

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012622\
 Data File : VL038294.D
 Acq On : 26 Jan 2022 18:43
 Operator : SY/AP
 Sample : N1268-01DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022
 Supervised By :Mahesh Dadoda 01/28/2022

Quant Time: Jan 27 04:13:48 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL012422A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Mon Jan 24 14:12:48 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	814209	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.14	114	2050427	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.05	117	1736063	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	1281940	9.73	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.30%

Target Compounds					Ovalue
13) Ethanol	3.60	45	16976m	2.997	ppbv
15) Acetone	3.85	43	35916m	0.500	ppbv
19) Isopropyl Alcohol	3.98	45	6383m	0.142	ppbv

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

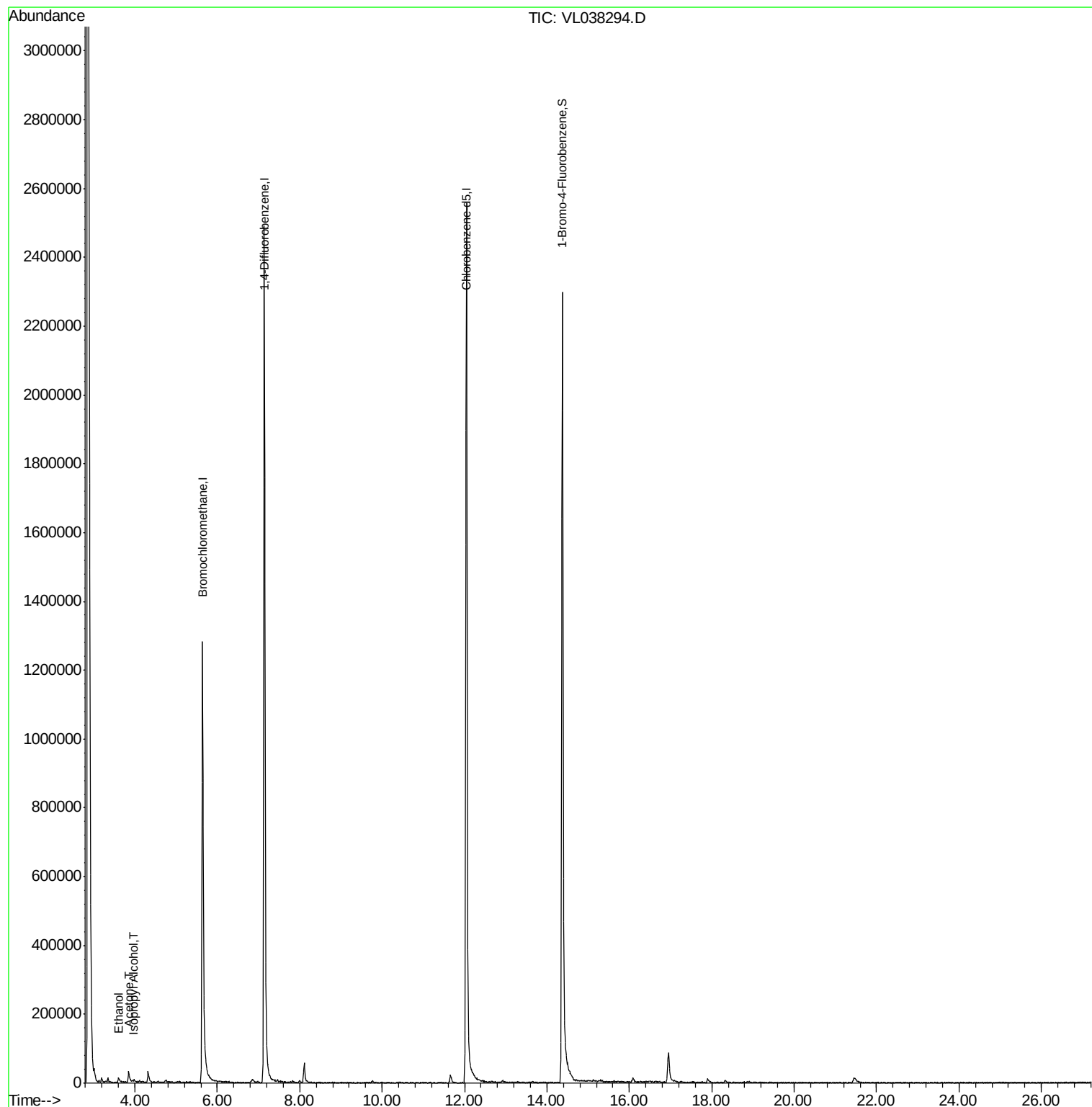
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL012622\
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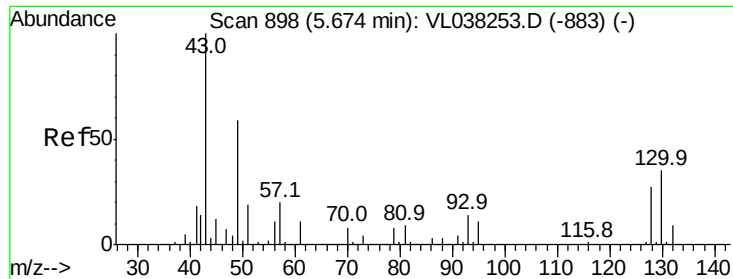
Instrument :
MSVOA_L
ClientSampleId :
IA-1DL

