

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121421\
 Data File : VL038168.D
 Acq On : 14 Dec 2021 16:07
 Operator : SY/AP
 Sample : M5045-01DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-6BDL

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 12/15/2021
 Supervised By :Semsettin Yesilyurt 12/16/2021

Quant Time: Dec 15 06:10:35 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821A
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument:
 QLast Update : Thu Nov 18 13:16:09 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.63	49	1078519	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.14	114	2794824	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.04	117	2406459	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.37	95	1802474	10.38	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.59	45	102000	12.654	ppbv	99
15) Acetone	3.83	43	86978	0.930	ppbv	98
19) Isopropyl Alcohol	3.96	45	91660m	1.357	ppbv	
20) Methylene Chloride	4.32	84	524931	10.022	ppbv	96
26) Hexane	5.65	57	457889	3.057	ppbv #	46

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

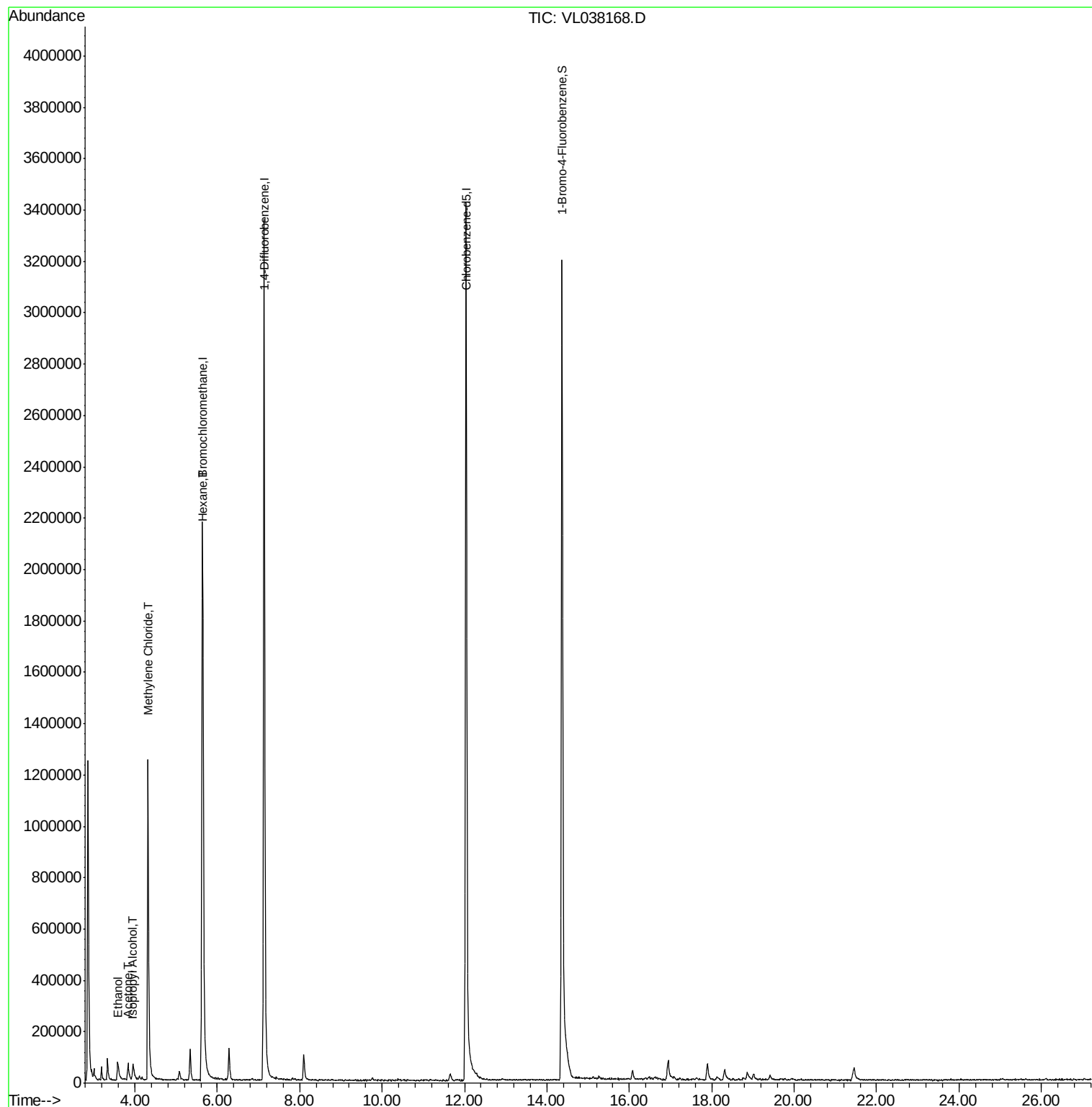
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL121421\
Data File : VL038168.D
Acq On : 14 Dec 2021 16:07
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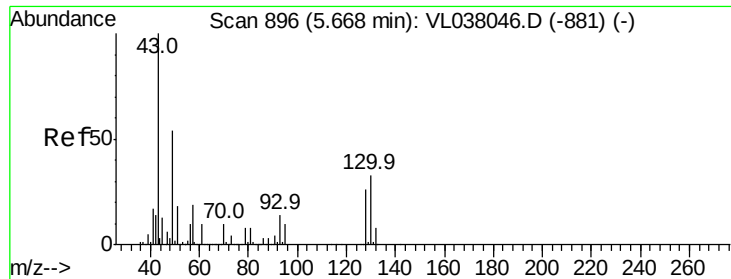
Instrument :
MSVOA_L
ClientSampleId :
IA-6BDL

