

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL041122\
 Data File : VL038872.D
 Acq On : 11 Apr 2022 16:22
 Operator : SY/AP
 Sample : N2339-02DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVE-INFLUENTDL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2022
 Supervised By :Mahesh Dadoda 04/14/2022

Quant Time: Apr 13 07:58:44 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	5.66	49	1297085	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3159948	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2732760	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2251697	10.86	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.86	43	48395m	0.375	ppbv	
20) Methylene Chloride	4.34	84	57717m	1.232	ppbv	
26) Hexane	5.68	57	62373	0.418	ppbv #	41
31) cis-1,2-Dichloroethene	5.54	61	20208	0.147	ppbv #	80
52) Tetrachloroethene	11.21	164	98600	0.982	ppbv	98

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

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Quant Time: Apr 13 07:58:44 2022

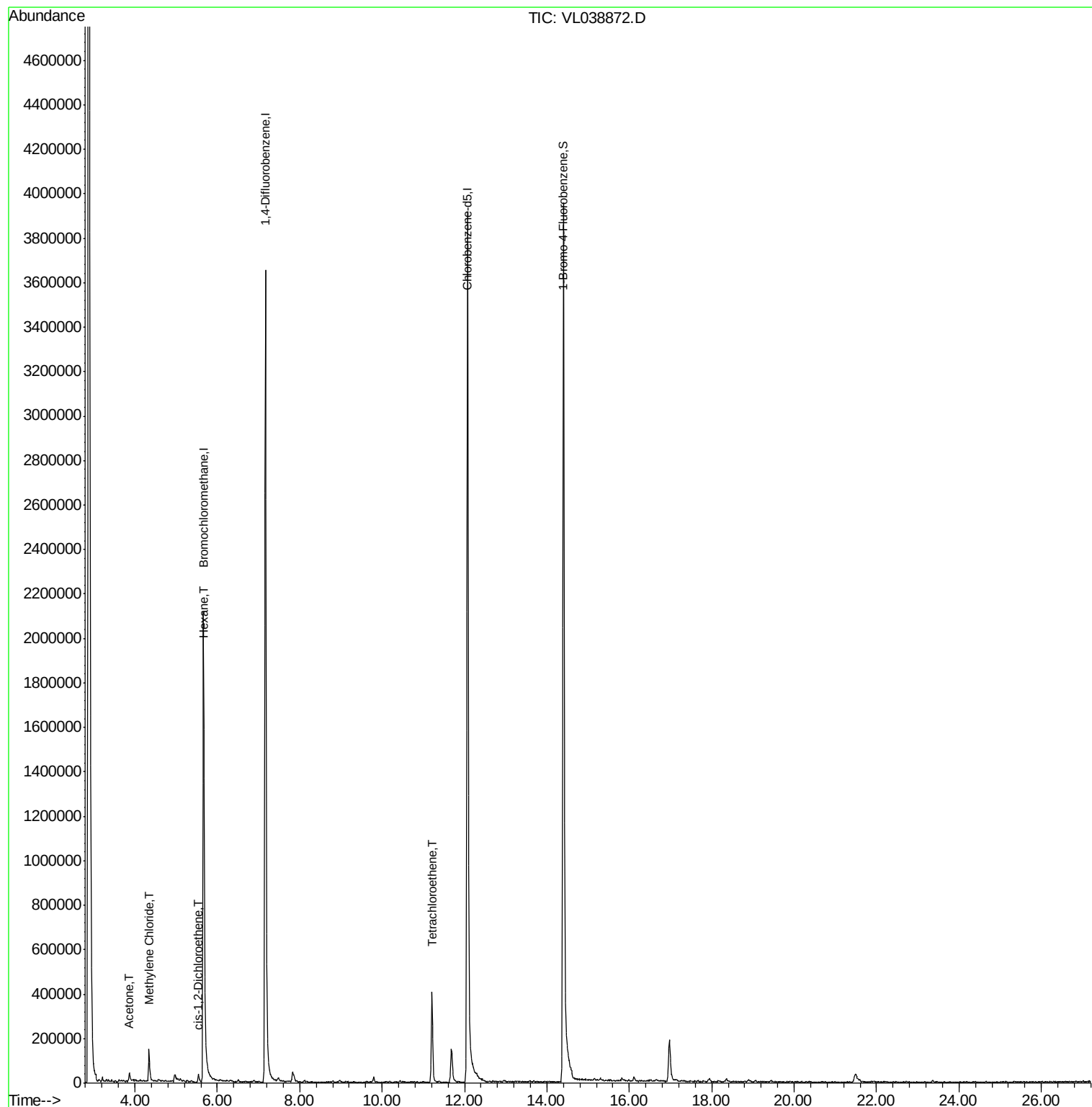
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL040522

