

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112321\
 Data File : VL038125.D
 Acq On : 24 Nov 2021 7:54
 Operator : SY/AP
 Sample : M4805-11DL2 100X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-CURVY-BRIDE DL2

Manual Integrations
 APPROVED

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

Quant Time: Nov 28 12:11:16 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	825226	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	2378576	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.05	117	2044837	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	1595931	10.82	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.62	45	59517m	9.650	ppbv	
15) Acetone	3.86	43	91496m	1.279	ppbv	
19) Isopropyl Alcohol	3.98	45	71403	1.381	ppbv #	86
52) Tetrachloroethene	11.19	164	1906865	21.720	ppbv	99

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

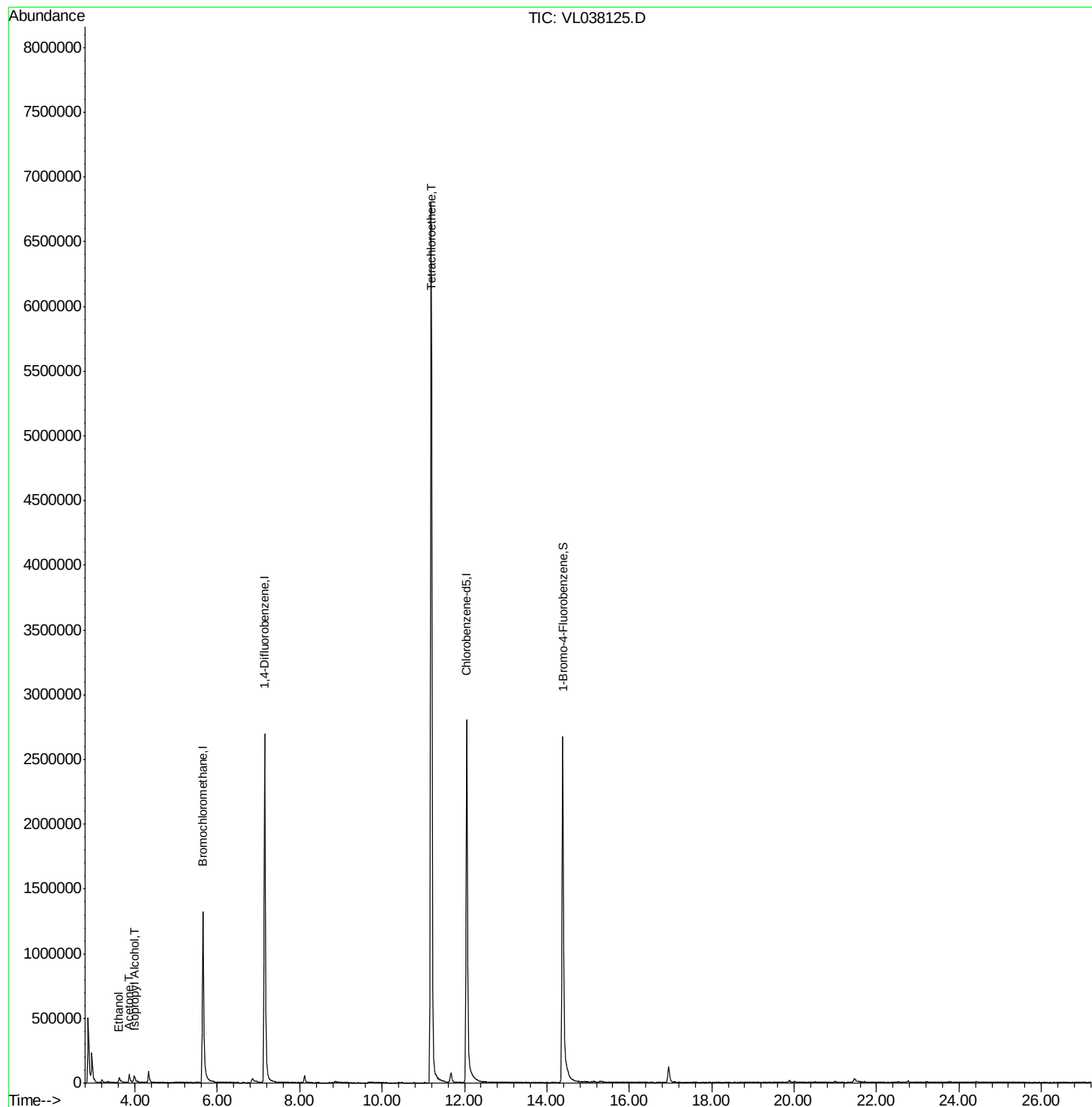
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL112321\
Data File : VL038125.D
Acq On : 24 Nov 2021 7:54
Operator : SY/AP
Sample : M4805-11DL2 100X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