Quant Time: Dec 15 06:10:35 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL111821.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Thu Nov 18 13:16:09 2021
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.63

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 14 Dec 2021 16:07

Tot Ion:

Ion Ratio

49 100

128 48.

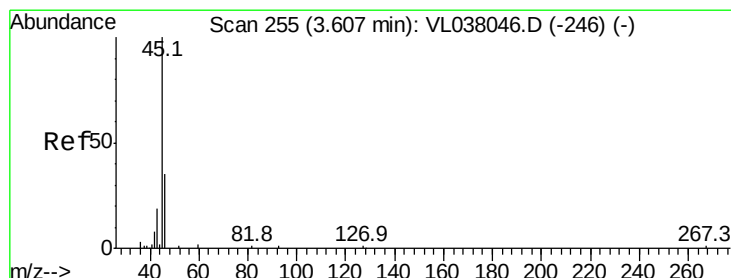
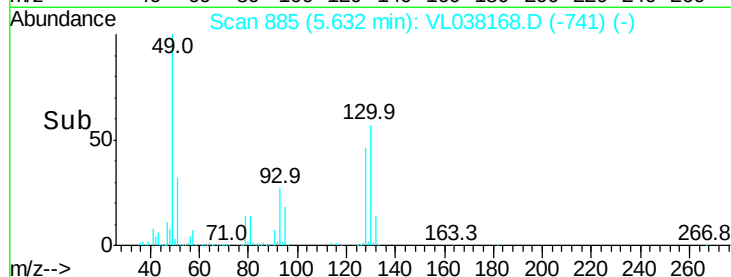
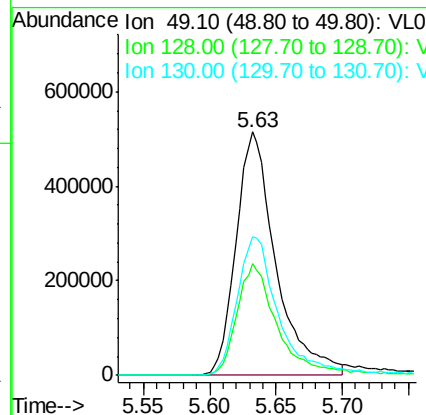
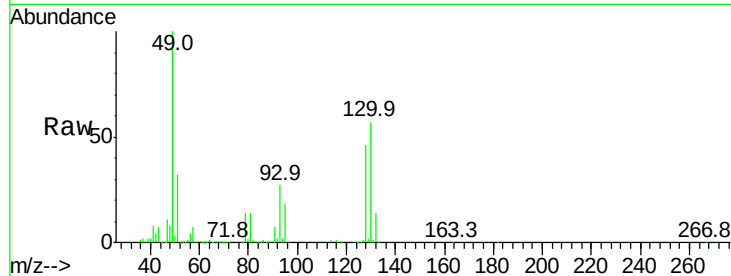
130 61.

