

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL102721\
 Data File : VL037916.D
 Acq On : 27 Oct 2021 14:56
 Operator : SY/AP
 Sample : M4377-02 40X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VMP-5-IMPLANT

Manual Integrations
 APPROVED

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

Quant Time: Oct 28 06:41:19 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	5.68	49	1460122	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.19	114	4195785	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.10	117	3546220	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2405931	9.70	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.00%

Target Compounds					Ovalue
13) Ethanol	3.64	45	86282m	10.220	ppbv
15) Acetone	3.89	43	66564m	0.508	ppbv
19) Isopropyl Alcohol	4.01	45	59015m	0.724	ppbv
20) Methylene Chloride	4.37	84	50539m	0.763	ppbv

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

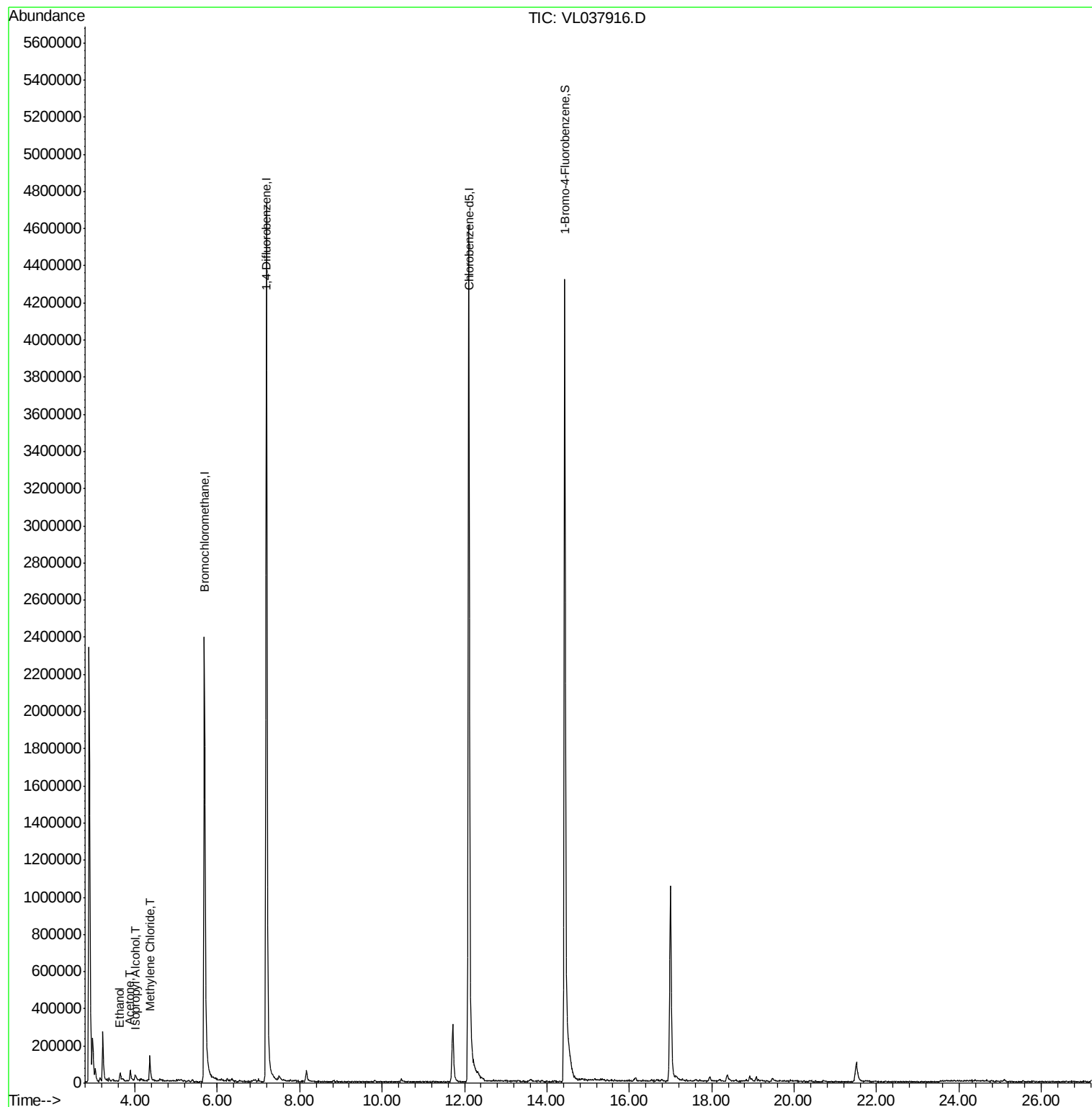
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Data File : VL037916.D
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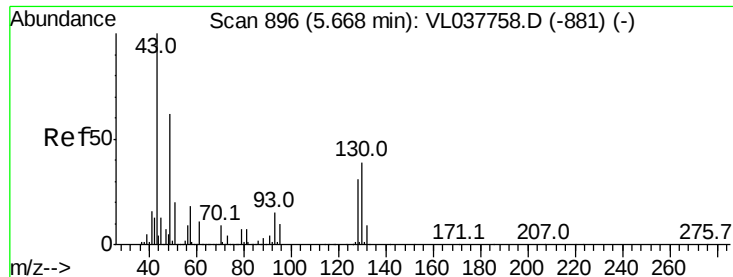
Instrument :
MSVOA_L
ClientSampleId :
VMP-5-IMPLANT