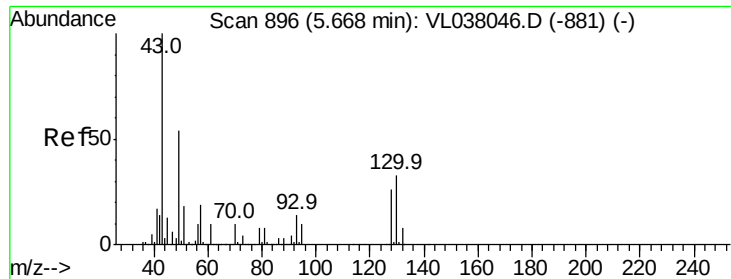
Instrument :
MSVOA_L
ClientSampleId :
SG-CURVY-BRIDE DL2

Manual Integrations
APPROVED

Quant Time: Nov 28 12:11:16 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

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. 0.01

Lab File: ClientSampleId: SG-CURVY-BRIDE12

Acq: 24 Nov 2021 7:54

Tot Ion:

Ion Ratio

49 100

128 49.

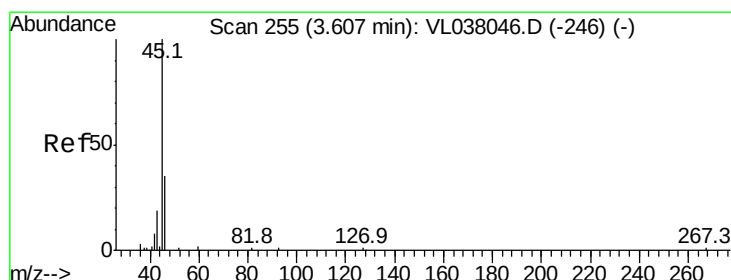
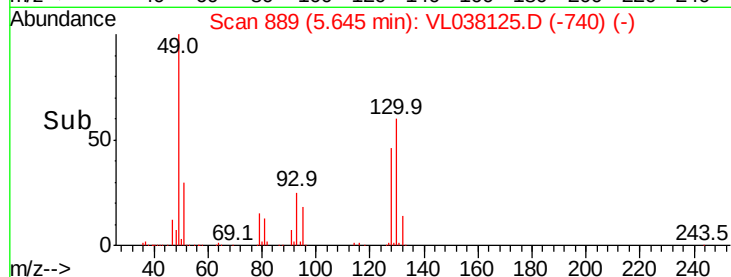
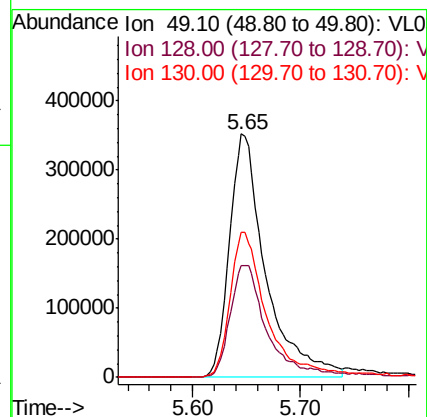
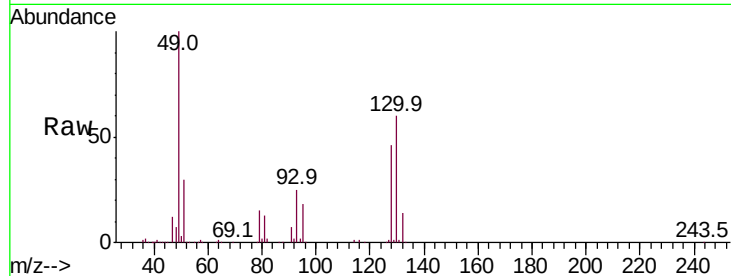
130 63.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/29/2021

