

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL102721\
 Data File : VL037914.D
 Acq On : 27 Oct 2021 13:19
 Operator : SY/AP
 Sample : M4377-02DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VMP-5-IMPLANTDL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/28/2021
 Supervised By : Mahesh Dadoda 10/29/2021

Quant Time: Oct 28 12:50:04 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL100421A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Mon Oct 04 17:43:54 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	1402056	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.20	114	4141387	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.11	117	3519400	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2364730	9.61	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.10%

Target Compounds					Ovalue
13) Ethanol	3.63	45	290904m	35.886	ppbv
15) Acetone	3.88	43	257675m	2.047	ppbv
19) Isopropyl Alcohol	3.99	45	226809m	2.897	ppbv

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

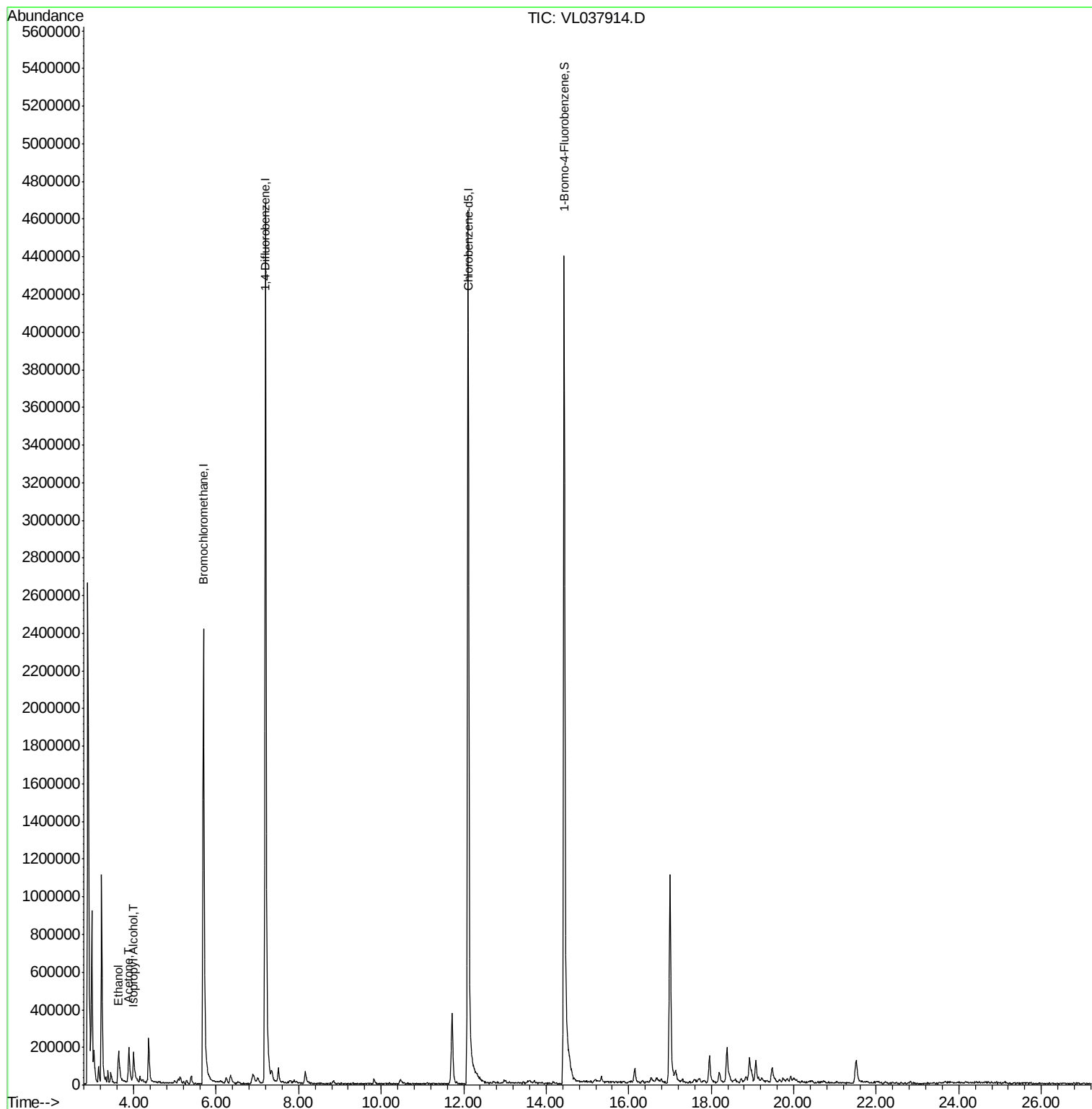
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Data File : VL037914.D
Acq On : 27 Oct 2021 13:19
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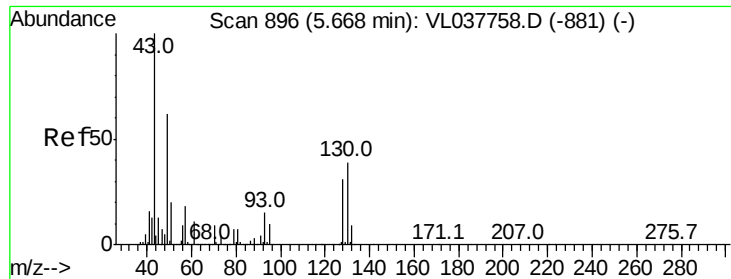
Instrument :
MSVOA_L
ClientSampleId :
VMP-5-IMPLANTDL

