

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL012722\
 Data File : VL038312.D
 Acq On : 28 Jan 2022 1:06
 Operator : SY/AP
 Sample : N1300-01DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-18CDL

Manual Integrations
 APPROVED

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

Quant Time: Jan 28 07:21:28 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422A
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	5.65	49	749278	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	1968039	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.06	117	1640356	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	1209801	9.72	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.02	41	11129m	0.229	ppbv	
13) Ethanol	3.59	45	528770m	101.439	ppbv	
15) Acetone	3.85	43	42396m	0.642	ppbv	
19) Isopropyl Alcohol	3.96	45	204425	4.947	ppbv	99
26) Hexane	5.68	57	13725m	0.160	ppbv	

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

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Quant Time: Jan 28 07:21:28 2022

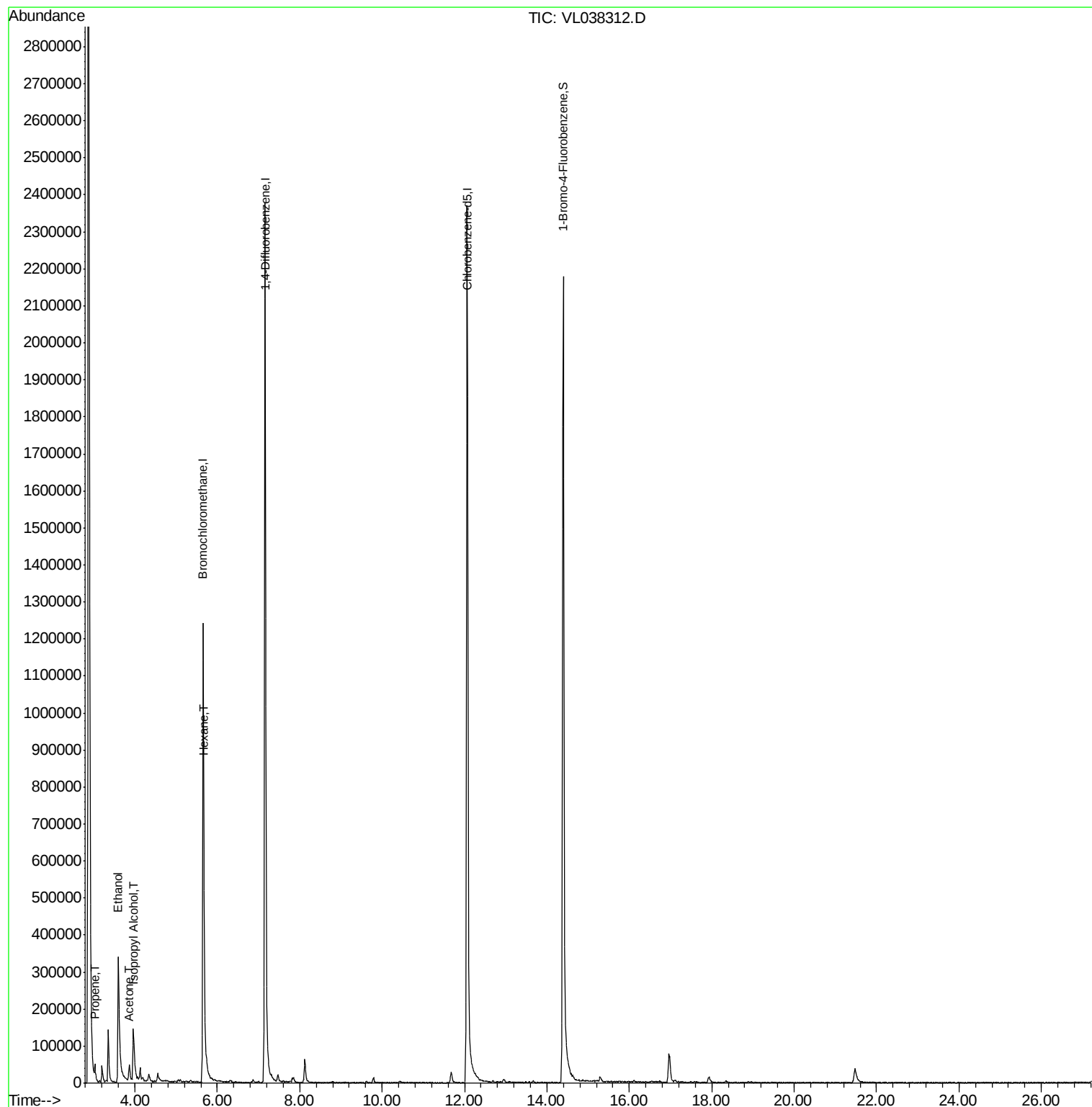
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL012422