Supervised By :Mahesh Dadoda 11/29/2021



#13

Ethanol

Concen: 9.650 ppbv m

RT: 3.62 min Scan# 258

Delta R.T. 0.01 min

Lab File: VL038125.D

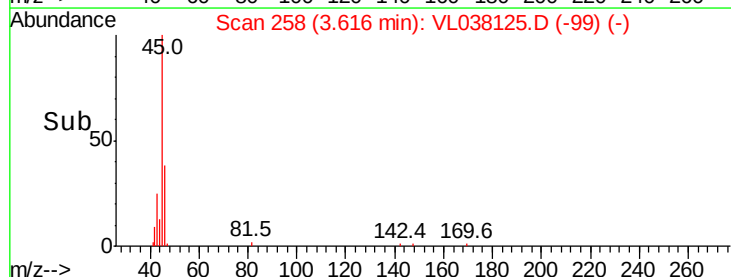
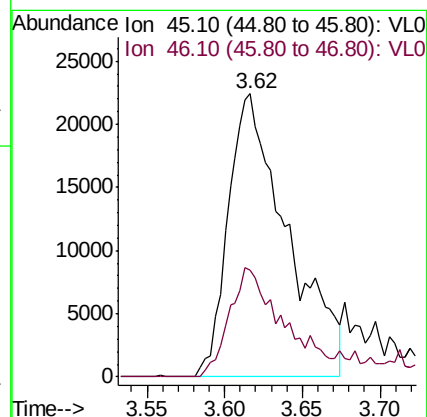
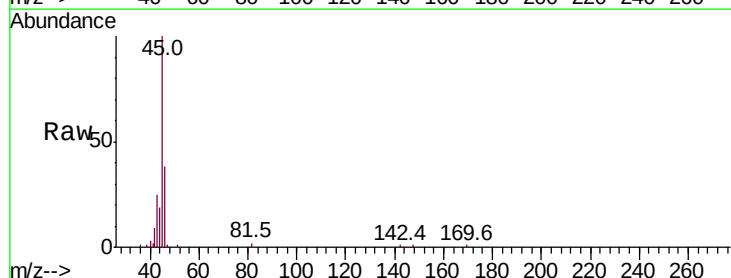
Acq: 24 Nov 2021 7:54

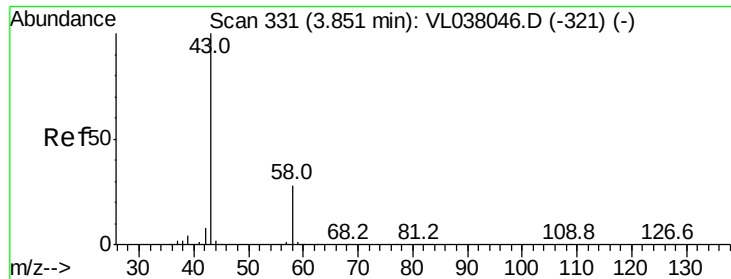
Tgt Ion: 45 Resp: 59517

Ion Ratio Lower Upper

45 100

46 43.7 17.6 70.2





#15

Acetone

Concen: 1.279 ppbv m

RT: 3.86

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Nov 2021 7:54

Tot Ion:

Ion Ratio

43 100

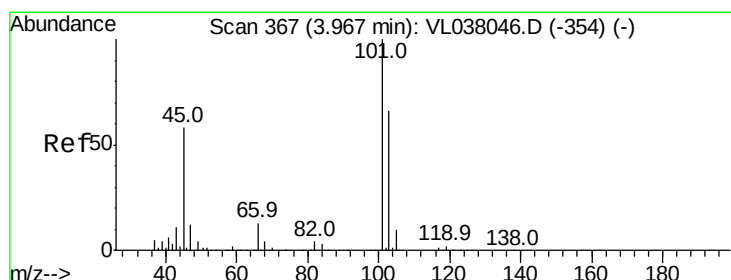
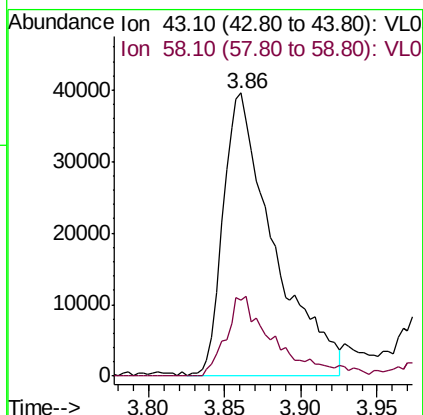
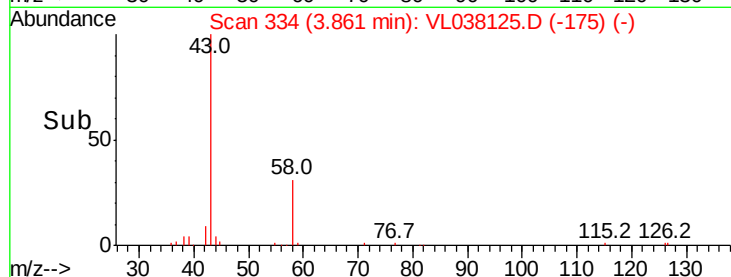
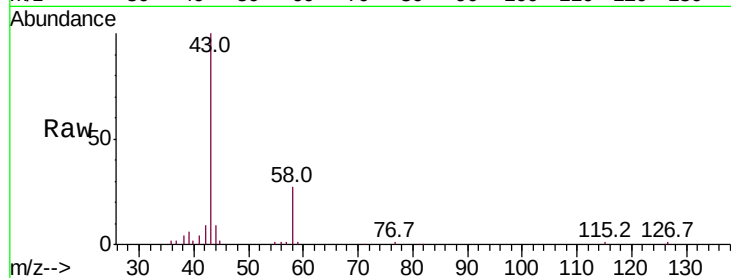
58 27.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/29/2021