Manual Integrations

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#13

Ethanol

Concen: 12.654 ppbv

RT: 3.59 min Scan# 249

Delta R.T. -0.02 min

Lab File: VL038168.D

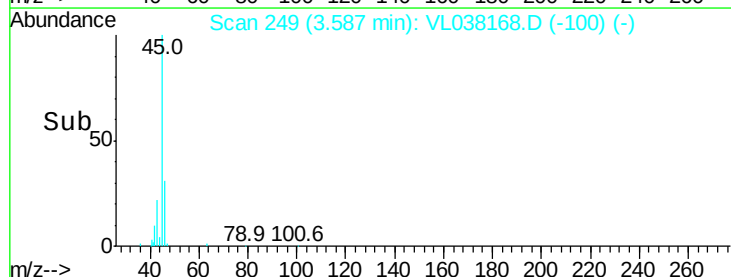
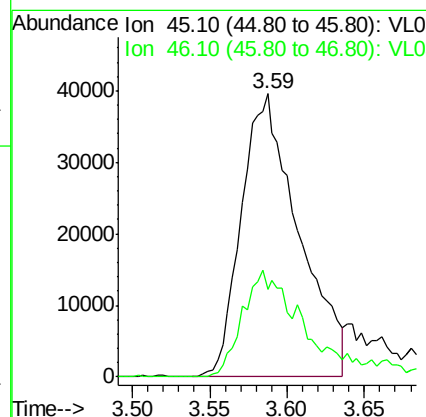
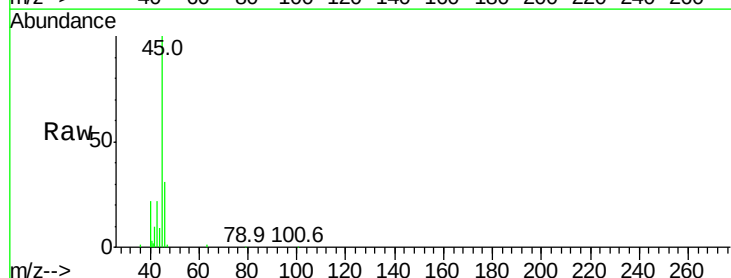
Acq: 14 Dec 2021 16:07