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 26 Jan 2022 18:43

Tot Ion:

Ion Ratio

49 100

128 45.

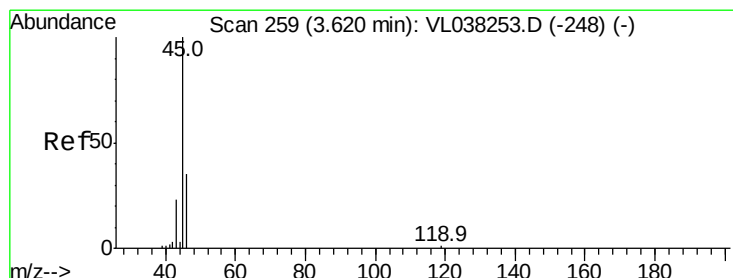
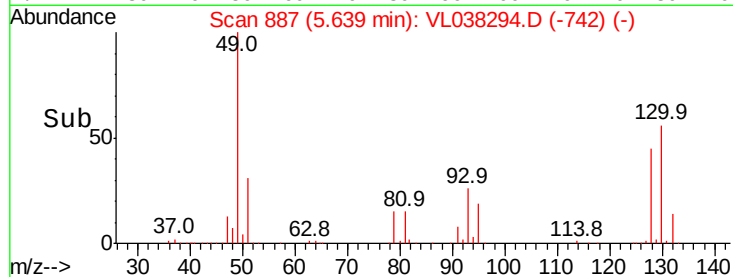
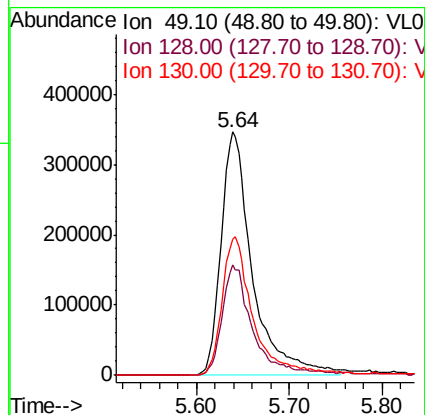
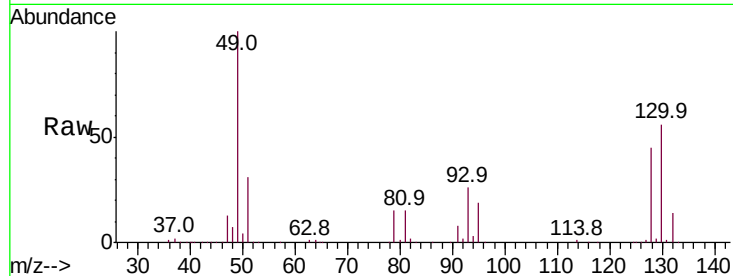
130 56.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022