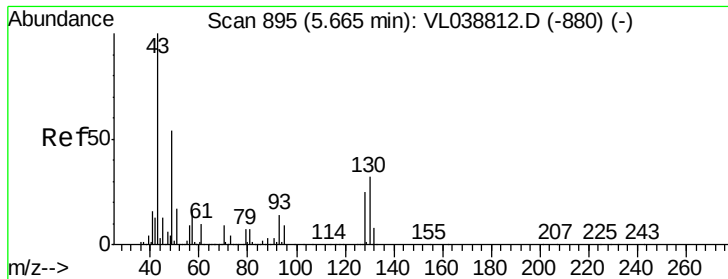
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

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

Response via : Initial Calibration

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 11 Apr 2022 10:22

Tot Ion:

Ion Ratio

49 100

128 46.

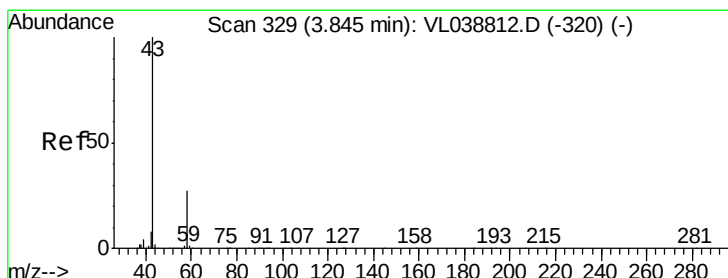
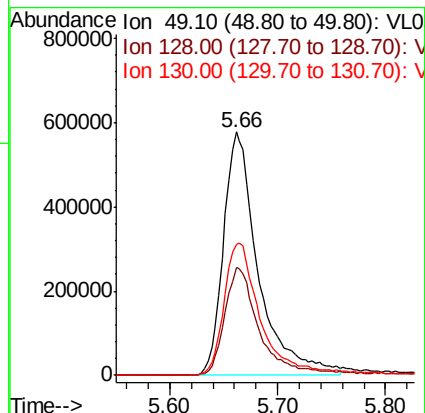
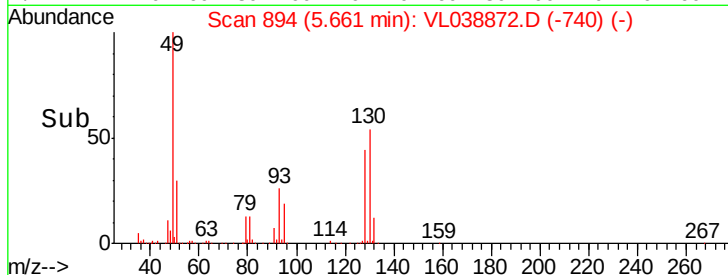
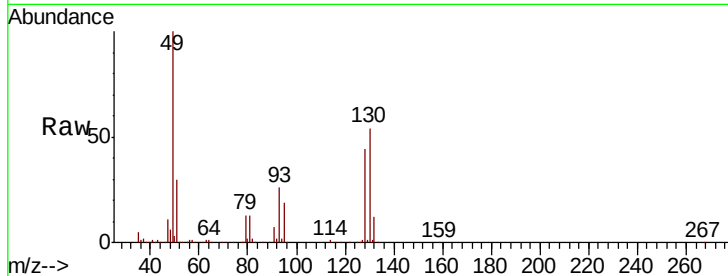
130 59.