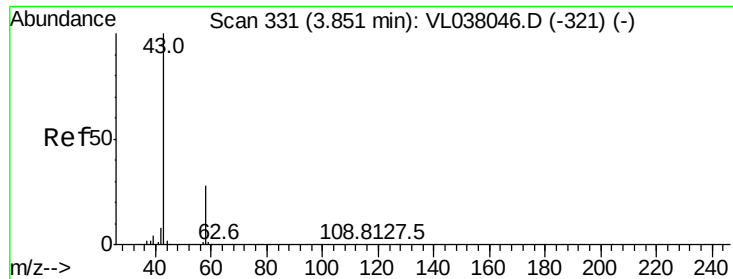
Tgt Ion: 45 Resp: 102000

Ion Ratio Lower Upper

45 100

46 43.2 17.6 70.2



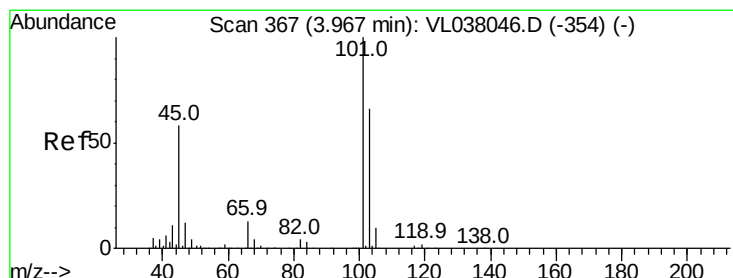
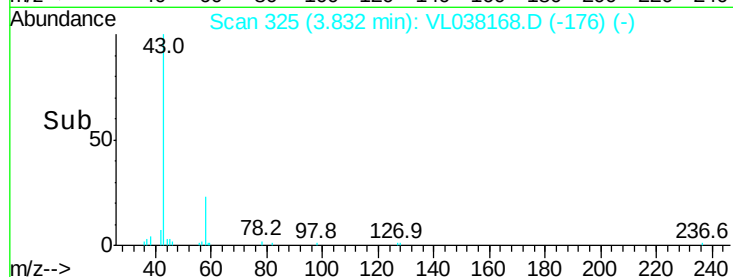
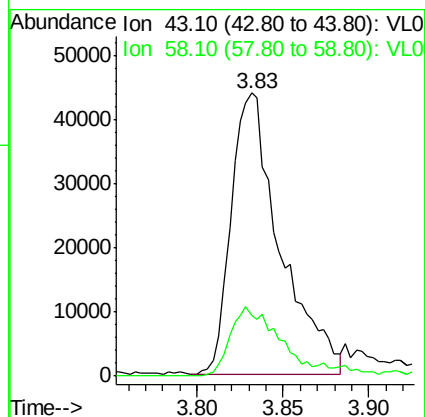
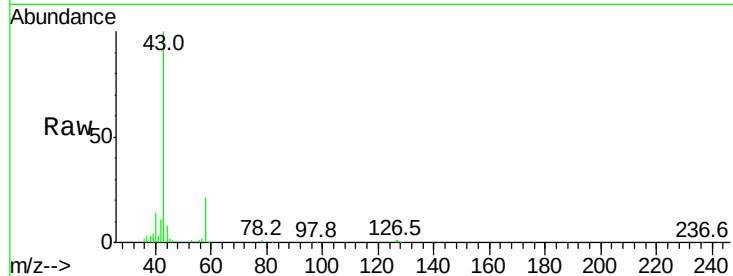


#15
Acetone
Concen: 0.930 ppbv
RT: 3.83
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 14 Dec 2021 16:07

Tot Ion:
Ion Ratio
43 100
58 26.