Quant Time: Oct 28 06:41:19 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: 5.68

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Oct 2021 14:56

Tot Ion:

Ion Ratio

49 100

128 52.

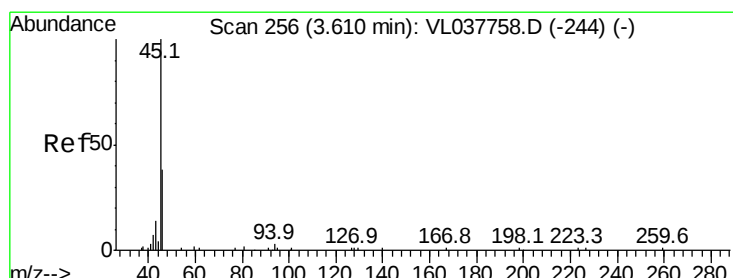
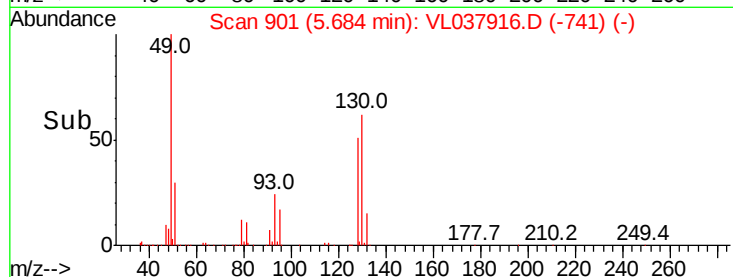
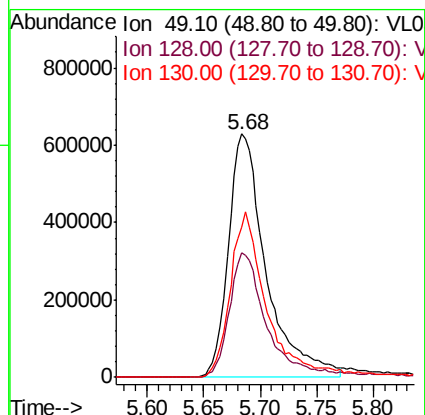
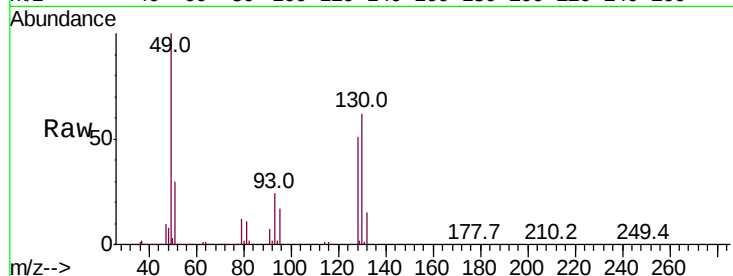
130 67.