Supervised By :Mahesh Dadoda 11/29/2021



#19

Isopropyl Alcohol

Concen: 1.381 ppbv

RT: 3.98 min Scan# 371

Delta R.T. 0.01 min

Lab File: VL038125.D

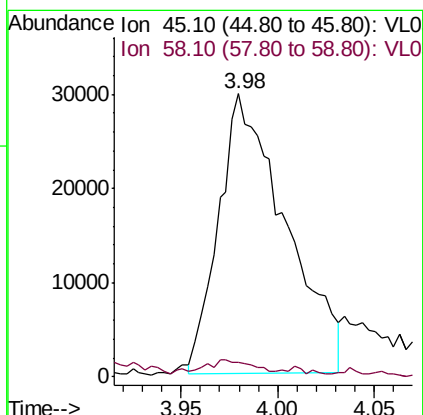
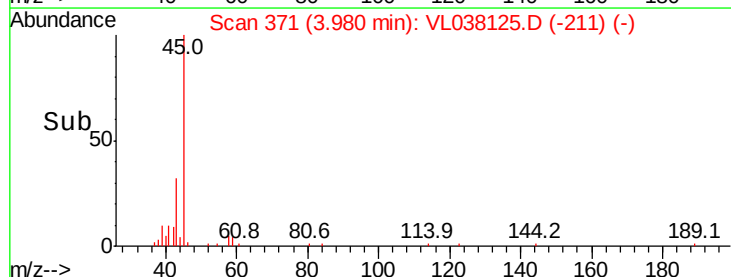
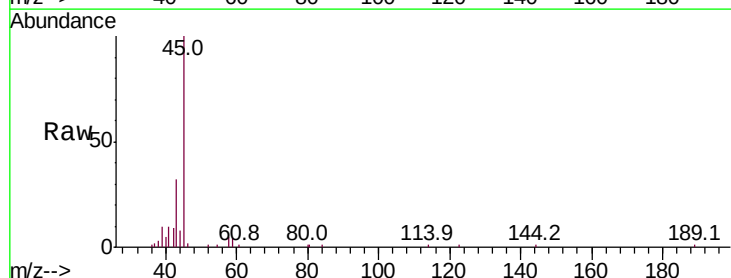
Acq: 24 Nov 2021 7:54