Supervised By :Mahesh Dadoda 01/28/2022



#13

Ethanol

Concen: 2.997 ppbv m

RT: 3.60 min Scan# 254

Delta R.T. -0.02 min

Lab File: VL038294.D

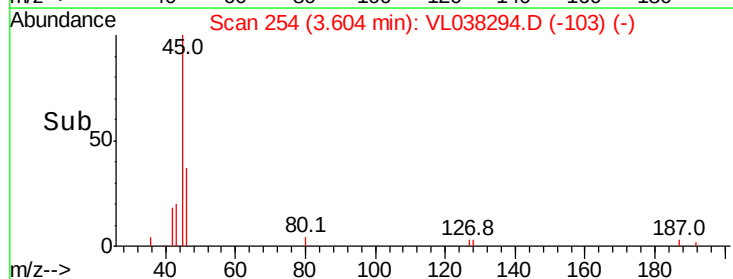
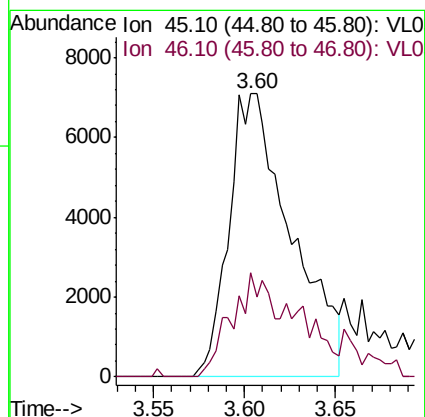
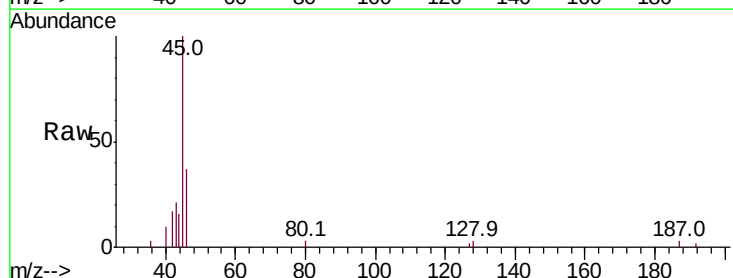
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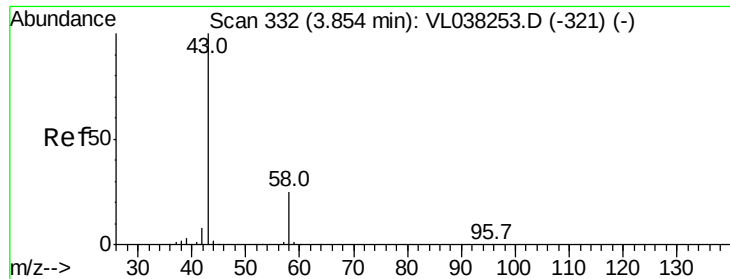
Tgt Ion: 45 Resp: 16976

Ion Ratio Lower Upper

45 100

46 0.0 15.4 61.6#





#15

Acetone

Concen: 0.500 ppbv m

RT: 3.85 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 26 Jan 2022 18:43

Tot Ion:

Ion Ratio

43 100

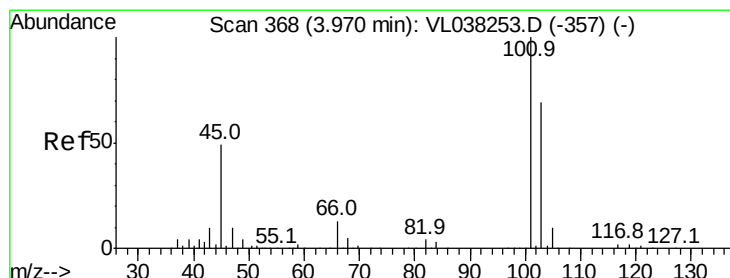
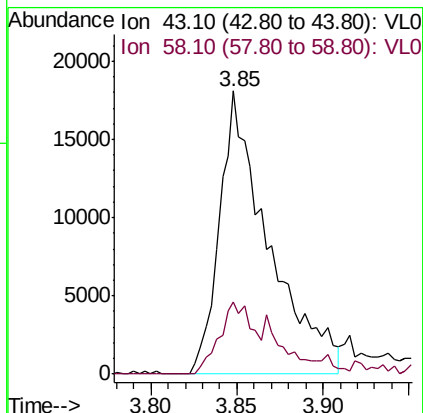
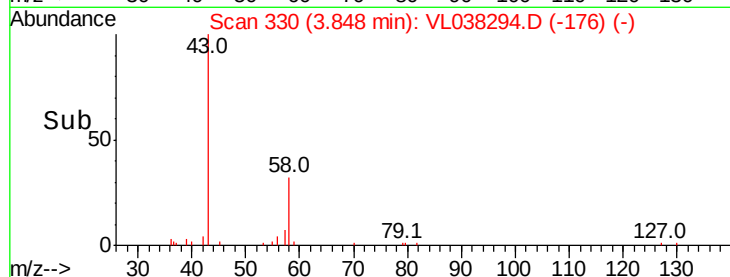
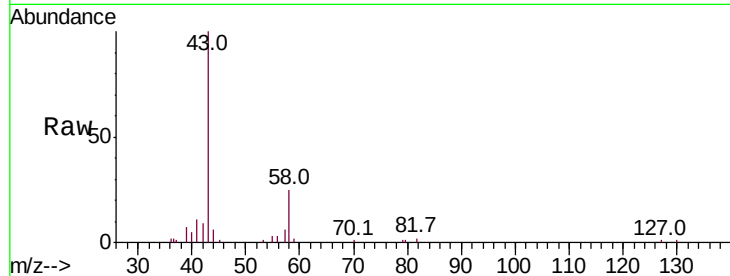
58 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022

Supervised By :Mahesh Dadoda 01/28/2022



#19

Isopropyl Alcohol

Concen: 0.142 ppbv m

RT: 3.98 min Scan# 371

Delta R.T. 0.01 min

Lab File: VL038294.D

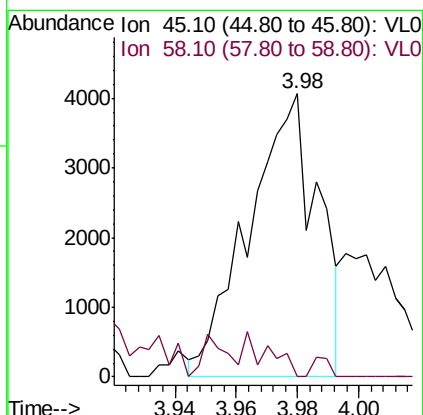
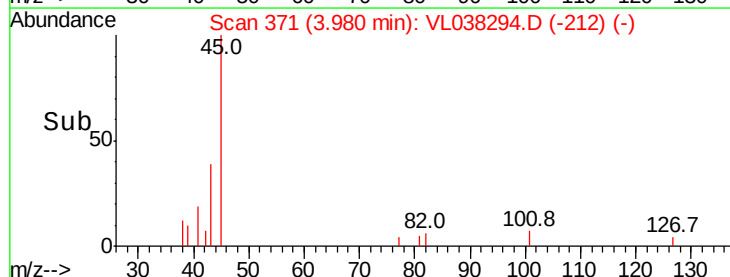
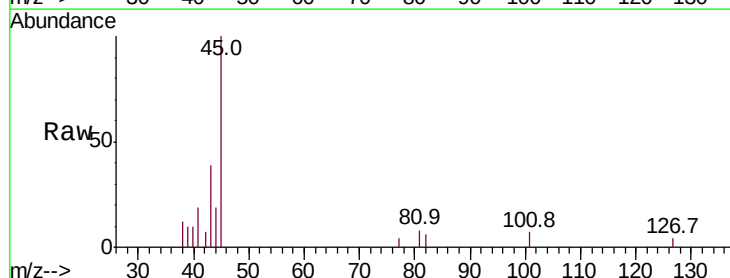
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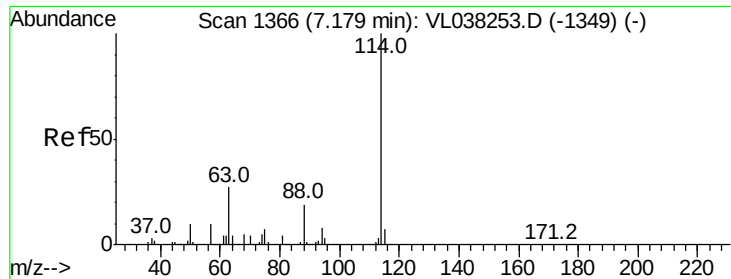
Tgt Ion: 45 Resp: 6383