Manual Integrations
APPROVED

Quant Time: Oct 28 12:50:04 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL100421
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Oct 2021 13:19 VMP-5-IMPLANTDL

Tot Ion:

Ion Ratio

49 100

128 52.

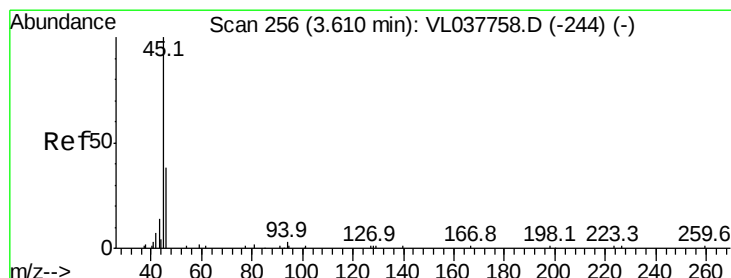
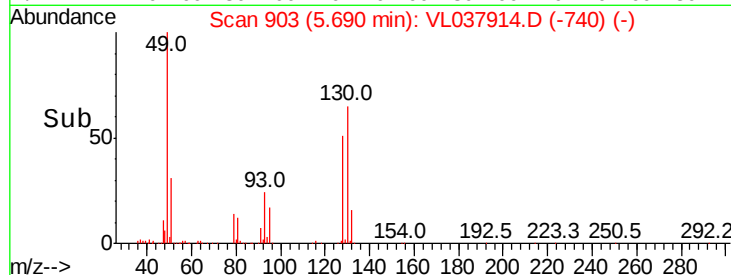
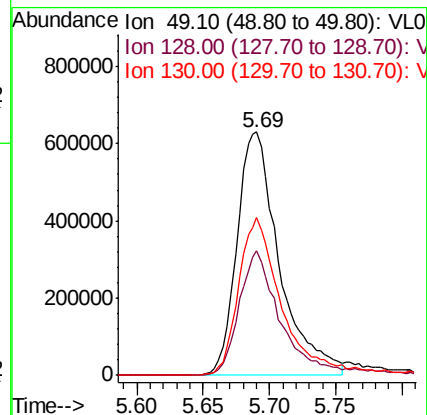
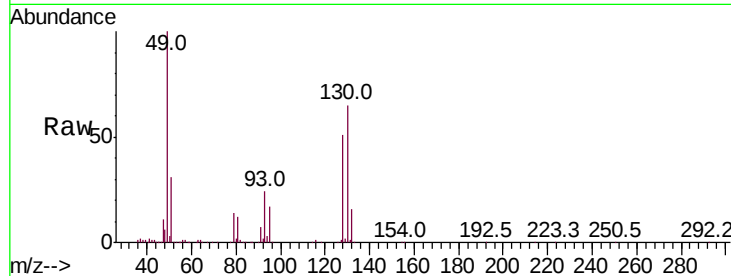
130 67.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/28/2021