Manual Integrations

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Supervised By :Mahesh Dadoda 04/14/2022



#15

Acetone

Concen: 0.375 ppbv m

RT: 3.86 min Scan# 335

Delta R.T. 0.02 min

Lab File: VL038872.D

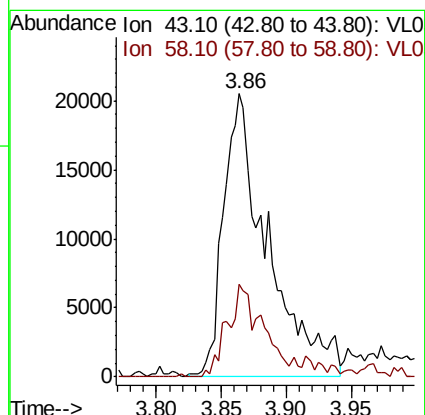
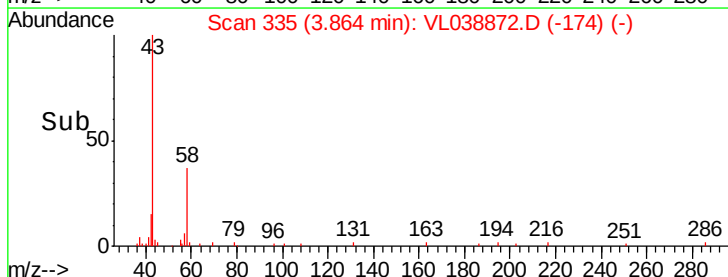
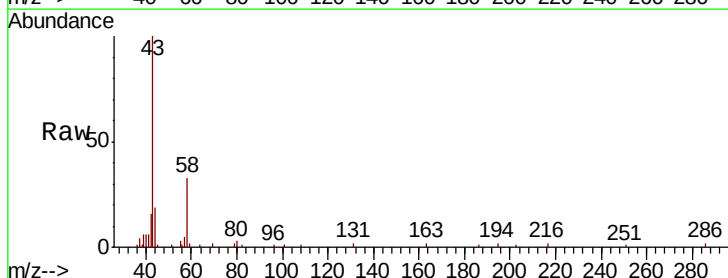
Acq: 11 Apr 2022 16:22

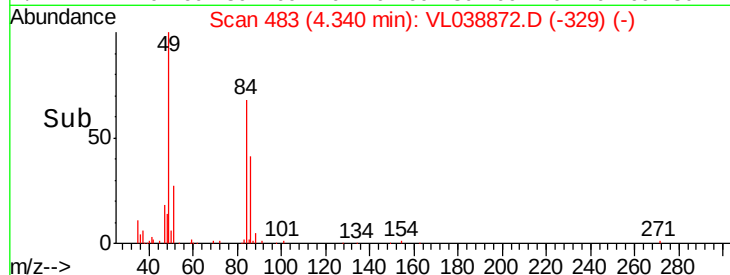
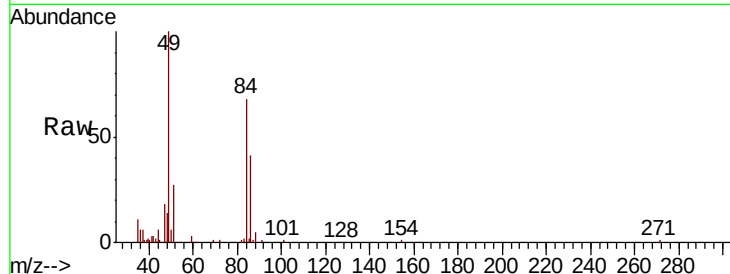
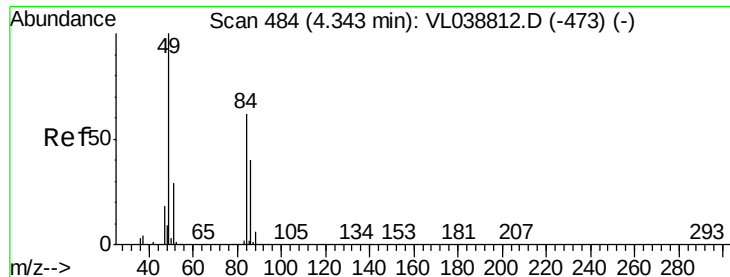
Tgt Ion: 43 Resp: 48395