Ion Ratio Lower Upper

45 100

58 0.0 2.3 3.5#



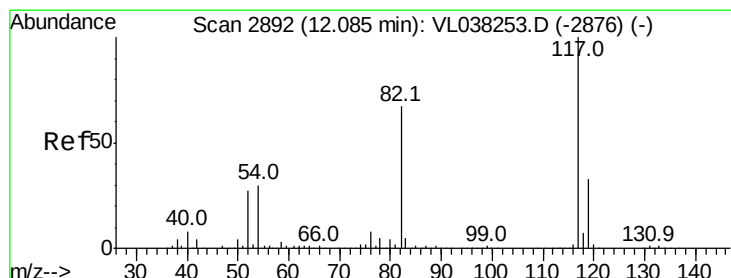
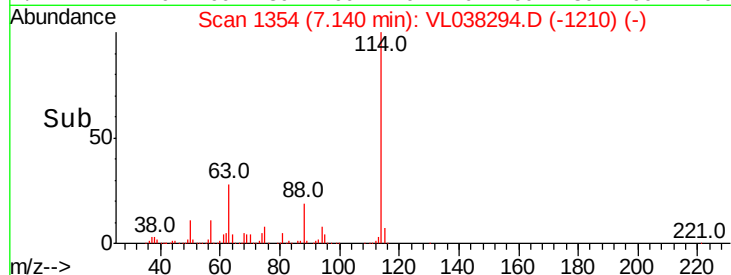
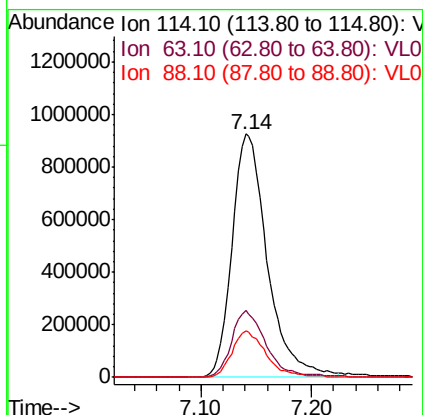
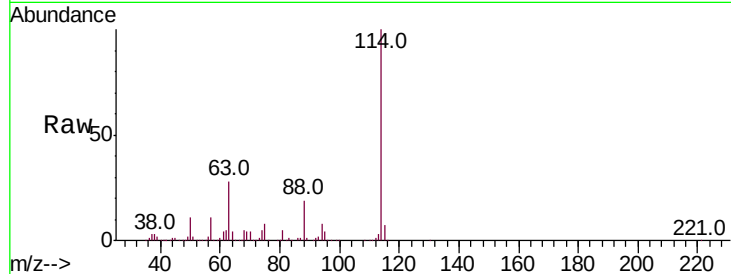


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.14
 Instrument : MSVOA_1
 Delta R.T.:
 Lab File: ClientSampled :
 Acq: 26 Jan 2022 18:43

Tot Ion:1
 Ion Rati
 114 100
 63 27.
 88 18.