Manual Integrations

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#13

Ethanol

Concen: 10.220 ppbv m

RT: 3.64 min Scan# 266

Delta R.T. 0.03 min

Lab File: VL037916.D

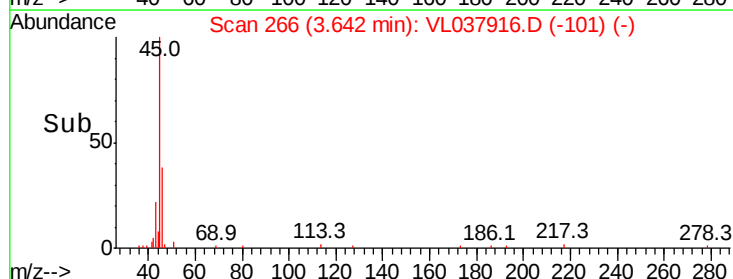
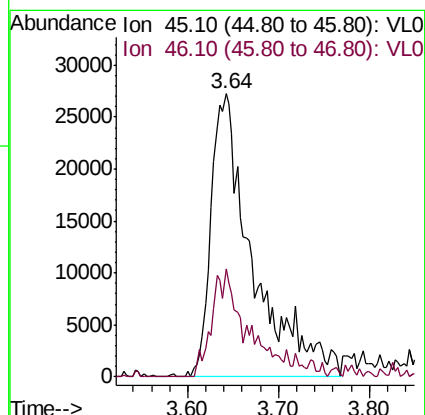
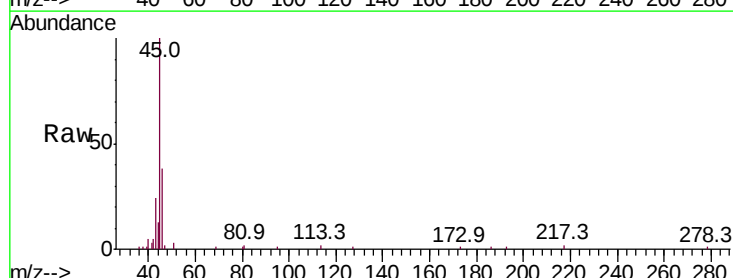
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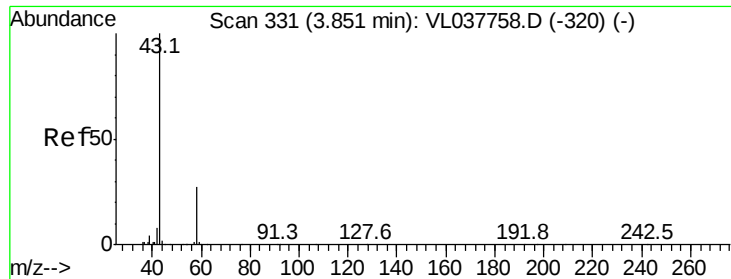
Tgt Ion: 45 Resp: 86282

Ion Ratio Lower Upper

45 100

46 32.5 20.2 81.0



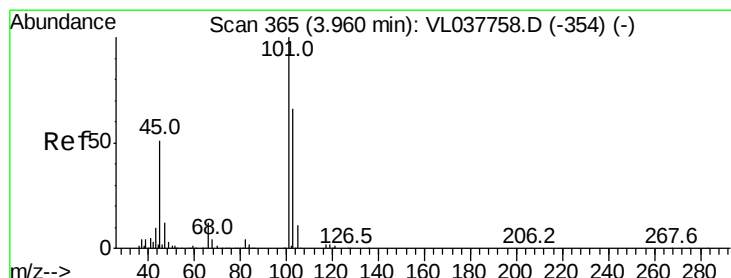
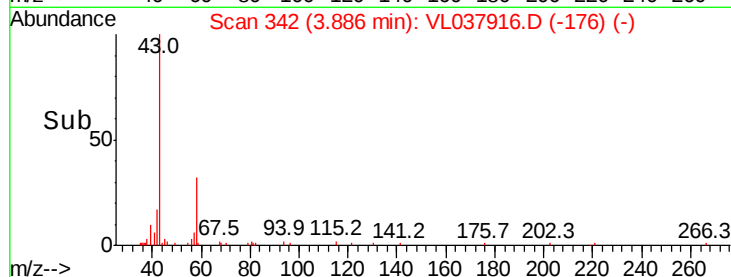
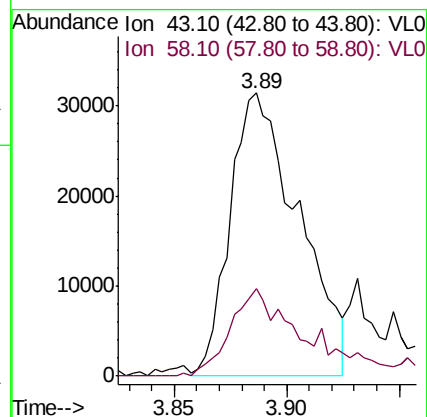
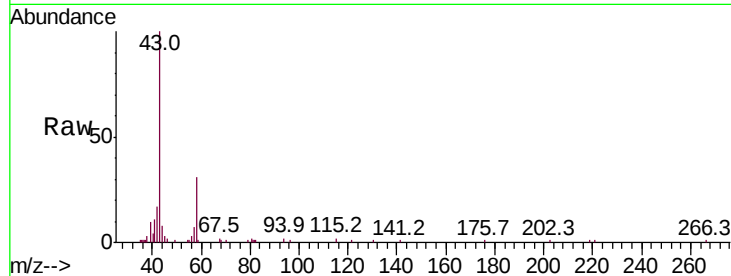


