

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041422\
 Data File : VL038923.D
 Acq On : 14 Apr 2022 18:08
 Operator : SY/AP
 Sample : MDL 0.1 NAPHT.
 Misc : 400mL/MSVOA L
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1 NAPHT.

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/15/2022
 Supervised By : Mahesh Dadoda 04/18/2022

Quant Time: Apr 15 09:28:45 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL040522A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Wed Apr 06 06:12:53 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1118167	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.19	114	2623236	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.10	117	2256788	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	1868573	10.92	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	109.20%

Target Compounds					Ovalue
79) Naphthalene	22.23	128	13122m	0.058	ppbv

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

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Quant Time: Apr 15 09:28:45 2022

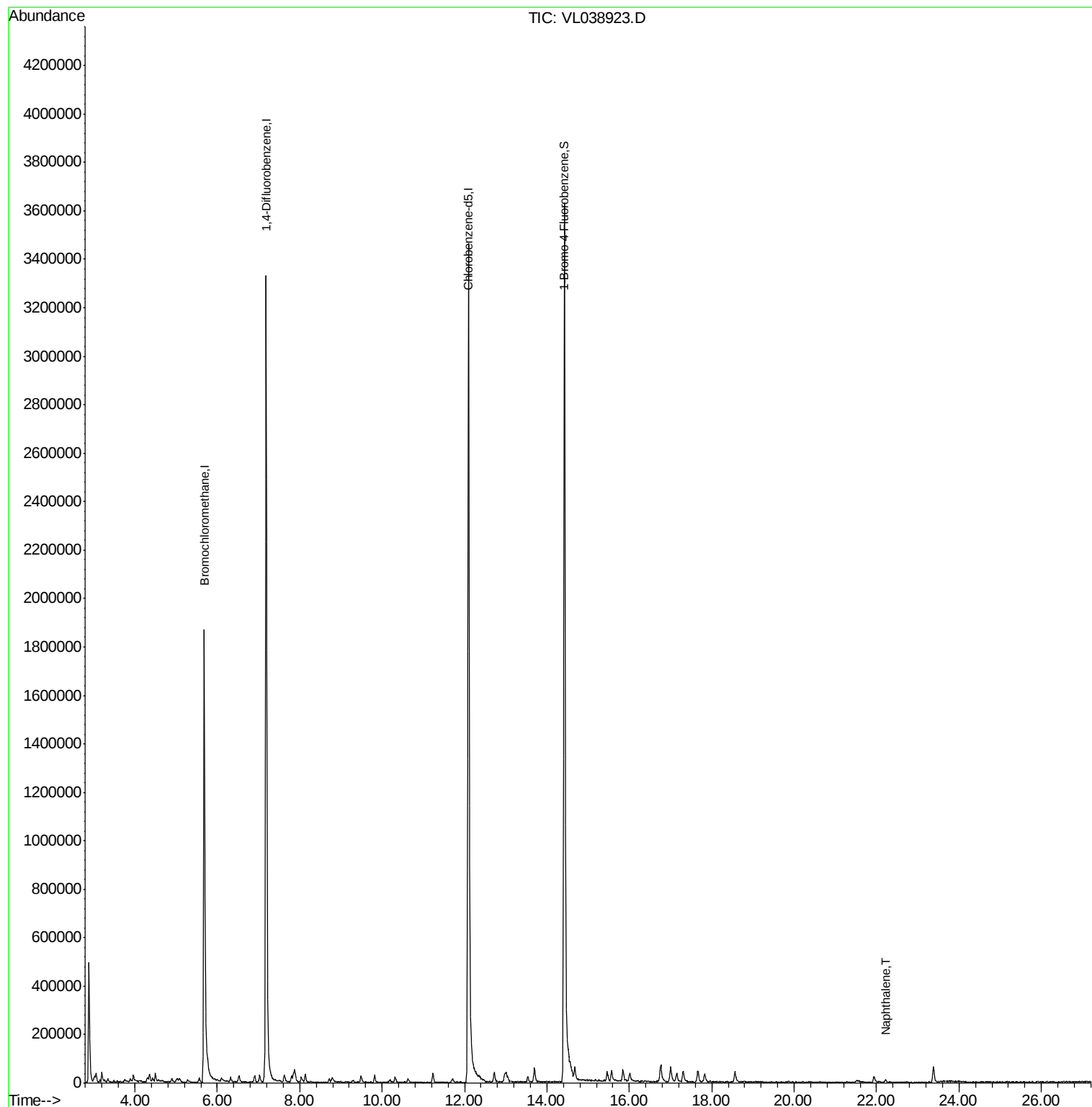
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL040522

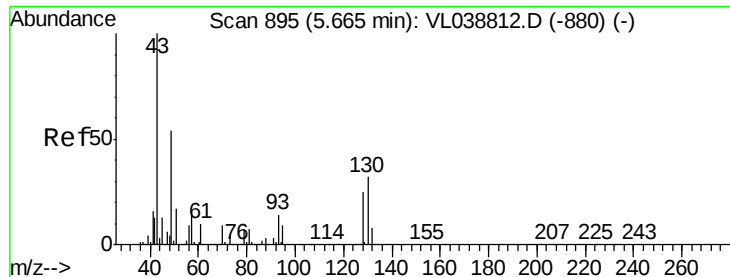
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Wed Apr 06 06:12:53 2022

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: MDL 0.1 NAPHT.

