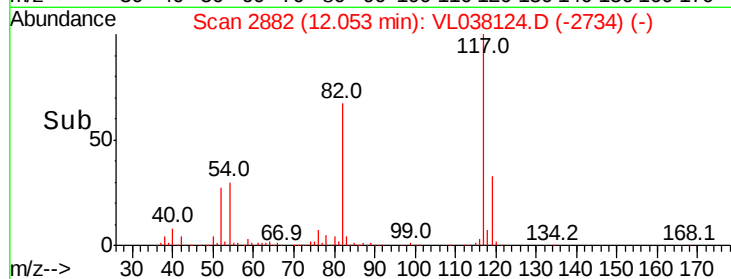
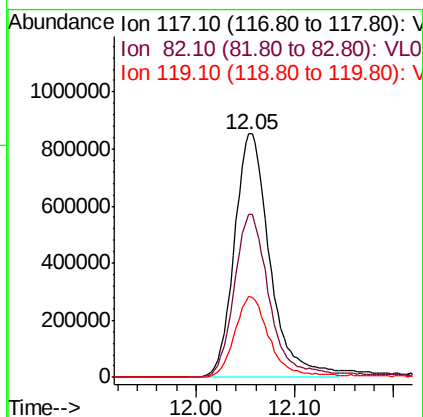
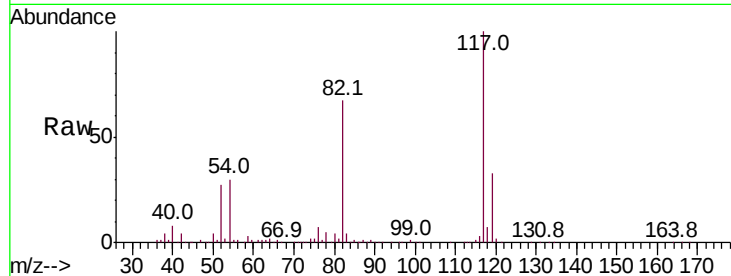


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.05 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
SG-CURVY-BRIDEGL
Acq: 24 Nov 2021 7:10

Tot Ion:1
Ion Rati
117 100
82 70.
119 34.

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#68
1-Bromo-4-Fluorobenzene
Concen: 10.581 ppbv
RT: 14.38 min Scan# 3607
Delta R.T. -0.03 min
Lab File: VL038124.D
Acq: 24 Nov 2021 7:16

Tgt Ion: 95 Resp: 1629553
Ion Ratio Lower Upper
95 100
174 64.3 53.1 79.7
175 4.6 4.0 6.0