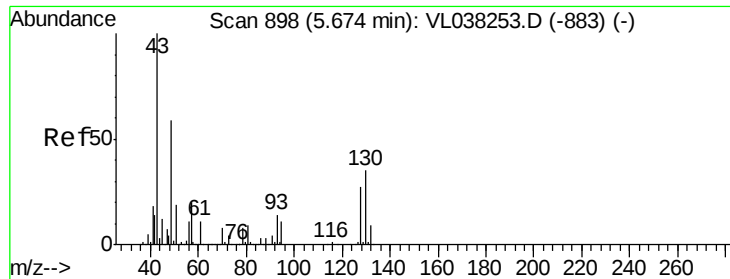
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Mon Jan 24 14:12:48 2022

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 28 Jan 2022 1:00

Tgt Ion:

Ion Ratio

49 100

128 46.

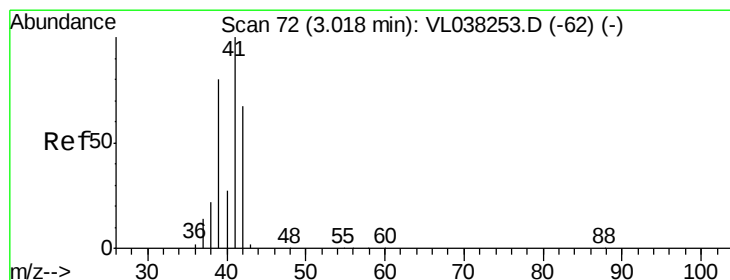
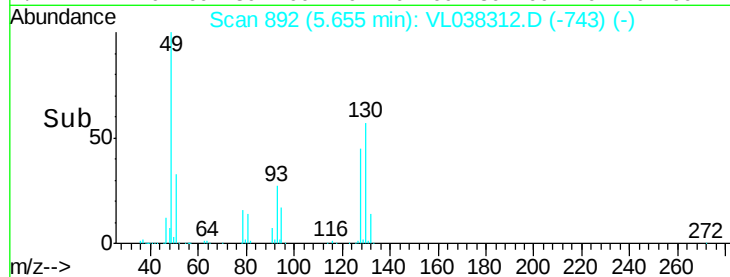
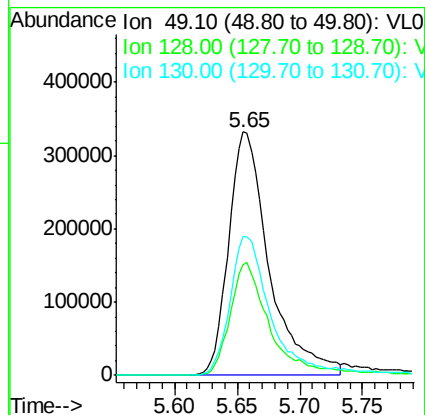
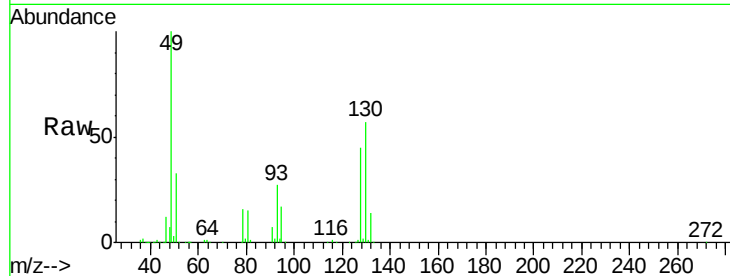
130 59.