Acq: 14 Apr 2022 18:08

Tot Ion:

Ion Ratio

49 100

128 45.

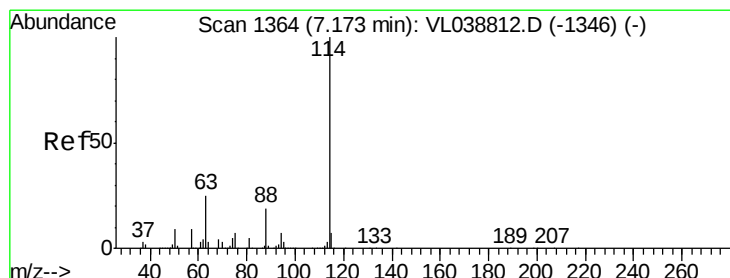
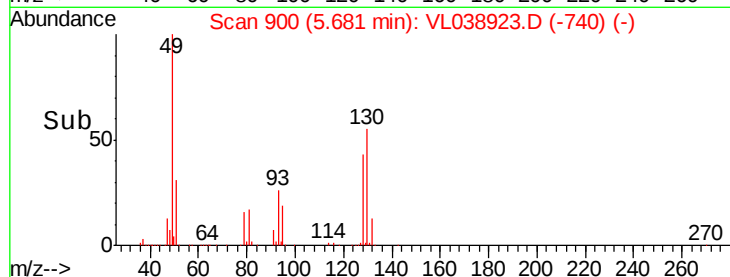
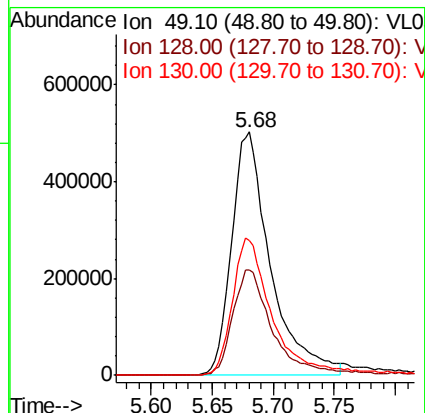
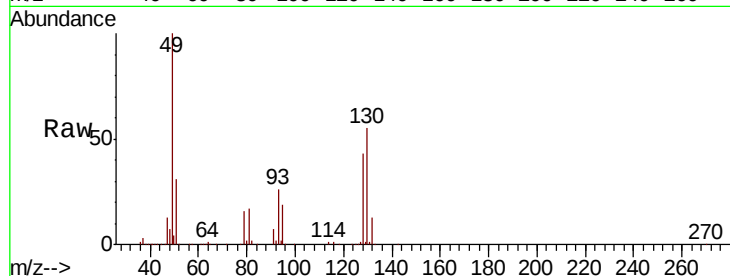
130 58.

Manual Integrations

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.19 min Scan# 1369

Delta R.T. 0.02 min

Lab File: VL038923.D

Acq: 14 Apr 2022 18:08

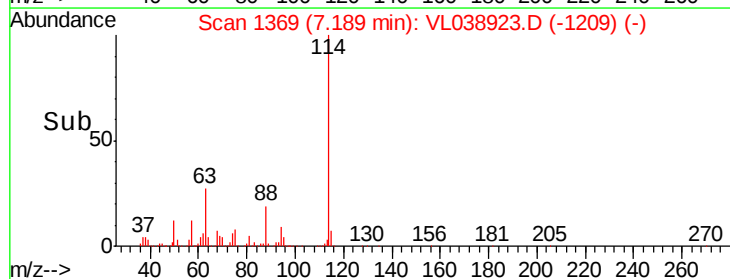
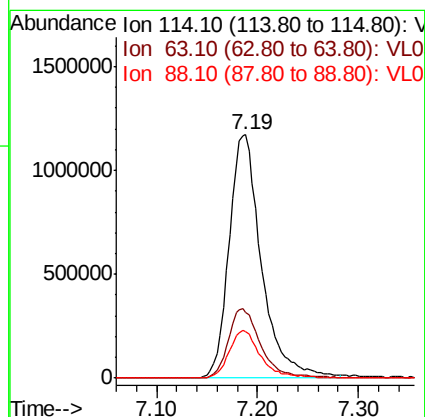
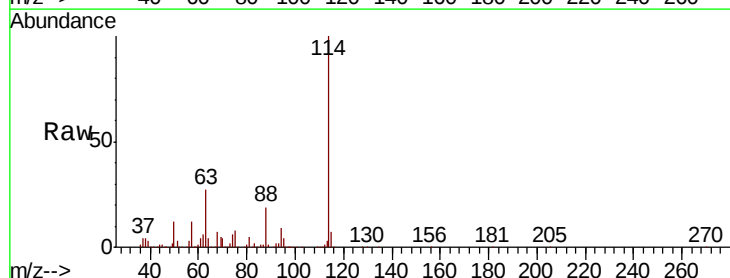
Tgt Ion:114 Resp: 2623236