#15
Acetone
Concen: 0.508 ppbv m
RT: 3.89
Delta R.T. MSVOA_L
Lab File: ClientSampleId:
Acq: 27 Oct 2021 14:56

Tot Ion:
Ion Ratio
43 100
58 36.

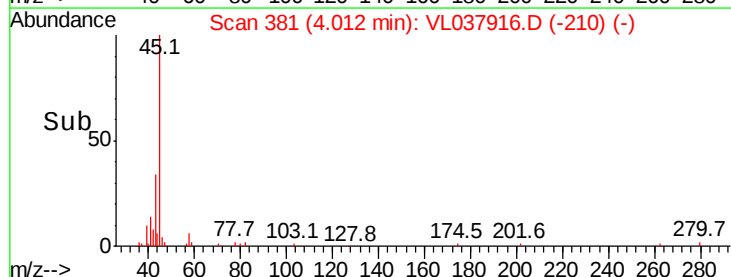
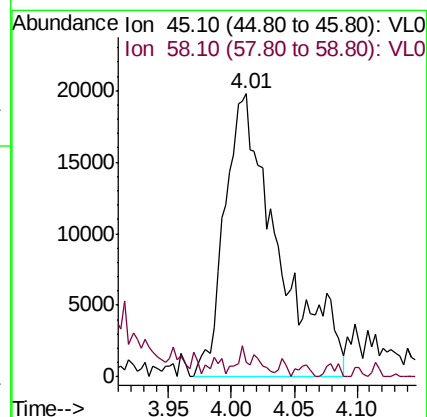
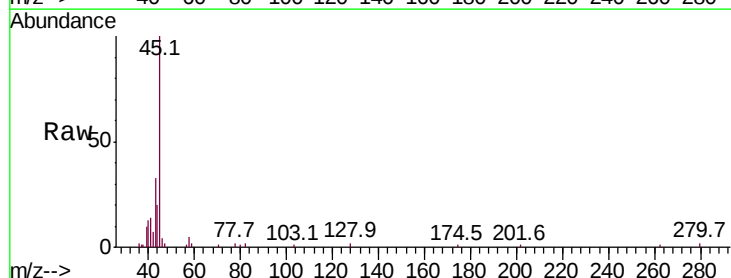
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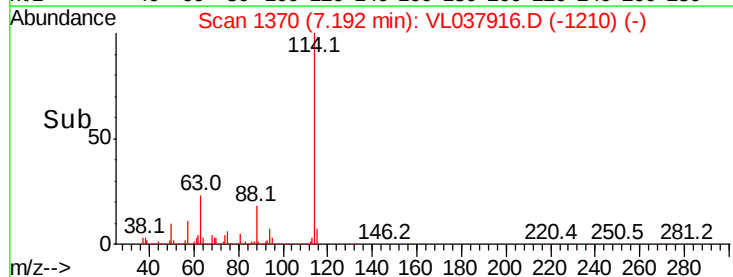