Ion Ratio Lower Upper

43 100

58 30.0 22.5 33.7



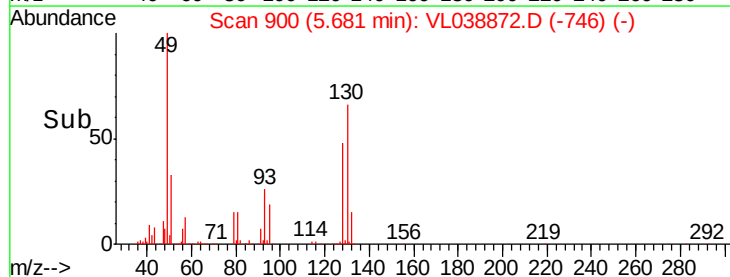
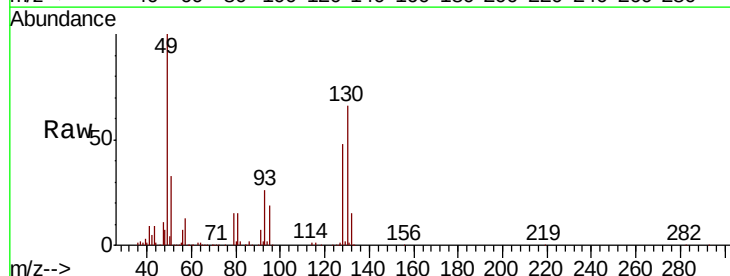
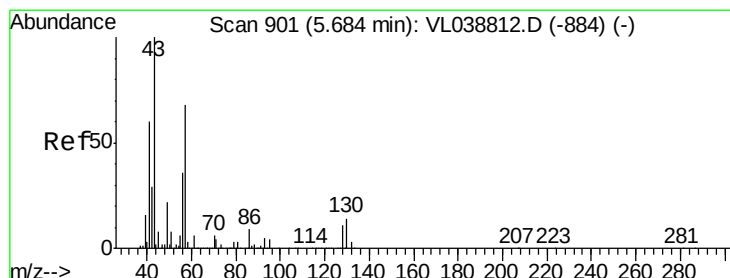
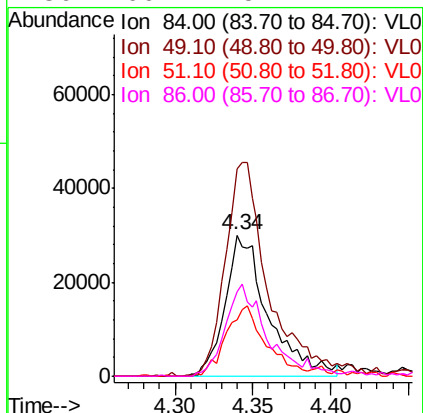


#20
Methvlene Chloride
Concen: 1.232 ppbv m
RT: 4.34
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 11 Apr 2022 16:22

Tot Ion:
Ion Ratio
84 100
49 146.
51 39.
86 60.2 51.4 77.2

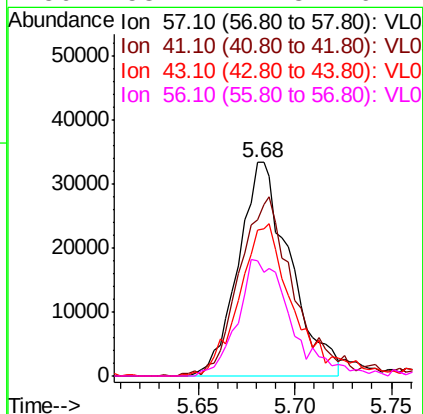
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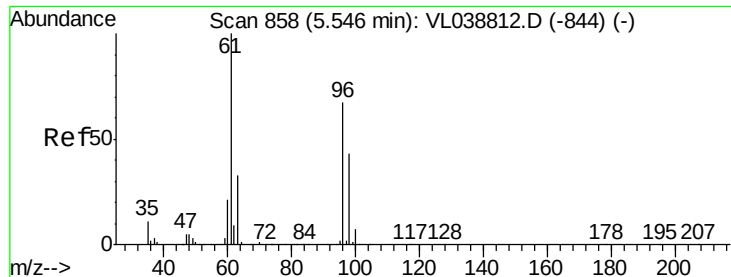
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022