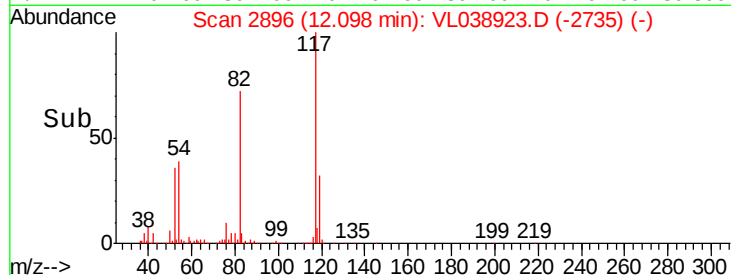
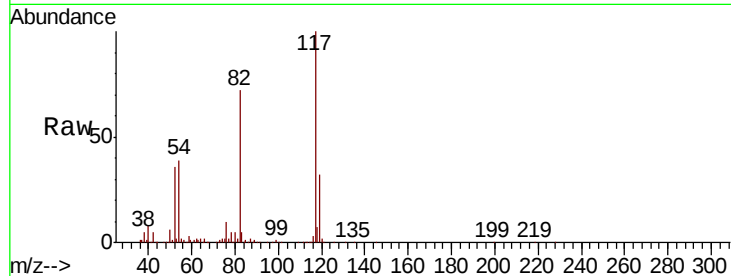
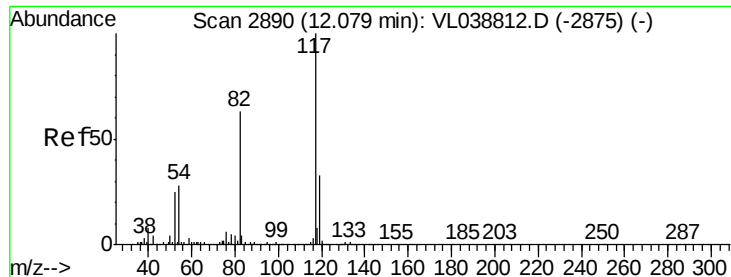
Ion Ratio Lower Upper

114 100

63 28.9 19.8 29.8

88 19.5 14.2 21.4



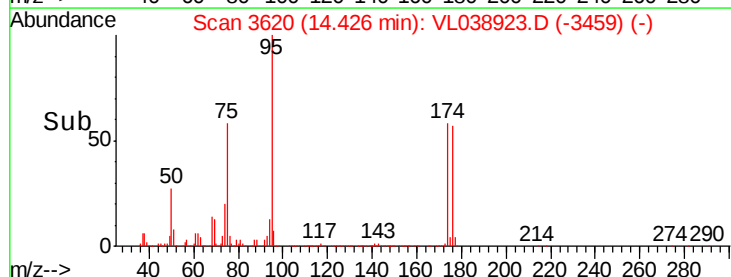
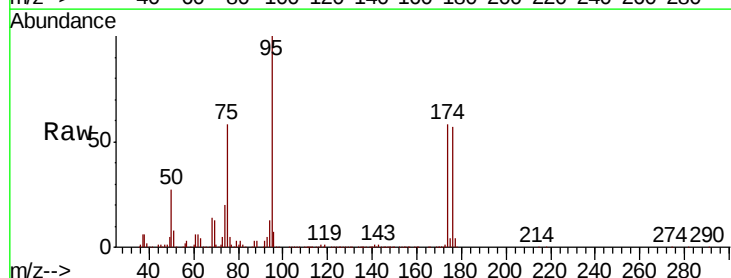
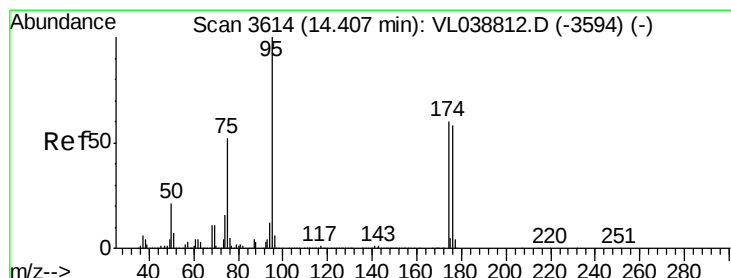
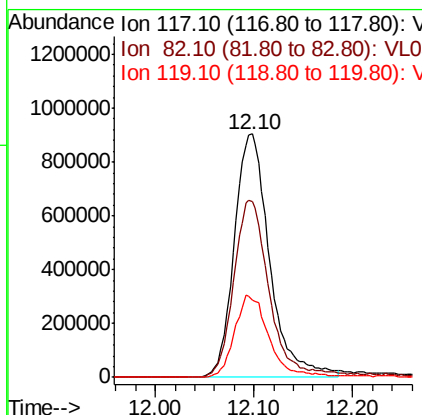