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#13

Ethanol

Concen: 35.886 ppbv m

RT: 3.63 min Scan# 262

Delta R.T. 0.02 min

Lab File: VL037914.D

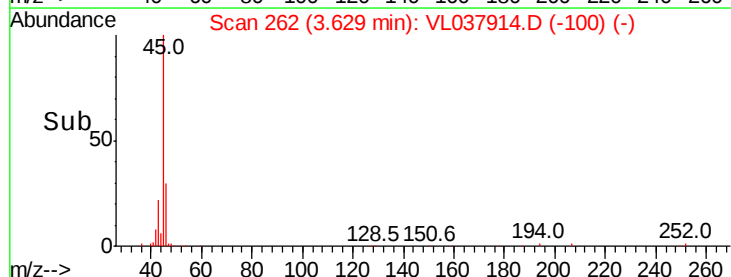
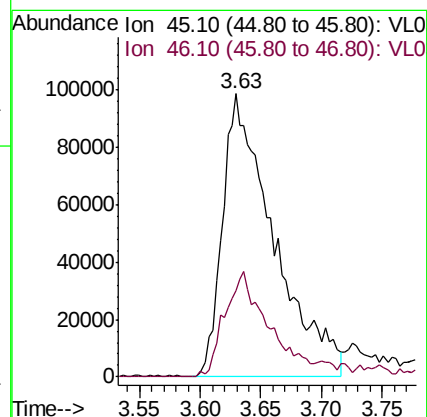
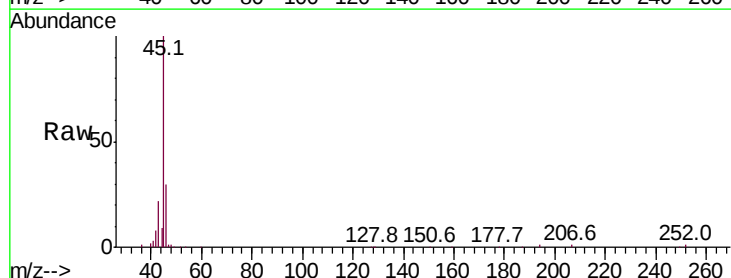
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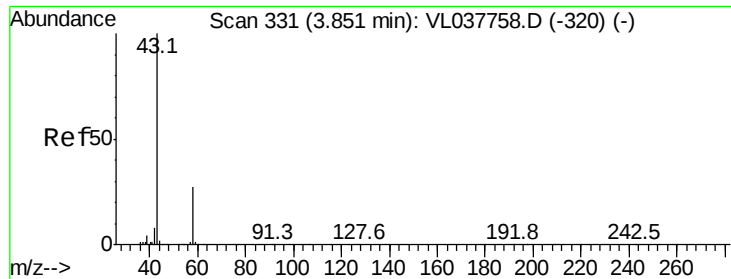
Tgt Ion: 45 Resp: 290904