#26
Hexane
Concen: 0.418 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.00 min
Lab File: VL038872.D
Acq: 11 Apr 2022 16:22

Tgt Ion: 57 Resp: 62373
Ion Ratio Lower Upper
57 100
41 92.9 72.0 108.0
43 78.1 186.6 280.0#
56 58.1 42.8 64.2





#31

cis-1,2-Dichloroethene

Concen: 0.147 ppbv

RT: 5.54 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 11 Apr 2022 16:22 SVE-INFLUENTDL

Tot Ion:

Ion Ratio

61 100

96 51.

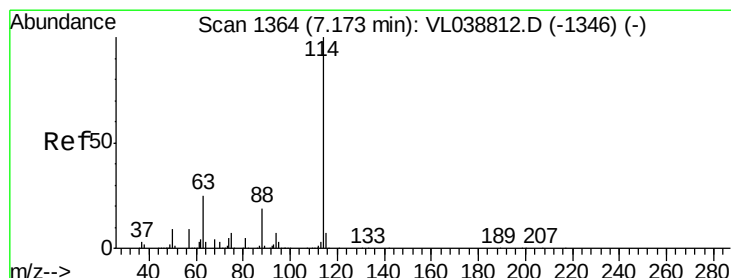
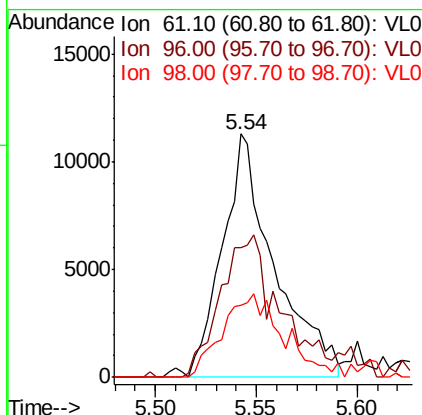
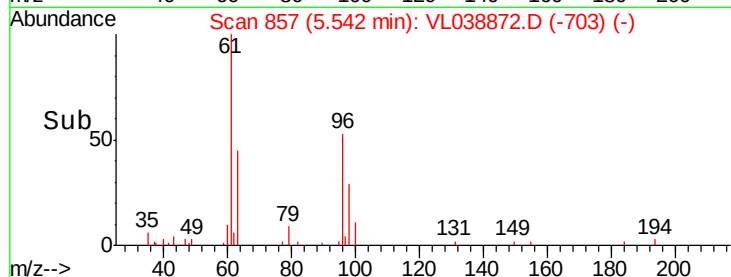
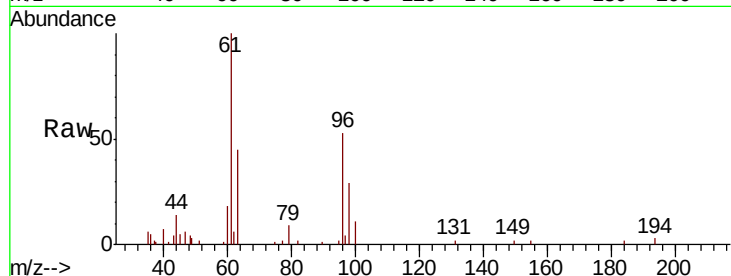
98 29.