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min
Instrument: MSVOA_L
Delta R.T.: 0.02 min
Lab File: ClientSampleId :
Acq: 14 Apr 2022 18:08

Tot Ion: 1
Ion Ratio
117 100
82 75.
119 34.

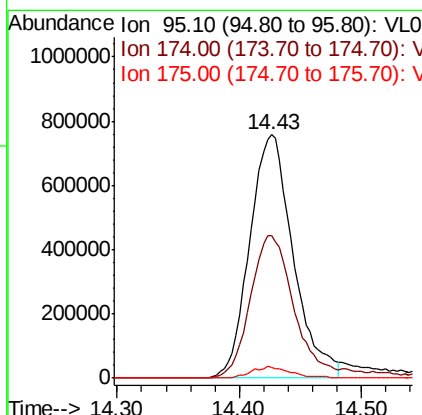
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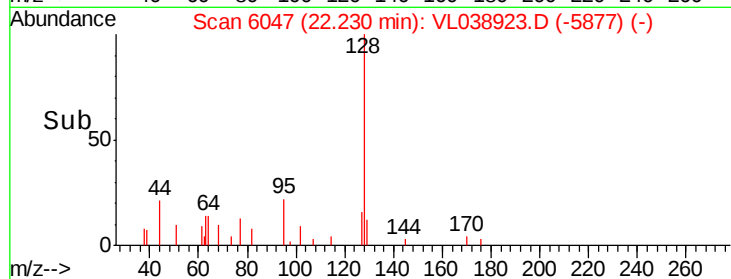
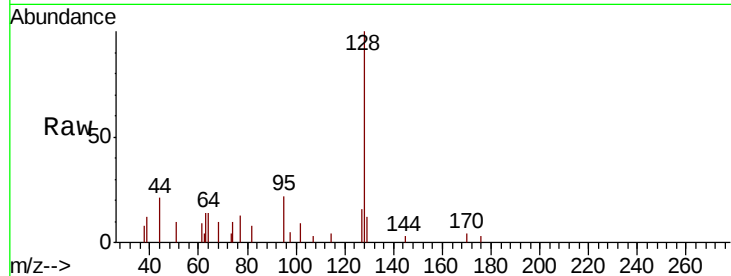
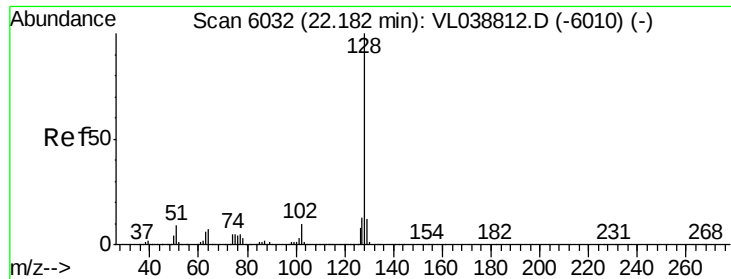
Reviewed By : Semsettin Yesilyurt 04/15/2022
Supervised By : Mahesh Dadoda 04/18/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 10.916 ppbv
RT: 14.43 min Scan# 3620
Delta R.T.: 0.02 min
Lab File: VL038923.D
Acq: 14 Apr 2022 18:08

Tgt Ion: 95 Resp: 1868573
Ion Ratio Lower Upper
95 100
174 64.1 52.0 78.0
175 4.6 4.0 6.0





#79

Naphthalene

Concen: 0.058 ppbv m

RT: 22.23

Delta R.T: MSVOA_L

Lab File: ClientSampleId :

Acq: 14 Apr 2022 18:08 MDL 0.1 NAPHT.

Tot Ion:1

Ion Rati

128 100

127 16.

129 12.

Manual Integrations

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