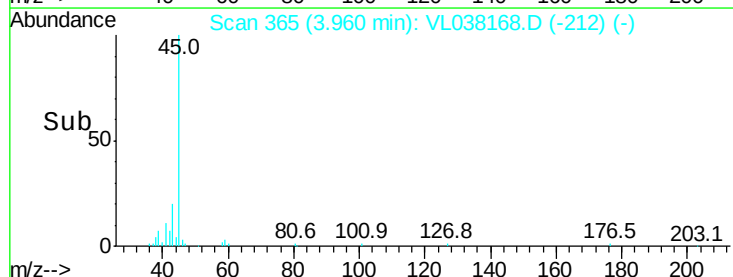
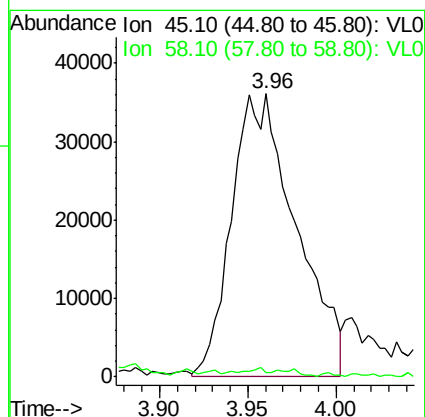
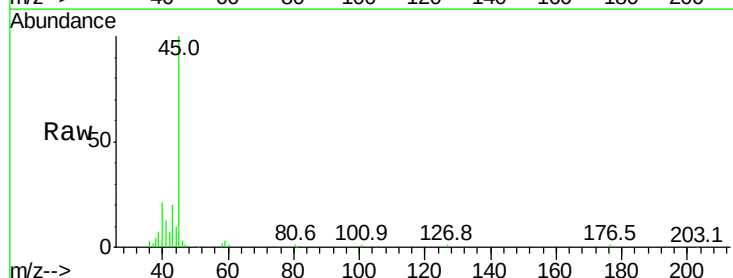
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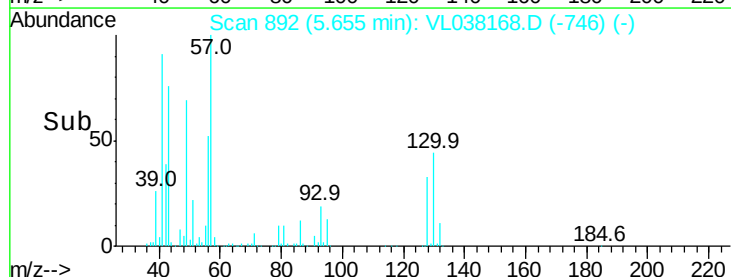
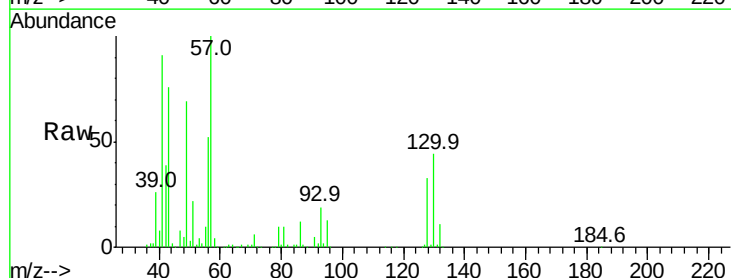
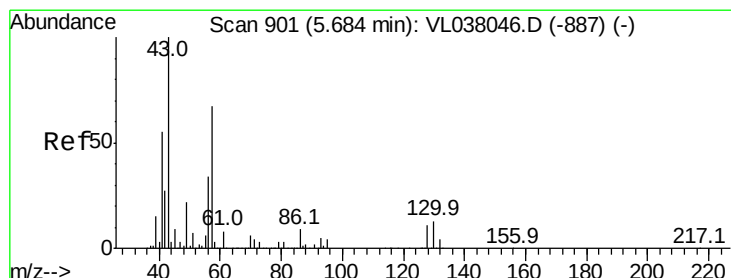
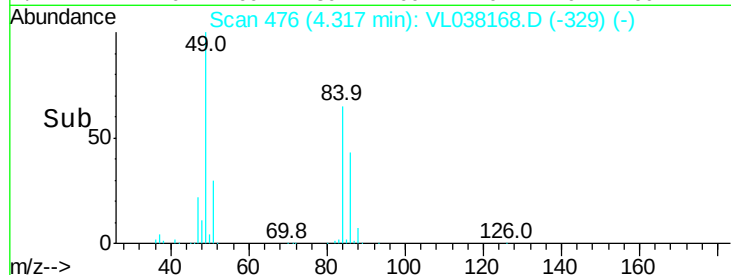
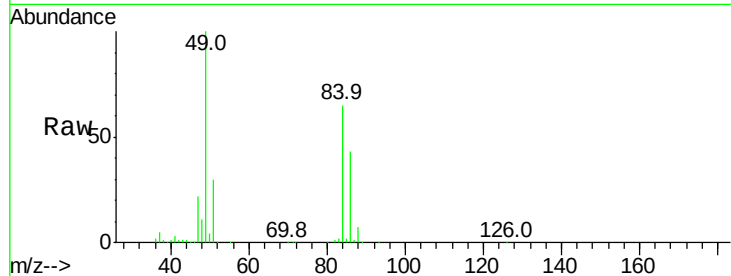
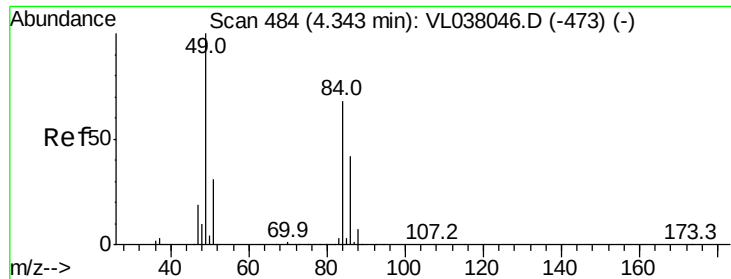
Reviewed By :Amit Patel 12/15/2021
Supervised By :Semsettin Yesilyurt 12/16/2021