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 min Scan# 1362

Delta R.T. -0.01 min

Lab File: VL038872.D

Acq: 11 Apr 2022 16:22

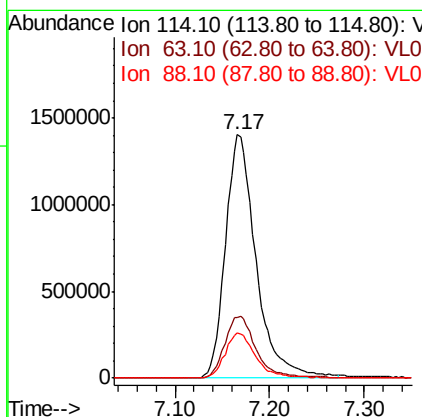
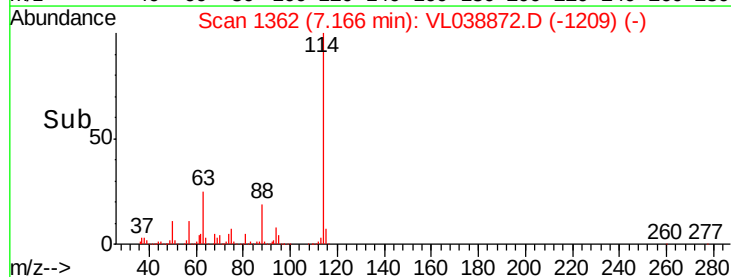
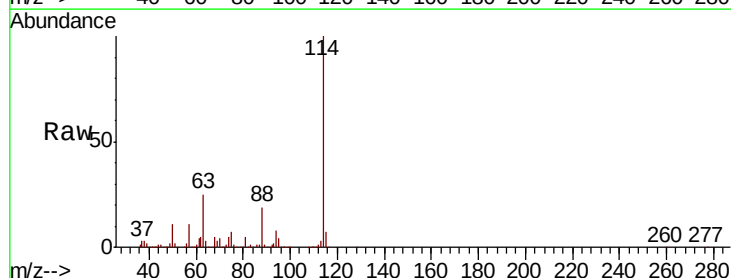
Tgt Ion:114 Resp: 3159948

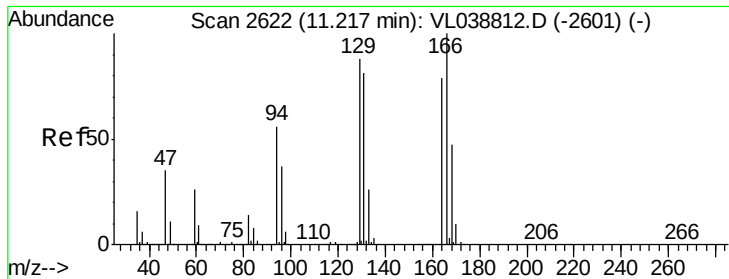
Ion Ratio Lower Upper

114 100

63 26.5 19.8 29.8

88 18.9 14.2 21.4



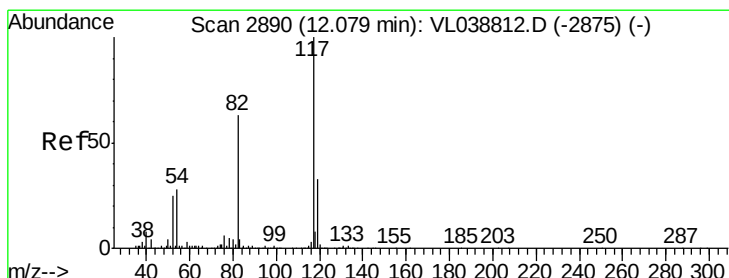
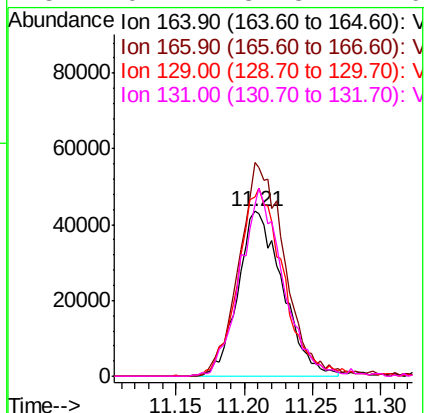
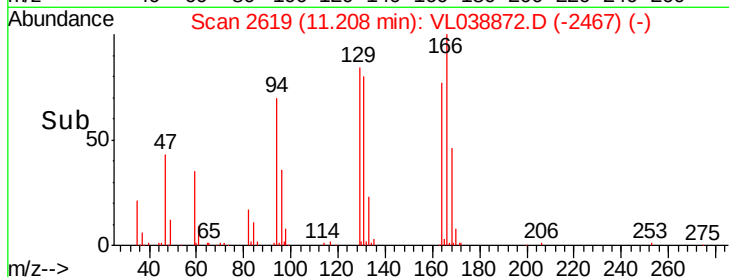
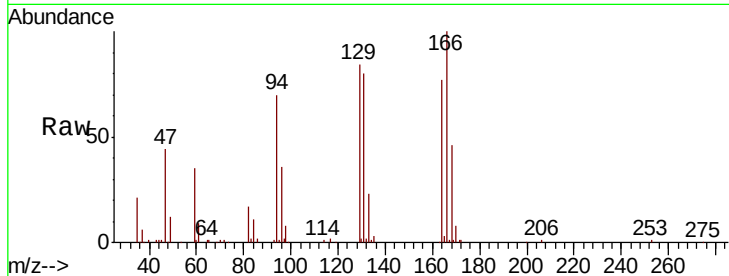