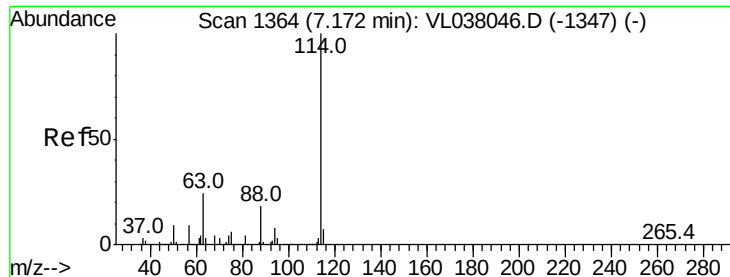
Tgt Ion: 45 Resp: 71403

Ion Ratio Lower Upper

45 100

58 6.7 1.4 2.0#



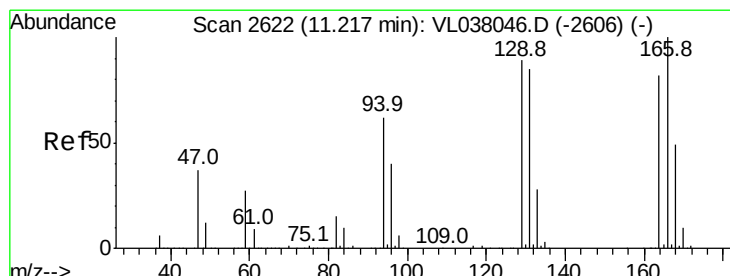
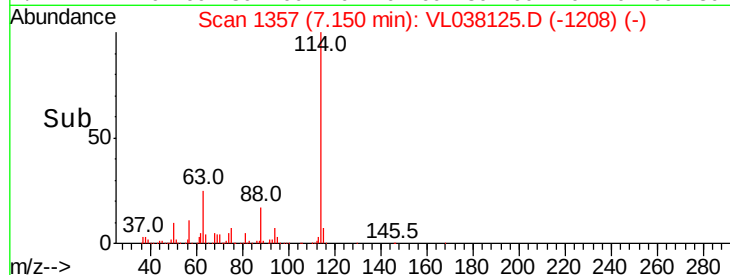
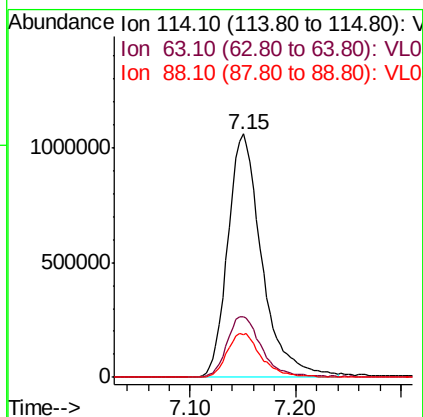
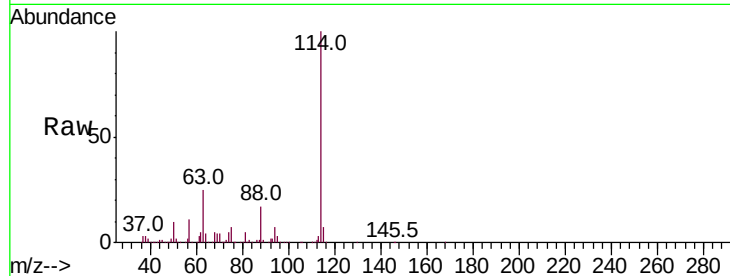


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 24 Nov 2021 7:54

Tot Ion:1
 Ion Rati
 114 100
 63 26.
 88 18.

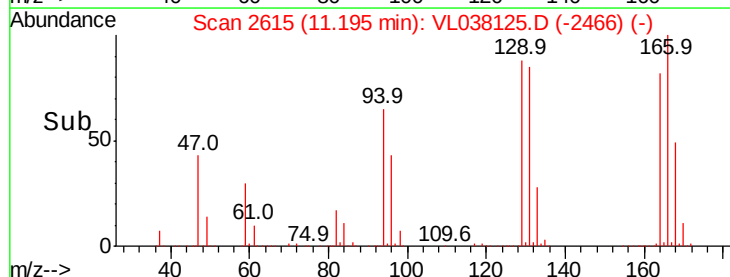
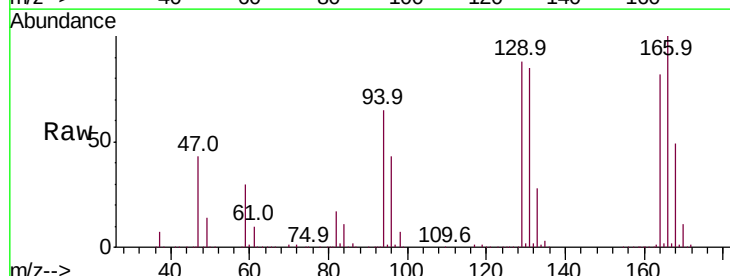
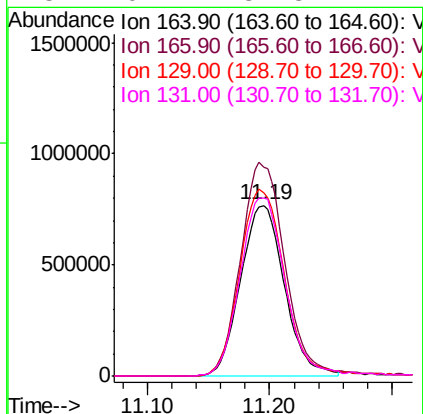
Manual Integrations
 APPROVED

