

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041422\
 Data File : VL038925.D
 Acq On : 14 Apr 2022 19:25
 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 09:33:37 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	1066533	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.18	114	2507346	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2142783	10.00	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1868705	11.50	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	115.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
79) Naphthalene	22.21	128	11505m	0.054	ppbv	

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

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Quant Time: Apr 15 09:33:37 2022

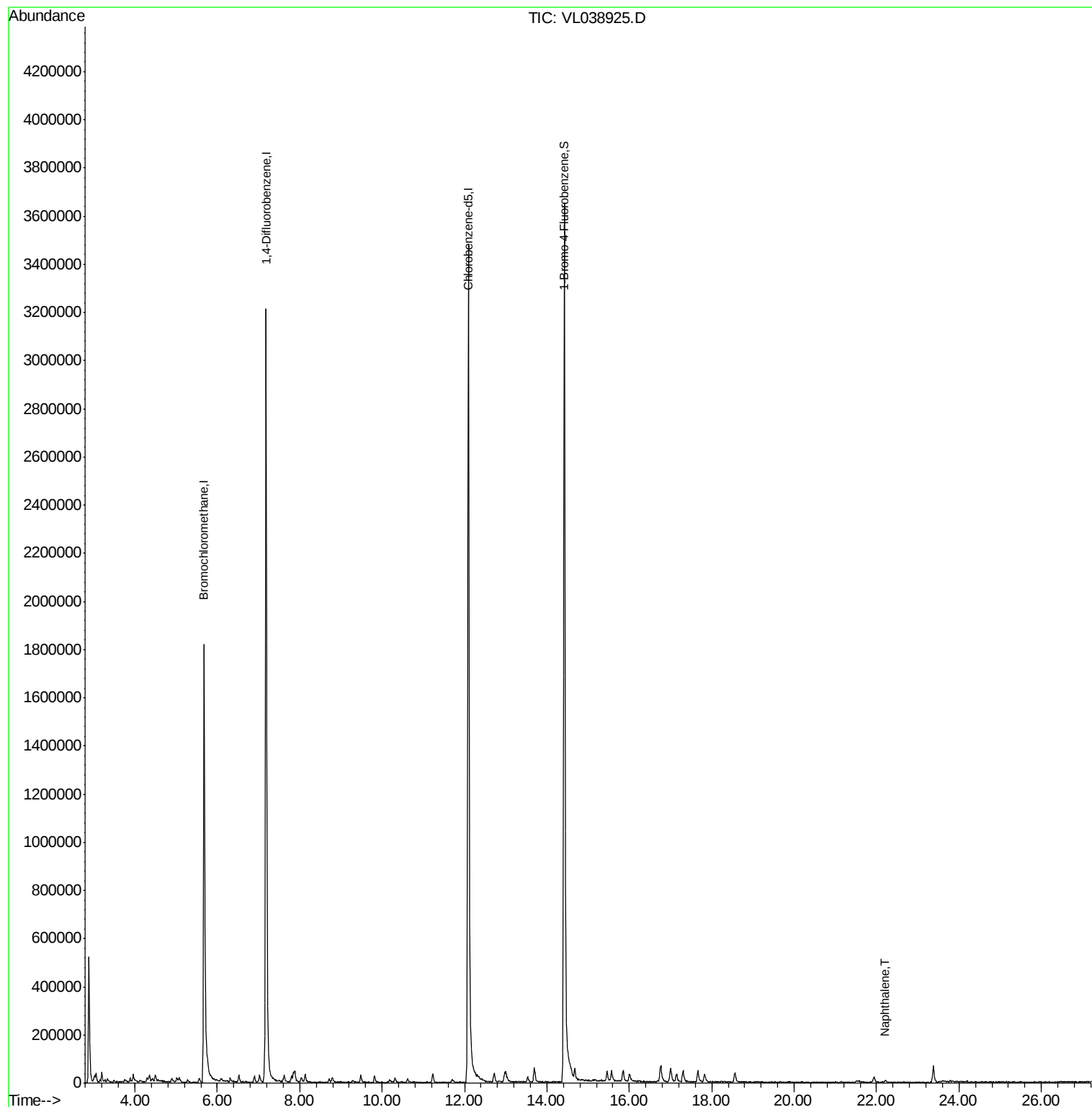
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL040522