#19
Isopropyl Alcohol
Concen: 1.357 ppbv m
RT: 3.96 min Scan# 365
Delta R.T. -0.01 min
Lab File: VL038168.D
Acq: 14 Dec 2021 16:07

Tgt Ion: 45 Resp: 91660
Ion Ratio Lower Upper
45 100
58 4.1 1.4 2.0#



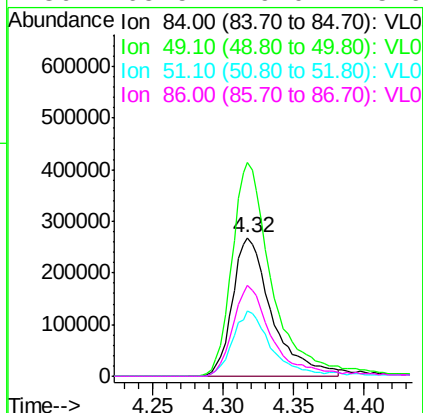


#20
Methvlene Chloride
Concen: 10.022 ppbv
RT: 4.32
Instrument : MSVOA_1
Delta R.T. :
Lab File: ClientSampleId :
Acq: 14 Dec 2021 16:07

Tot Ion:
Ion Ratio
84 100
49 154.
51 46.
86 65.5 49.0 73.6

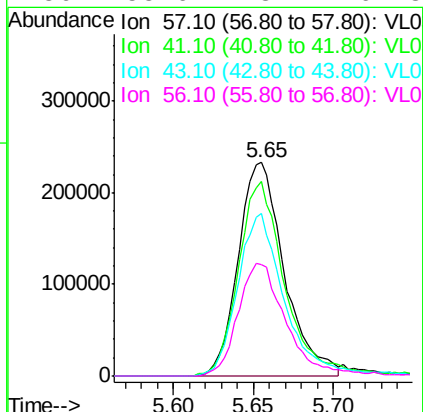
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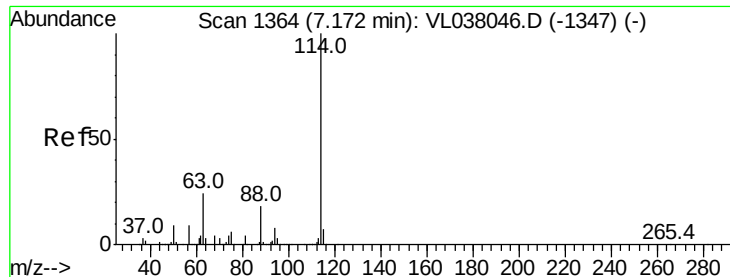
Reviewed By :Amit Patel 12/15/2021
Supervised By :Semsettin Yesilyurt 12/16/2021



#26
Hexane
Concen: 3.057 ppbv
RT: 5.65 min Scan# 892
Delta R.T. -0.03 min
Lab File: VL038168.D
Acq: 14 Dec 2021 16:07

Tgt Ion: 57 Resp: 457889
Ion Ratio Lower Upper
57 100
41 93.7 71.4 107.2
43 78.5 174.6 261.8#
56 55.6 43.2 64.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.14

Instrument: MSVOA_L

Delta R.T.