Manual Integrations

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#9

Propene

Concen: 0.229 ppbv m

RT: 3.02 min Scan# 74

Delta R.T. 0.01 min

Lab File: VL038312.D

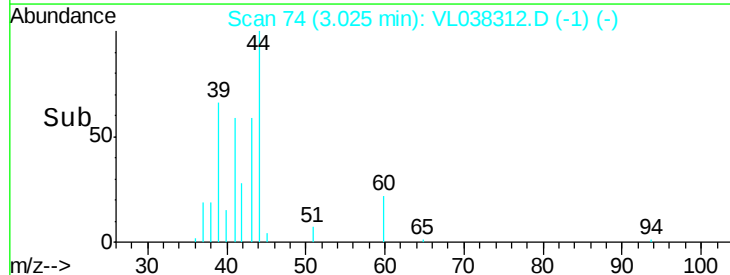
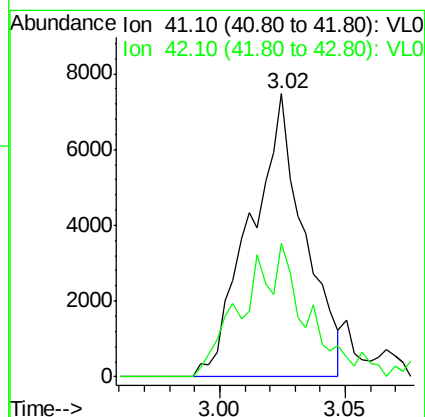
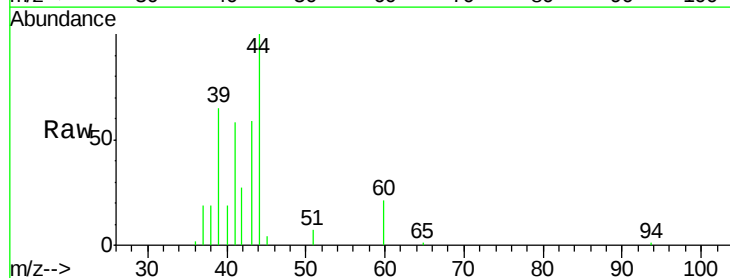
Acq: 28 Jan 2022 1:06

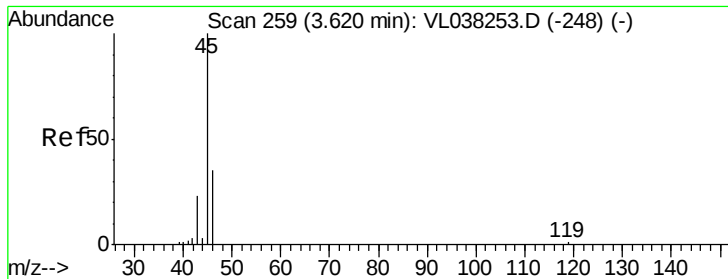
Tgt Ion: 41 Resp: 11129

Ion Ratio Lower Upper

41 100

42 57.0 54.9 82.3





#13

Ethanol

Concen: 101.439 ppbv m

RT: 3.59 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 28 Jan 2022 1:00

Tgt Ion:

Ion Ratio

45 100

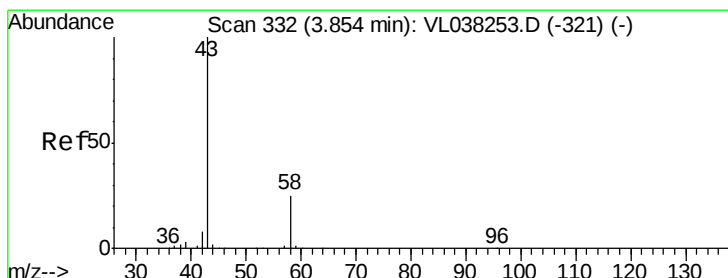
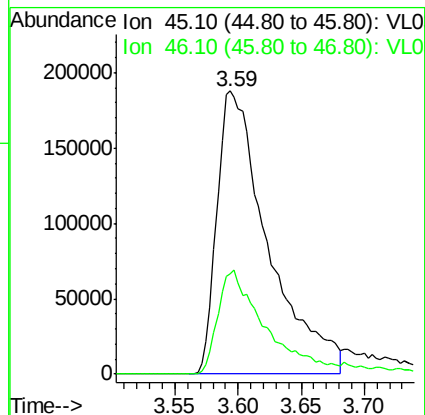
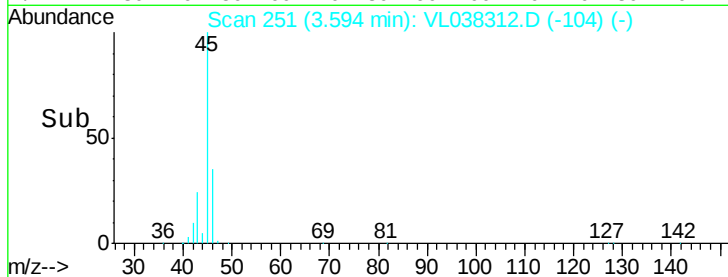
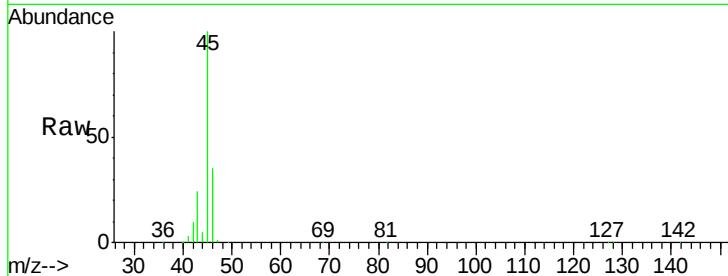
46 38.