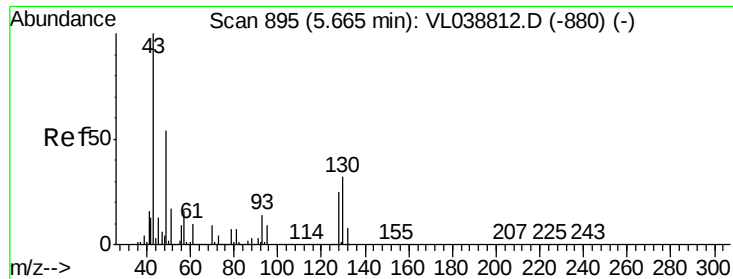
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

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

Response via : Initial Calibration

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument: MSVOA_1

Delta R.T. 0.01

Lab File: ClientSampleId:

Acq: 14 Apr 2022 19:25 MDL 0.1 NAPHT.

Tot Ion:

Ion Ratio

49 100

128 45.

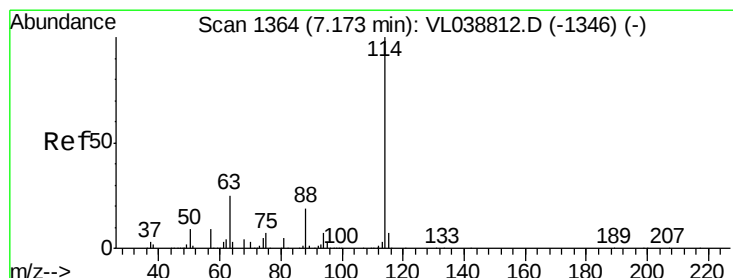
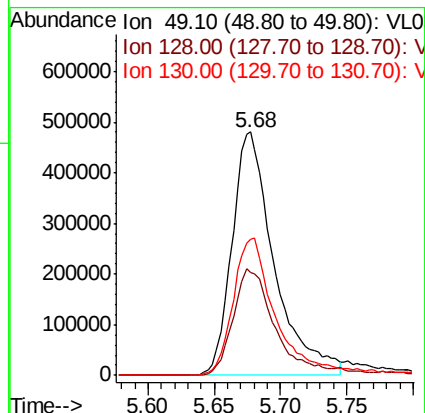
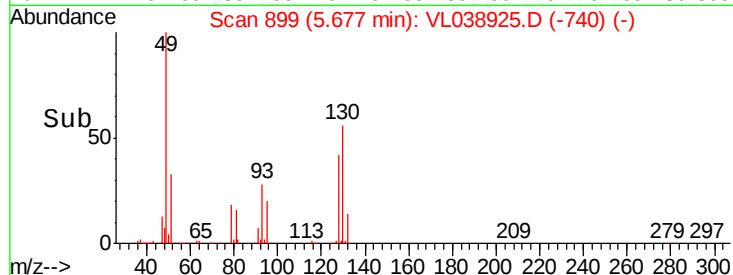
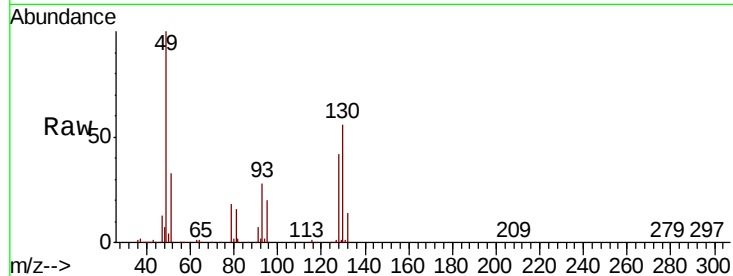
130 60.