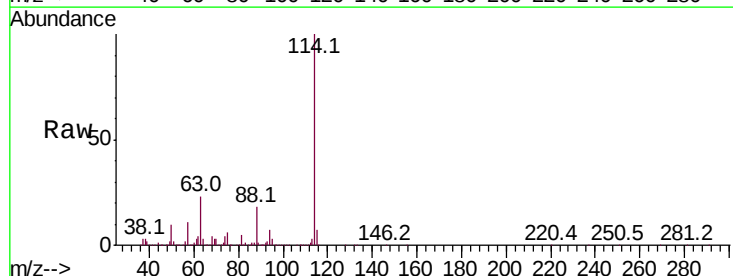
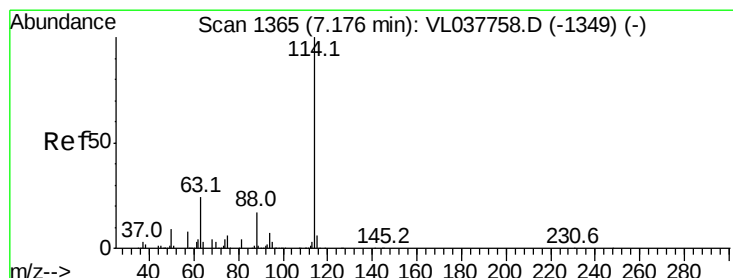
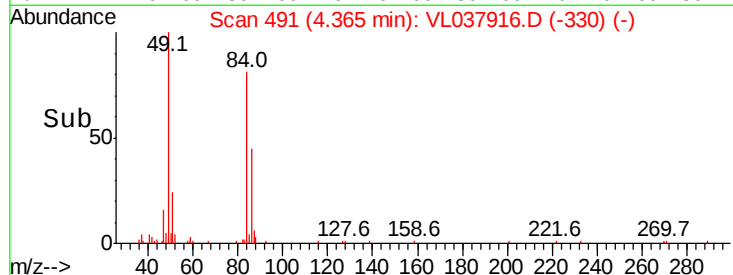
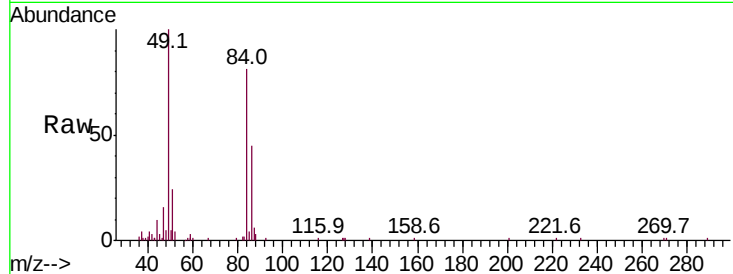
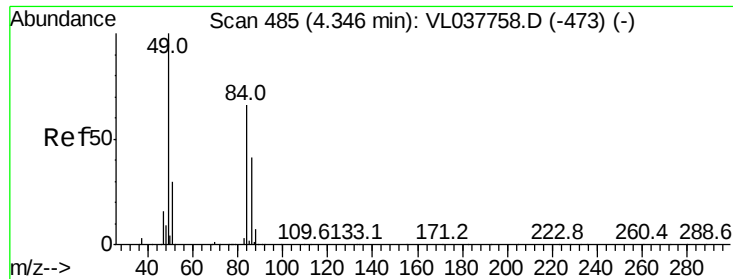
Reviewed By :Semsettin Yesilyurt 10/28/2021
Supervised By :Mahesh Dadoda 10/29/2021