Lab File: ClientSampleId:

Acq: 14 Dec 2021 16:07

Tot Ion:1

Ion Rati

114 100

63 27.

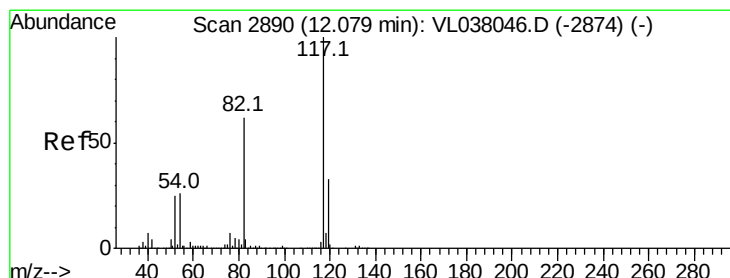
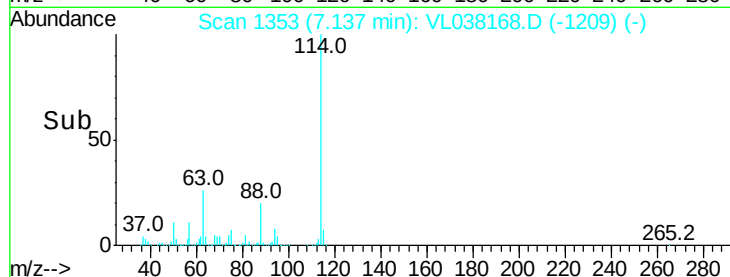
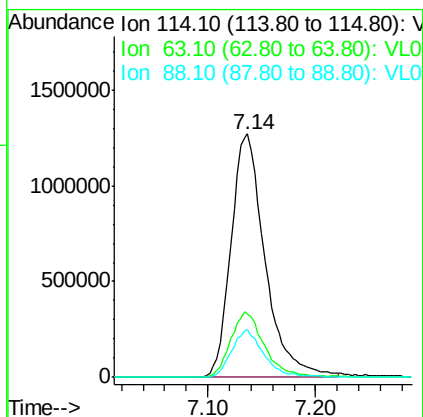
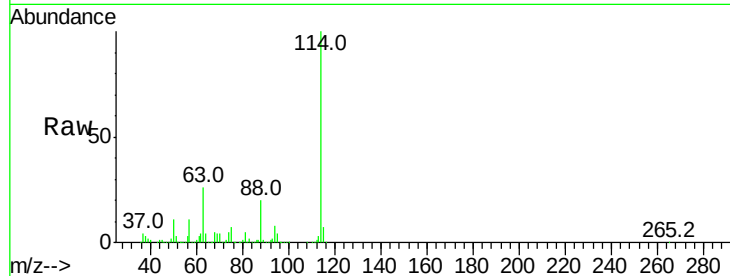
88 19.