Manual Integrations

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1367

Delta R.T. 0.01 min

Lab File: VL038925.D

Acq: 14 Apr 2022 19:25

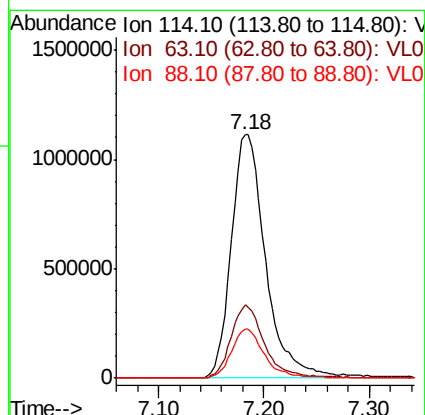
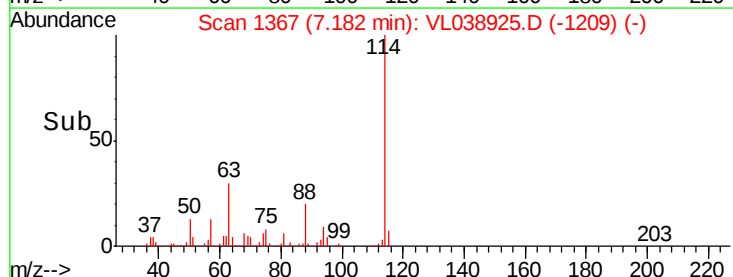
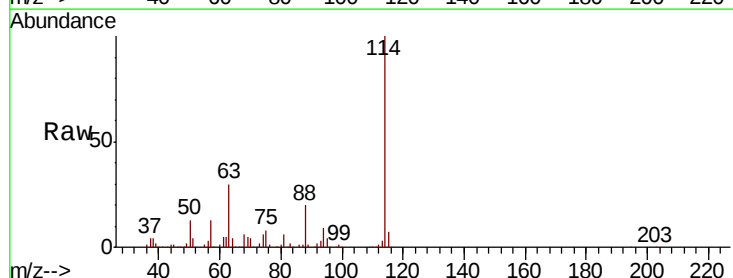
Tgt Ion:114 Resp: 2507346

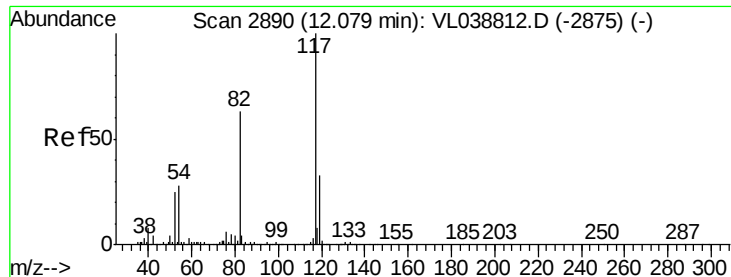
Ion Ratio Lower Upper

114 100

63 29.9 19.8 29.8#

88 19.6 14.2 21.4



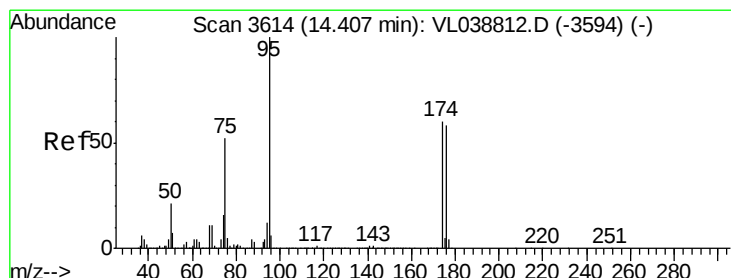
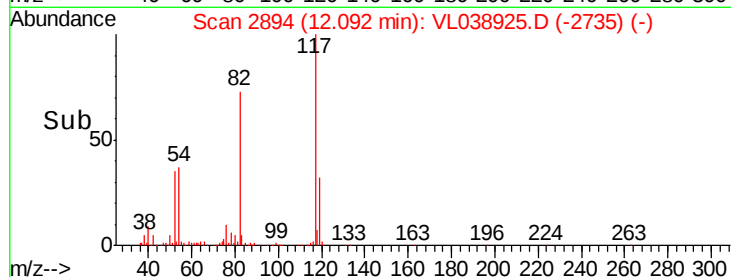
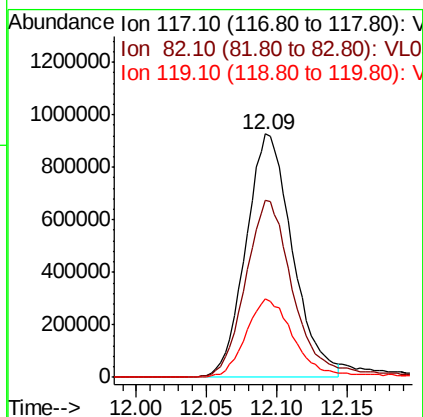
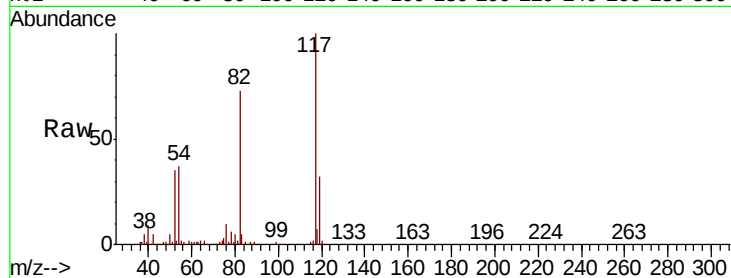