Ion Ratio Lower Upper

45 100

46 37.1 20.2 81.0



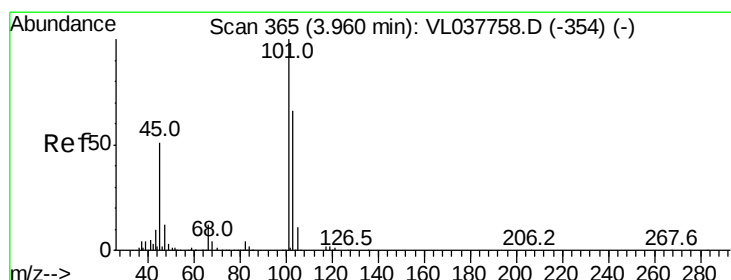
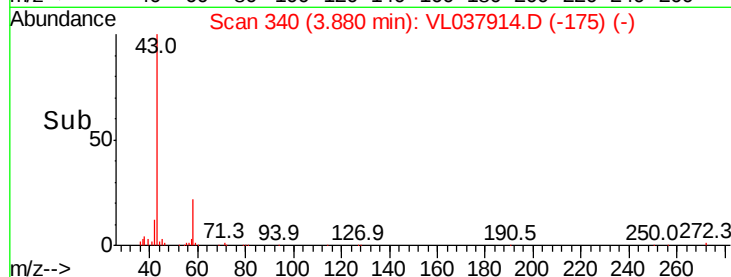
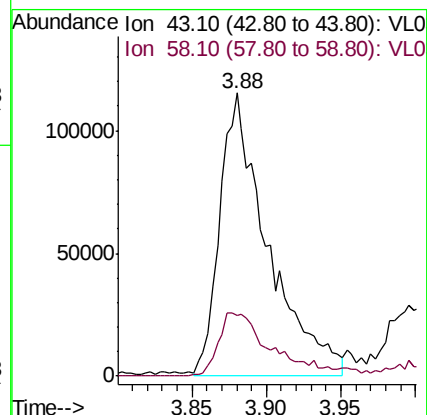
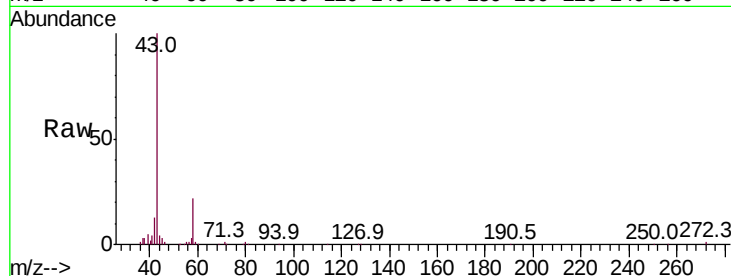


#15
Acetone
Concen: 2.047 ppbv m
RT: 3.88
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 27 Oct 2021 13:19

Tot Ion:
Ion Ratio
43 100
58 25.

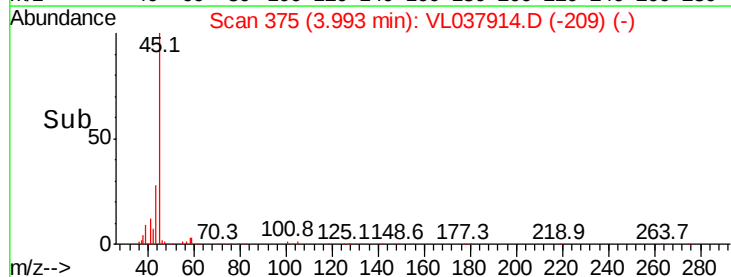
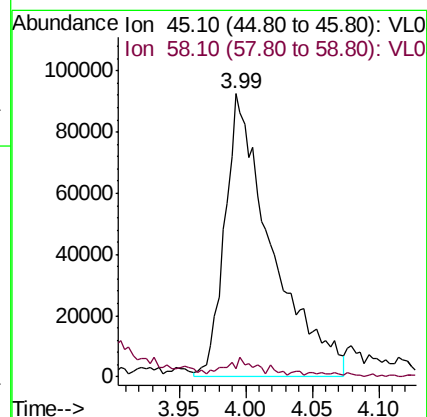
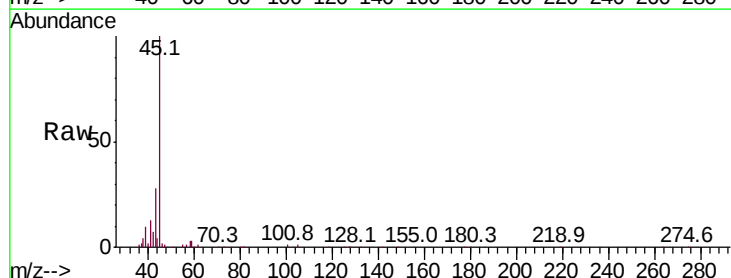
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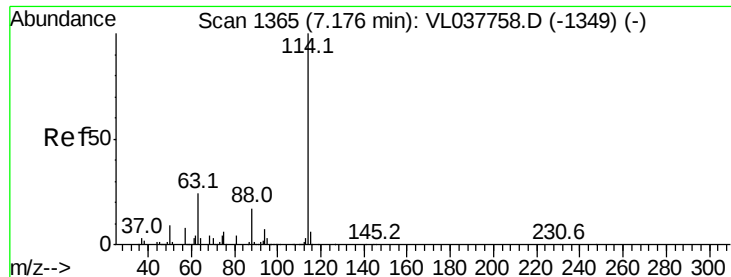
Reviewed By :Semsettin Yesilyurt 10/28/2021
Supervised By :Mahesh Dadoda 10/29/2021