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#15

Acetone

Concen: 0.642 ppbv m

RT: 3.85 min Scan# 332

Delta R.T. -0.00 min

Lab File: VL038312.D

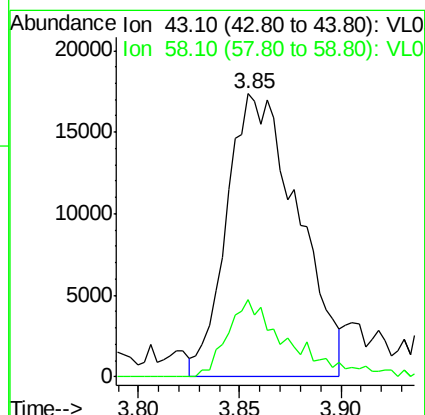
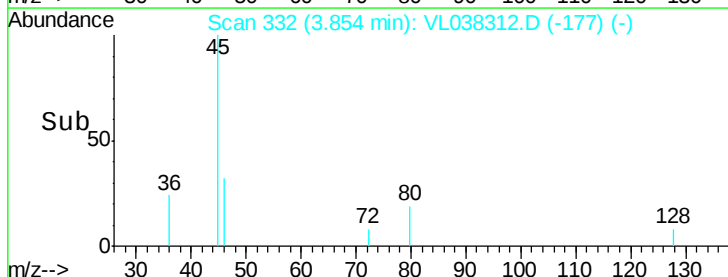
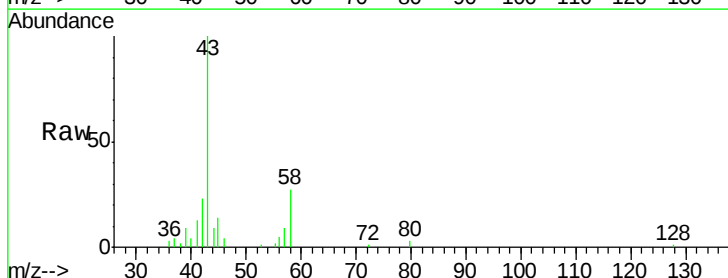
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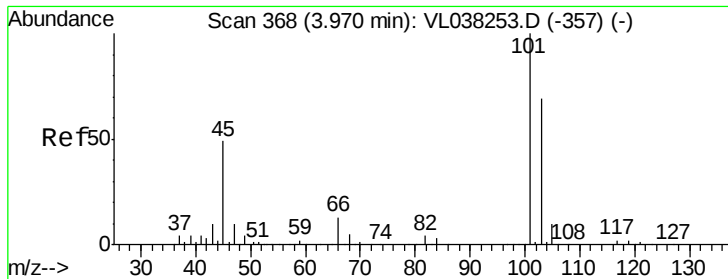
Tgt Ion: 43 Resp: 42396