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.04 min Scan# 2878

Delta R.T. -0.04 min

Lab File: VL038168.D

Acq: 14 Dec 2021 16:07

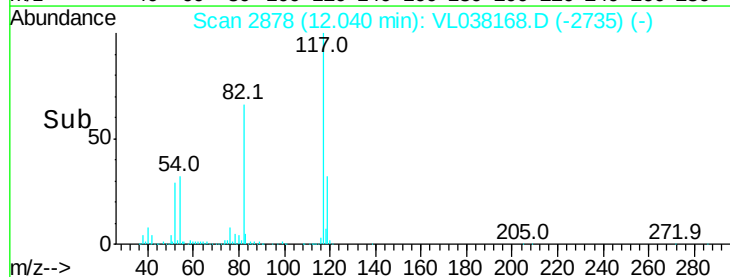
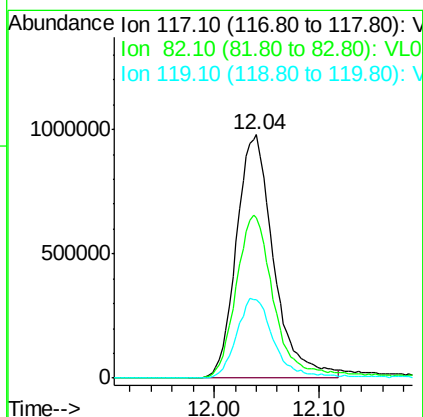
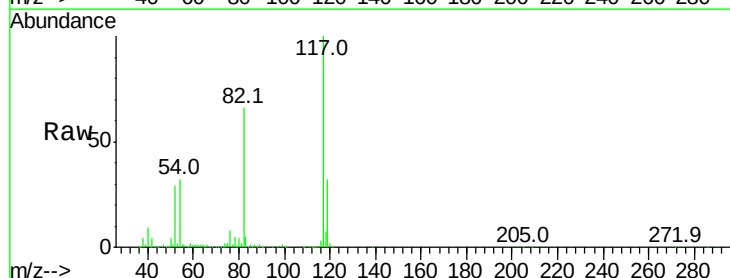
Tgt Ion:117 Resp: 2406459

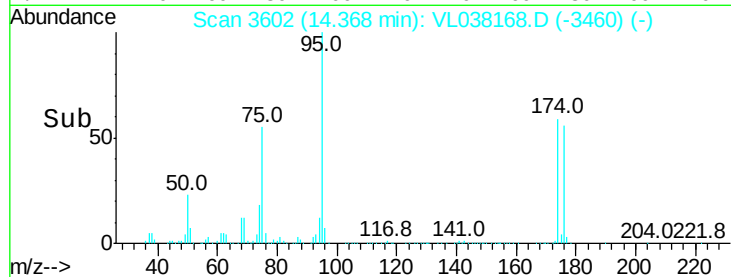
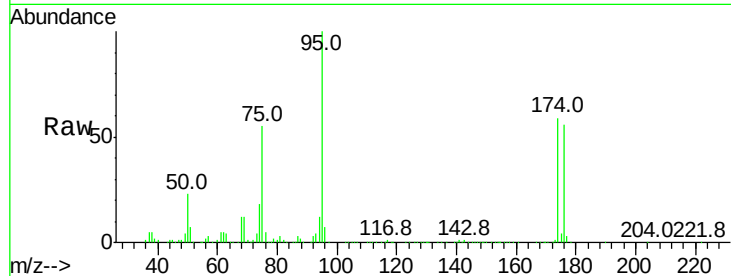
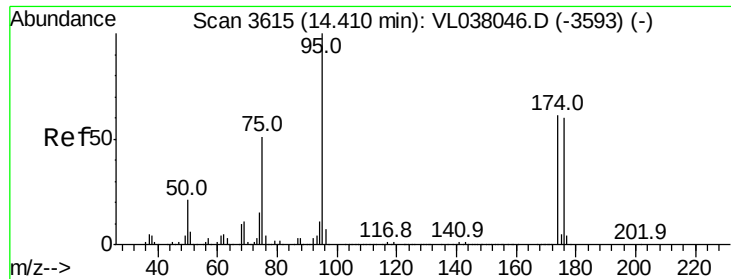
Ion Ratio Lower Upper

117 100

82 71.9 52.8 79.2

119 33.7 26.8 40.2





#68

1-Bromo-4-Fluorobenzene

Concen: 10.384 ppbv

RT: 14.37 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 14 Dec 2021 18:07

Tot Ion:

Ion Ratio

95 100

174 65.

175 4.

Manual Integrations

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