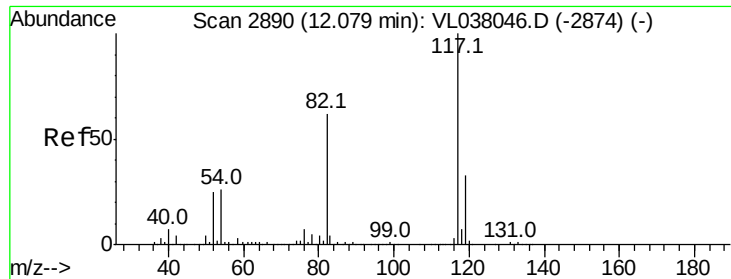
Reviewed By :Semsettin Yesilyurt 11/29/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#52
 Tetrachloroethene
 Concen: 21.720 ppbv
 RT: 11.19 min Scan# 2615
 Delta R.T. -0.02 min
 Lab File: VL038125.D
 Acq: 24 Nov 2021 7:54

Tgt Ion:164 Resp: 1906865
 Ion Ratio Lower Upper
 164 100
 166 122.2 97.2 145.8
 129 107.3 86.9 130.3
 131 104.1 82.8 124.2



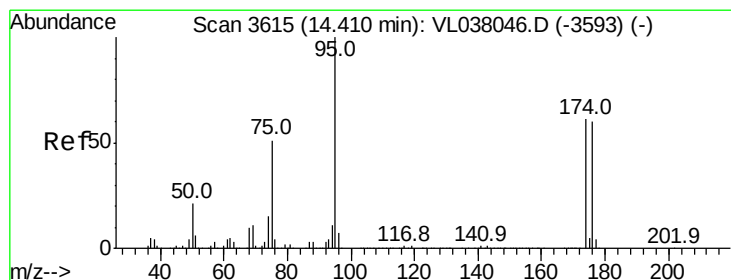
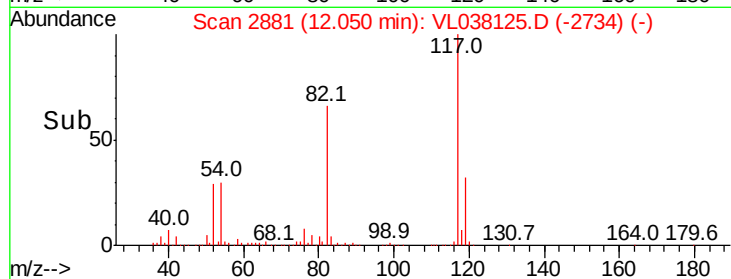
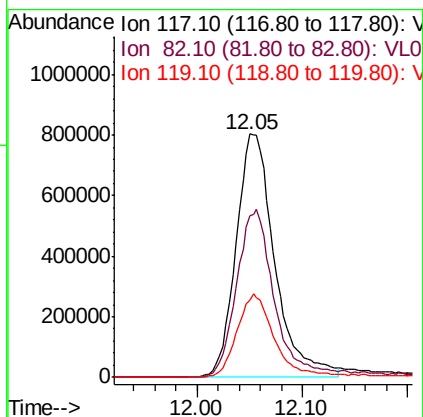
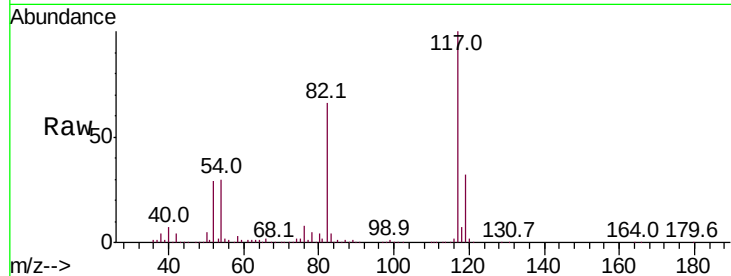


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.05 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
SG-CURVY-BRIDE12
Acq: 24 Nov 2021 7:54

Tot Ion: 1
Ion Ratio
117 100
82 72.
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: 10.820 ppbv
RT: 14.38 min Scan# 3606
Delta R.T.: -0.03 min
Lab File: VL038125.D
Acq: 24 Nov 2021 7:54

Tgt Ion: 95 Resp: 1595931
Ion Ratio Lower Upper
95 100
174 63.0 53.1 79.7
175 4.5 4.0 6.0