Ion Ratio Lower Upper

43 100

58 23.7 21.5 32.3



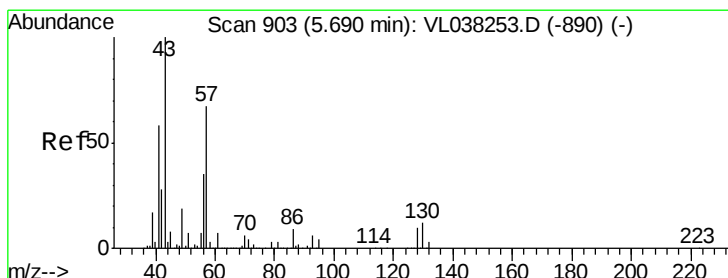
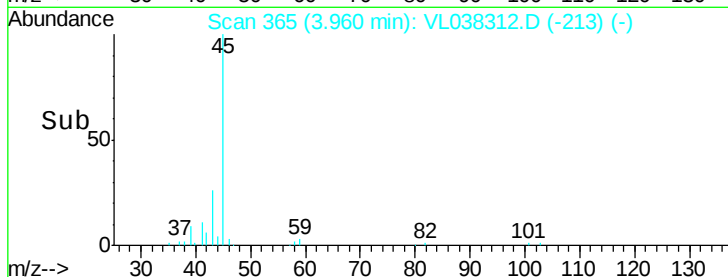
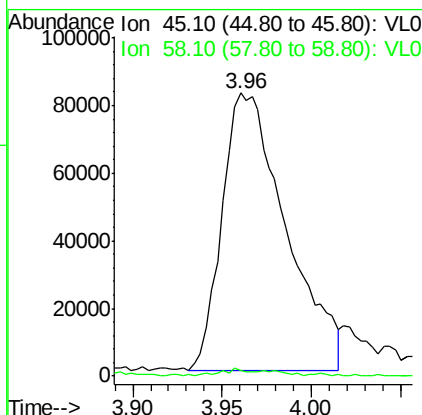
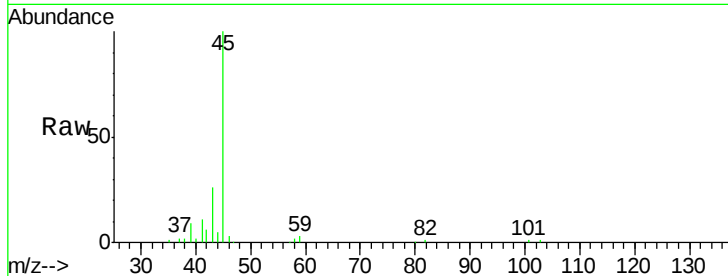


#19
Isopropyl Alcohol
Concen: 4.947 ppbv
RT: 3.96
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 28 Jan 2022 1:06

Tgt Ion:
Ion Ratio
45 100
58 2.

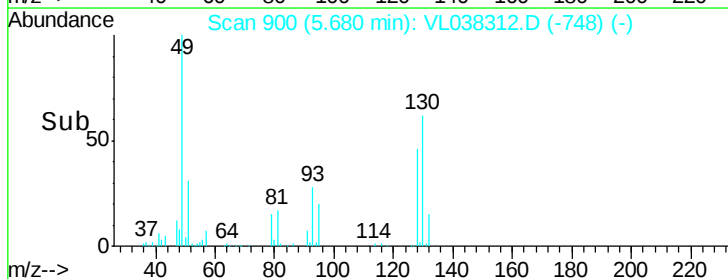
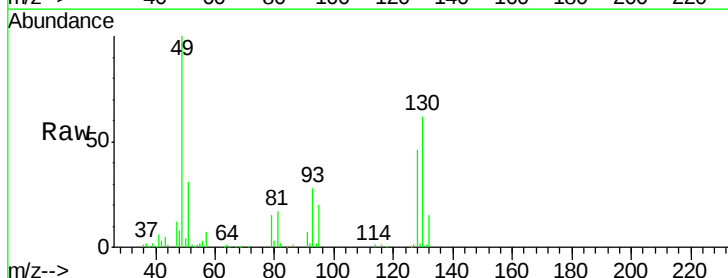
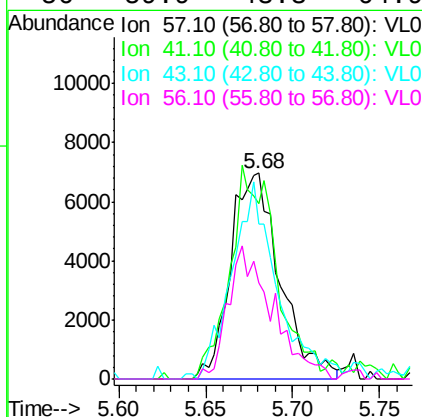
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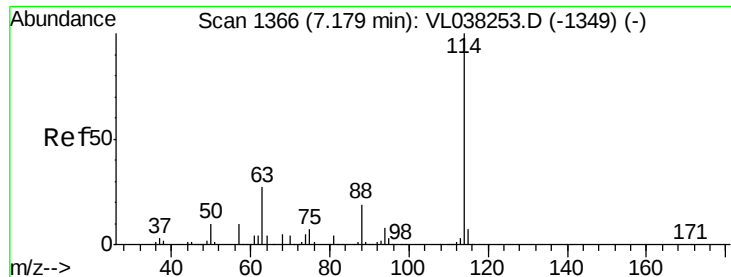
Reviewed By :Semsettin Yesilyurt 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#26
Hexane
Concen: 0.160 ppbv m
RT: 5.68 min Scan# 900
Delta R.T. -0.01 min
Lab File: VL038312.D
Acq: 28 Jan 2022 1:06