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 14 Apr 2022 19:25

Tot Ion: 1
Ion Ratio
117 100
82 77.
119 34.

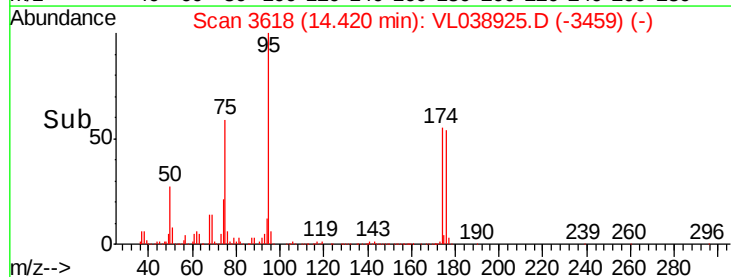
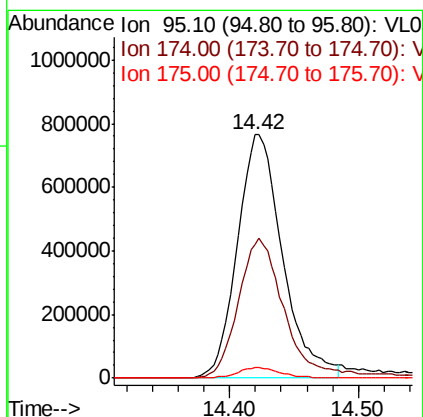
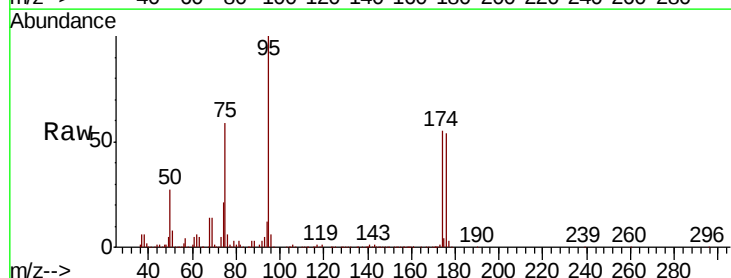
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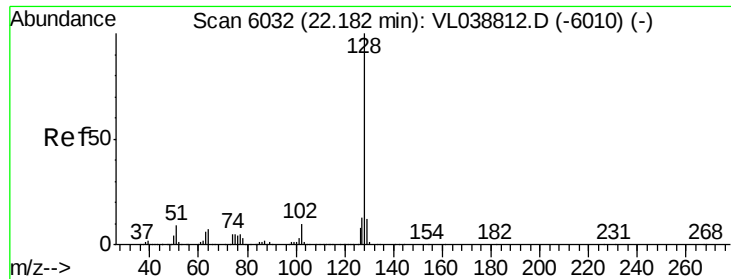
Reviewed By :Semsettin Yesilyurt 04/15/2022
Supervised By :Mahesh Dadoda 04/18/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 11.497 ppbv
RT: 14.42 min Scan# 3618
Delta R.T.: 0.01 min
Lab File: VL038925.D
Acq: 14 Apr 2022 19:25

Tgt Ion: 95 Resp: 1868705
Ion Ratio Lower Upper
95 100
174 61.5 52.0 78.0
175 4.5 4.0 6.0





#79

Naphthalene

Concen: 0.054 ppbv m

RT: 22.21 Instrument:

Delta R.T MSVOA_L

Lab File: ClientSampleId :

Acq: 14 Apr 2022 19:25 MDL 0.1 NAPHT.

Tot Ion:1

Ion Rati

128 100

127 3.

129 5.

Manual Integrations

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