#52
Tetrachloroethene
Concen: 0.982 ppbv
RT: 11.21 min
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 11 Apr 2022 16:22

Tot Ion:1
Ion Ratio
164 100
166 129.
129 108.
131 104.2 81.8 122.6

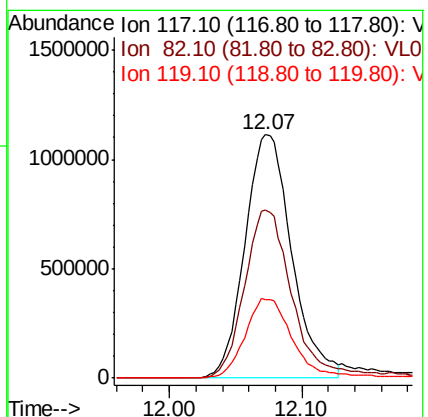
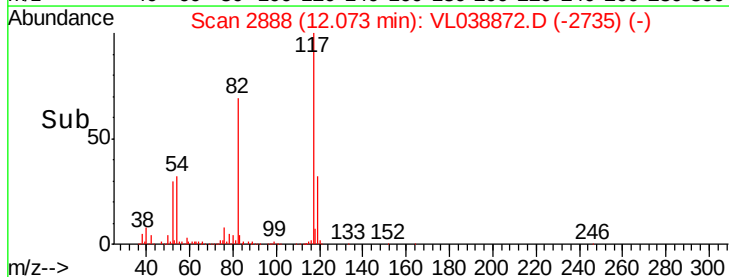
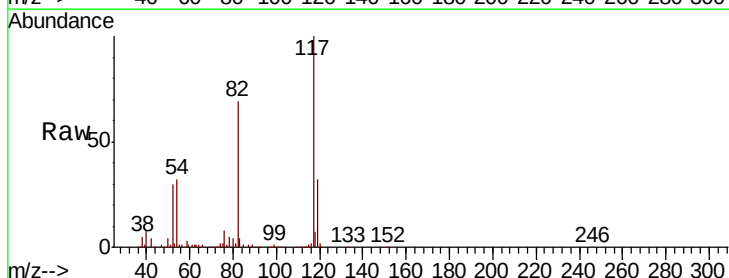
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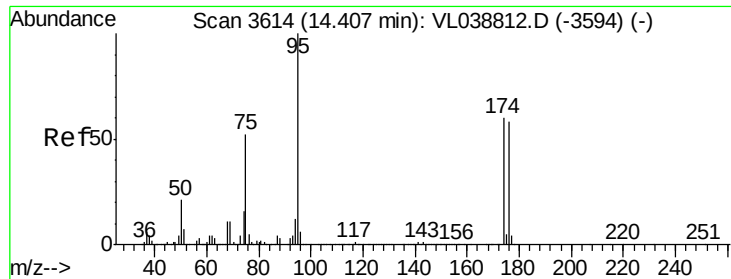
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2888
Delta R.T. -0.01 min
Lab File: VL038872.D
Acq: 11 Apr 2022 16:22

Tgt Ion:117 Resp: 2732760
Ion Ratio Lower Upper
117 100
82 75.3 53.0 79.6
119 34.6 24.9 37.3





#68

1-Bromo-4-Fluorobenzene

Concen: 10.863 ppbv

RT: 14.40

Delta R.T

Lab File: ClientSampleId :

Acq: 11 Apr 2022 10:22

Tot Ion:

Ion Ratio

95 100

174 63.

175 4.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2022

Supervised By :Mahesh Dadoda 04/14/2022