#19
Isopropyl Alcohol
Concen: 2.897 ppbv m
RT: 3.99 min Scan# 375
Delta R.T. 0.03 min
Lab File: VL037914.D
Acq: 27 Oct 2021 13:19

Tgt Ion: 45 Resp: 226809
Ion Ratio Lower Upper
45 100
58 5.3 1.1 1.7#



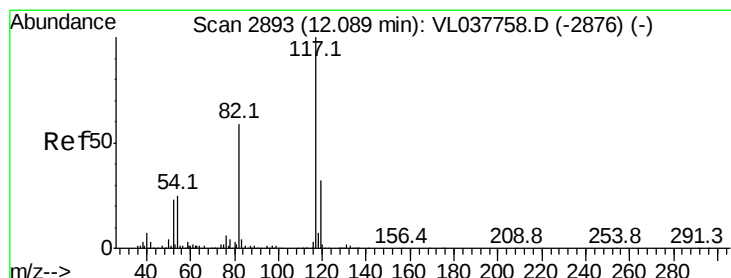
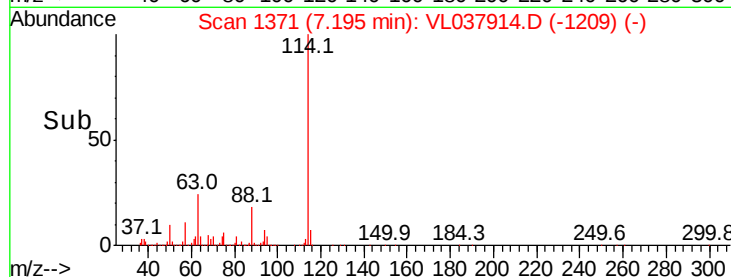
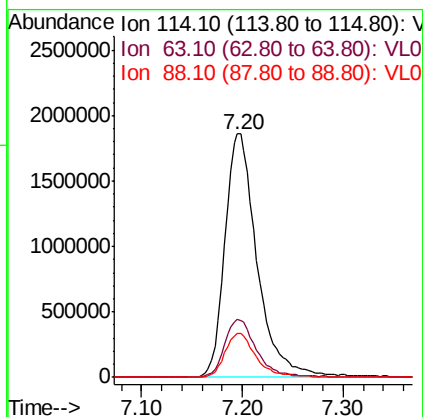
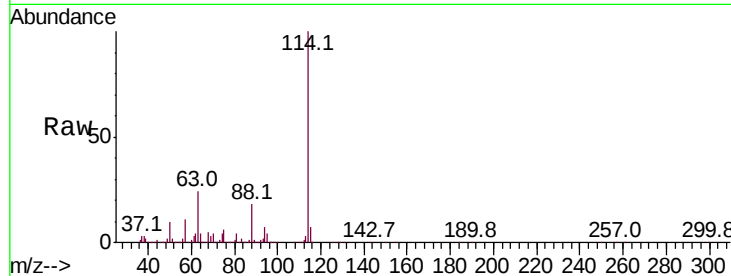


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.20
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VMP-5-IMPLANTDL
 Acq: 27 Oct 2021 13:19

Tot Ion:1
 Ion Rati
 114 100
 63 23.
 88 17.