Tgt Ion: 57 Resp: 13725
Ion Ratio Lower Upper
57 100
41 104.5 72.8 109.2
43 0.0 177.0 265.6#
56 59.9 43.3 64.9



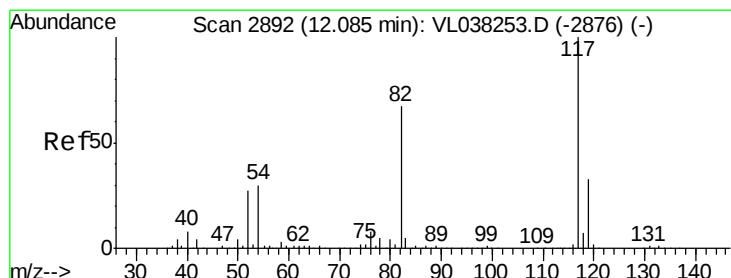
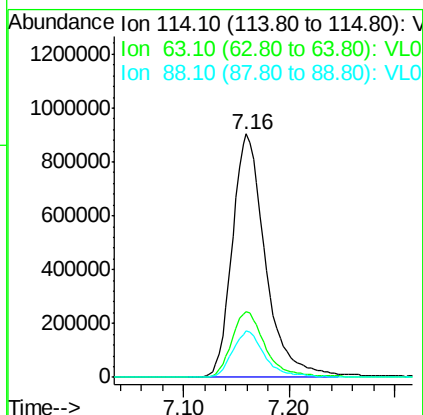
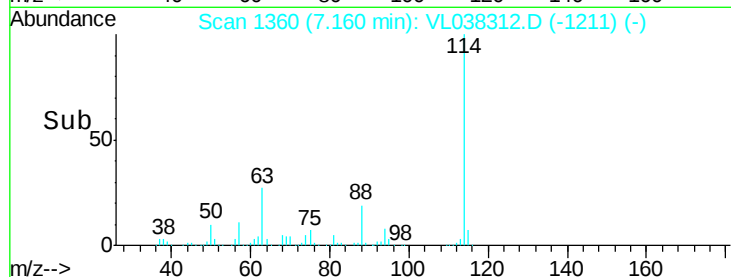
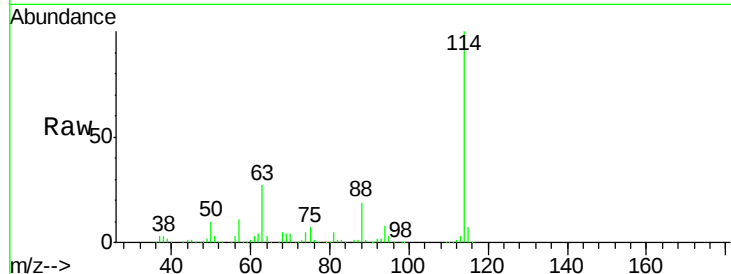


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 28 Jan 2022 1:00

Tgt Ion:1
 Ion Ratio
 114 100
 63 27.
 88 18.