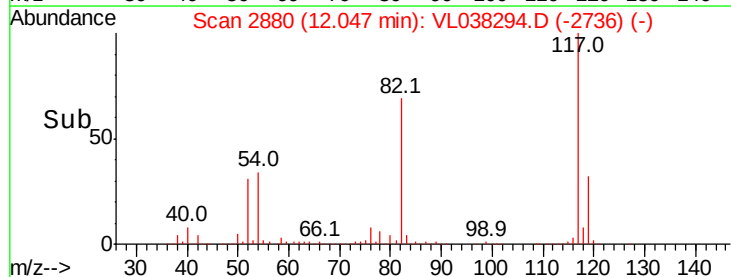
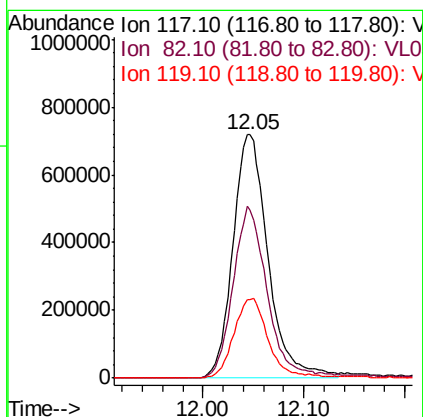
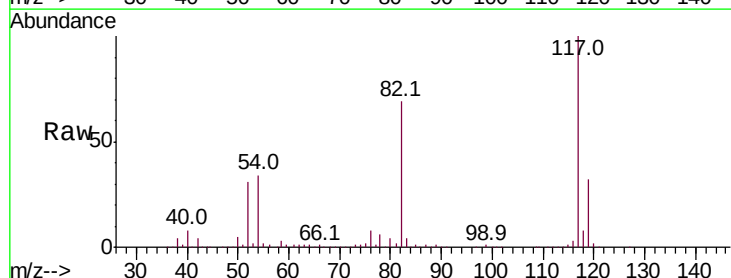
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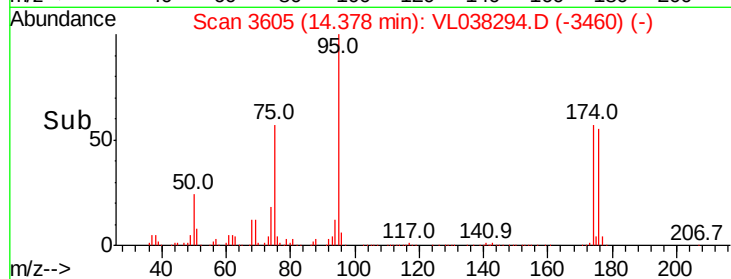
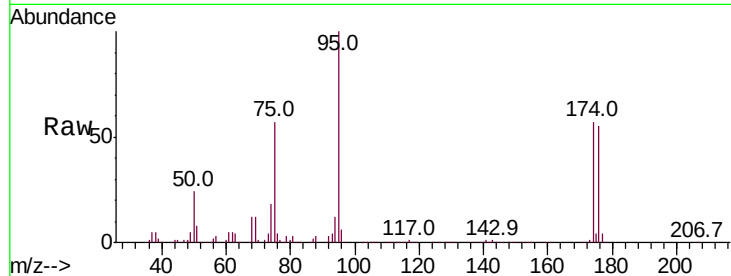
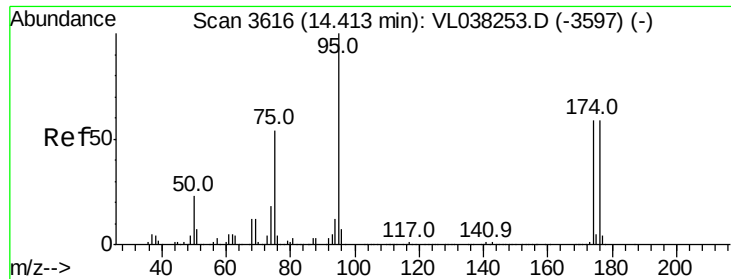
Reviewed By :Semsettin Yesilyurt 01/27/2022
 Supervised By :Mahesh Dadoda 01/28/2022



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.05 min Scan# 2880
 Delta R.T. -0.04 min
 Lab File: VL038294.D
 Acq: 26 Jan 2022 18:43

Tgt Ion:117 Resp: 1736063
 Ion Ratio Lower Upper
 117 100
 82 71.2 54.4 81.6
 119 33.1 45.9 68.9#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.729 ppbv

RT: 14.38

Delta R.T: MSVOA_L

Lab File: ClientSampleId :

Acq: 26 Jan 2022 16:43

Tot Ion:

Ion Ratio

95 100

174 61.

175 4.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022

Supervised By :Mahesh Dadoda 01/28/2022