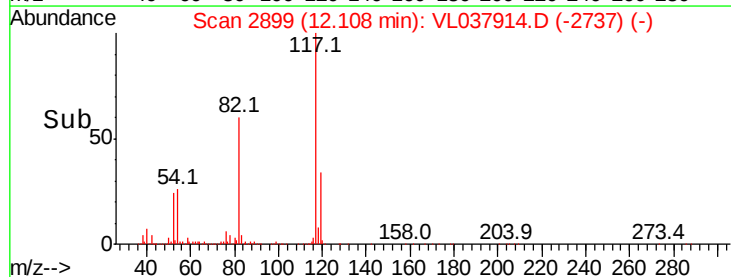
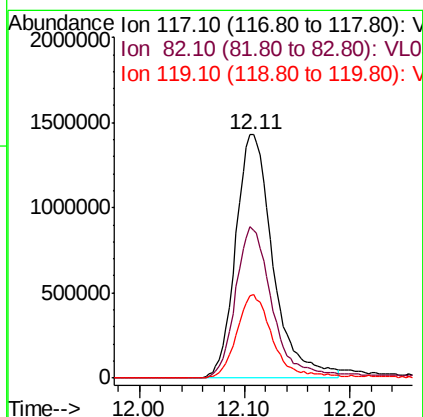
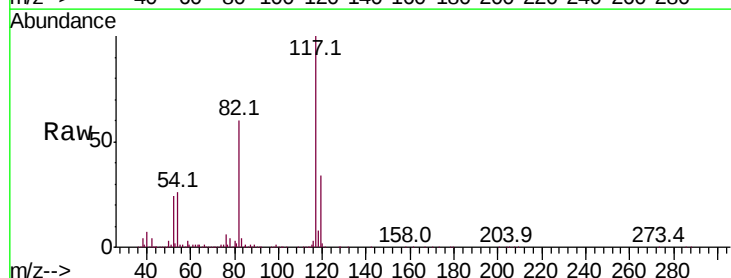
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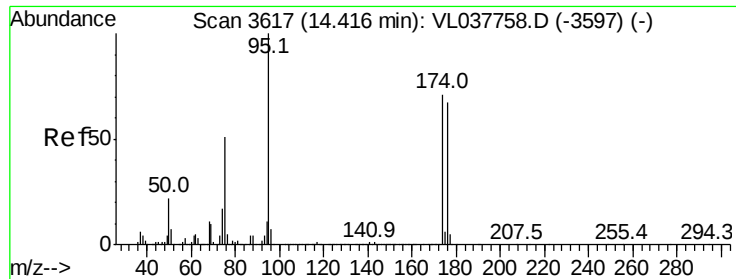
Reviewed By :Semsettin Yesilyurt 10/28/2021
 Supervised By :Mahesh Dadoda 10/29/2021



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.11 min Scan# 2899
 Delta R.T.: 0.02 min
 Lab File: VL037914.D
 Acq: 27 Oct 2021 13:19

Tgt Ion:117 Resp: 3519400
 Ion Ratio Lower Upper
 117 100
 82 63.5 52.2 78.2
 119 34.2 26.0 39.0





#68

1-Bromo-4-Fluorobenzene

Concen: 9.608 ppbv

RT: 14.44

Delta R.T

Lab File: ClientSampleId :

Acq: 27 Oct 2021 15:19

Tot Ion:

Ion Ratio

95 100

174 75.

175 5.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/28/2021

Supervised By :Mahesh Dadoda 10/29/2021