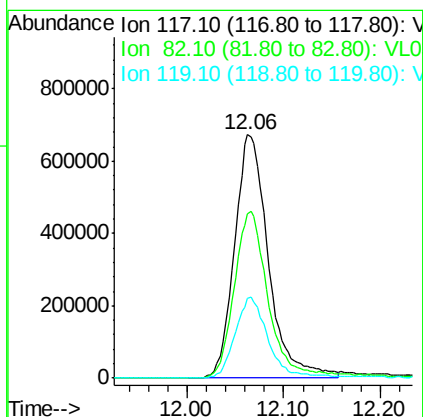
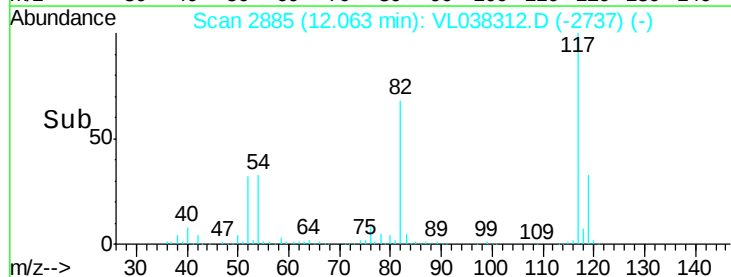
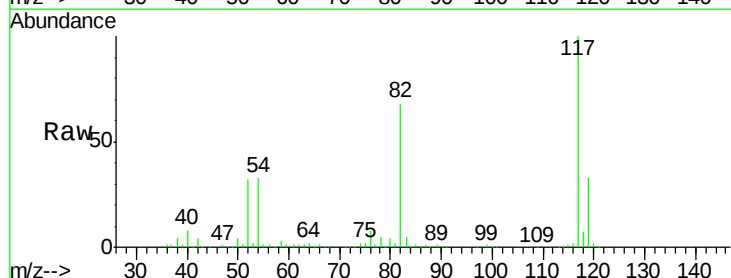
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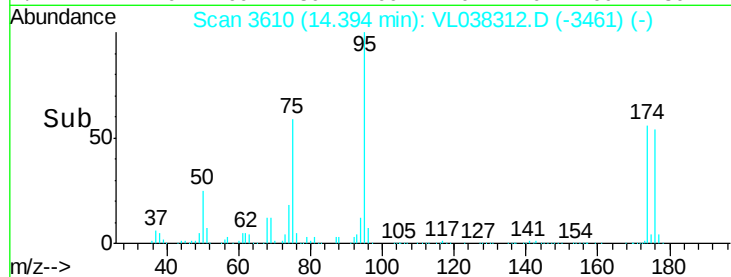
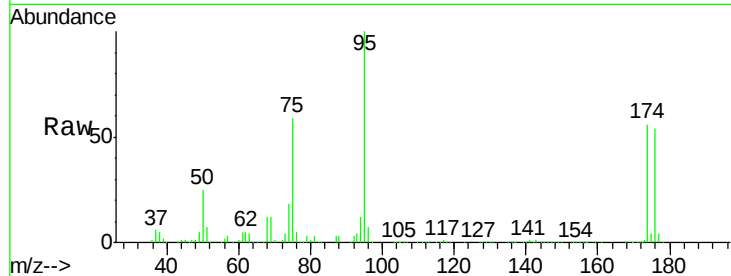
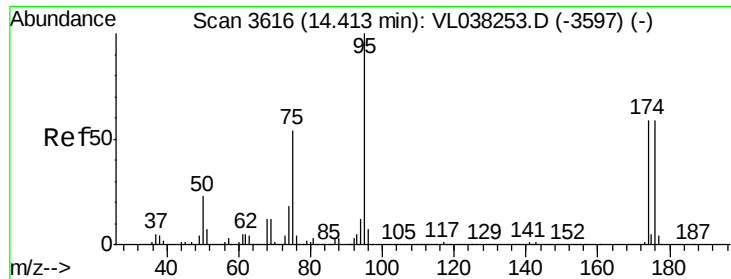
Reviewed By :Semsettin Yesilyurt 01/28/2022
 Supervised By :Mahesh Dadoda 01/28/2022



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.06 min Scan# 2885
 Delta R.T. -0.02 min
 Lab File: VL038312.D
 Acq: 28 Jan 2022 1:06

Tgt Ion:117 Resp: 1640356
 Ion Ratio Lower Upper
 117 100
 82 72.1 54.4 81.6
 119 33.5 45.9 68.9#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.717 ppbv

RT: 14.39

Delta R.T: MSVOA_L

Lab File: ClientSampleId :

Acq: 28 Jan 2022 1.00

Tgt Ion:

Ion Ratio

95 100

174 61.

175 4.

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 01/28/2022