#19
Isopropyl Alcohol
Concen: 0.724 ppbv m
RT: 4.01 min Scan# 381
Delta R.T. 0.05 min
Lab File: VL037916.D
Acq: 27 Oct 2021 14:56

Tgt Ion: 45 Resp: 59015
Ion Ratio Lower Upper
45 100
58 0.0 1.1 1.7#





#20

Methylene Chloride

Concen: 0.763 ppbv m

RT: 4.37 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Oct 2021 14:56 VMP-5-IMPLANT

Tot Ion:

Ion Ratio

84 100

49 124.

51 29.

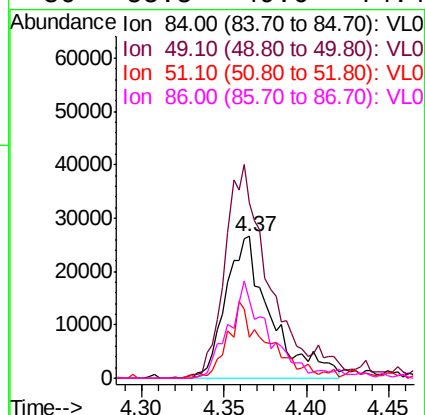
86 55.5

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.19 min Scan# 1370

Delta R.T. 0.02 min

Lab File: VL037916.D

Acq: 27 Oct 2021 14:56

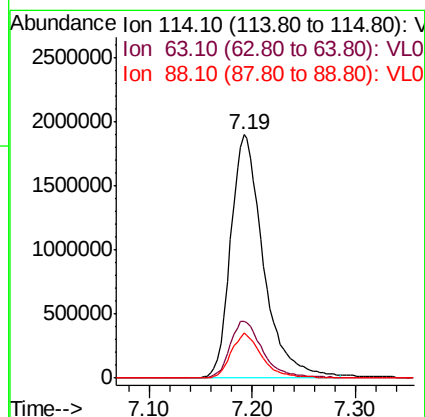
Tgt Ion:114 Resp: 4195785

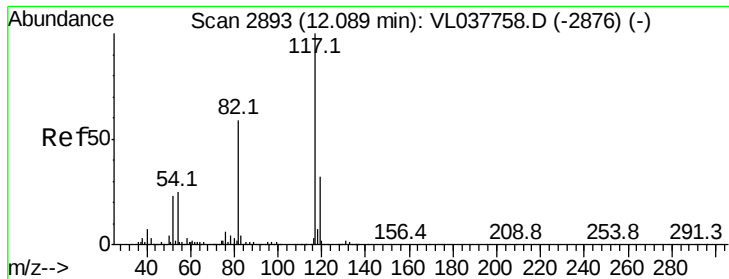
Ion Ratio Lower Upper

114 100

63 23.9 19.4 29.2

88 17.8 14.4 21.6



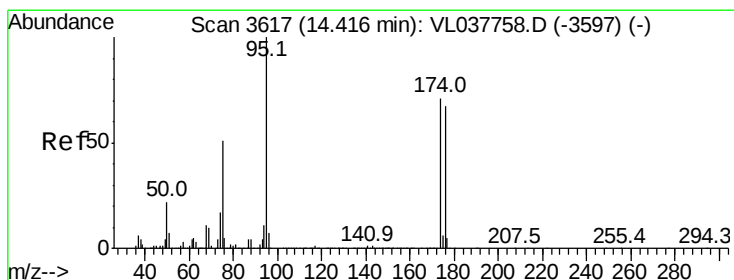
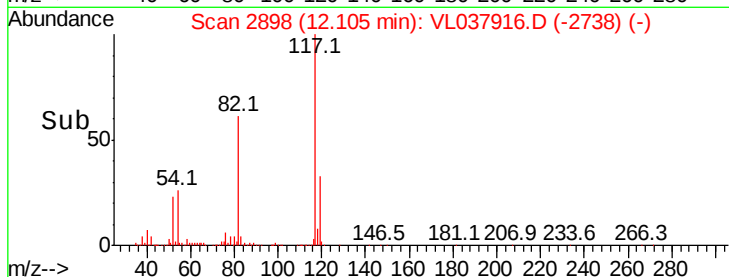
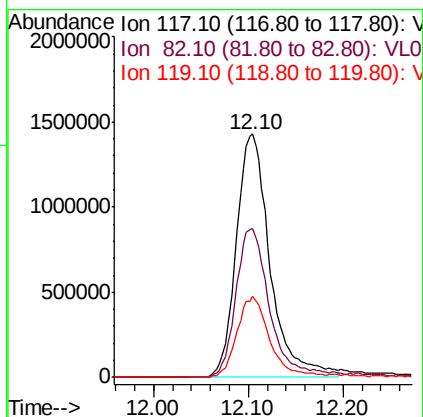
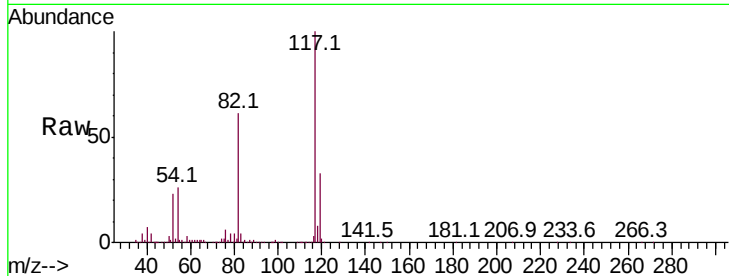


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min
Instrument: MSVOA_1
Delta R.T.: 0.02 min
Lab File: ClientSampleId :
Acq: 27 Oct 2021 14:56

Tot Ion: 1
Ion Ratio
117 100
82 64.
119 33.

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 9.702 ppbv
RT: 14.43 min Scan# 3622
Delta R.T.: 0.02 min
Lab File: VL037916.D
Acq: 27 Oct 2021 14:56

Tgt Ion: 95 Resp: 2405931
Ion Ratio Lower Upper
95 100
174 74.1 57.8 86.6
175 5.6 4.7 7.1

