

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030222\
 Data File : VL038505.D
 Acq On : 3 Mar 2022 5:55
 Operator : SY/AP
 Sample : N1754-03DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/03/2022
 Supervised By :Mahesh Dadoda 03/07/2022

Quant Time: Mar 03 07:06:20 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022222A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Tue Feb 22 19:45:51 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	816817	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	1866451	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.09	117	1629694	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1349151	10.01	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.63	45	3864m	0.813	ppbv	
15) Acetone	3.88	43	29513m	0.425	ppbv	
19) Isopropyl Alcohol	4.00	45	26777	0.666	ppbv #	85
20) Methylene Chloride	4.35	84	13477m	0.392	ppbv	

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

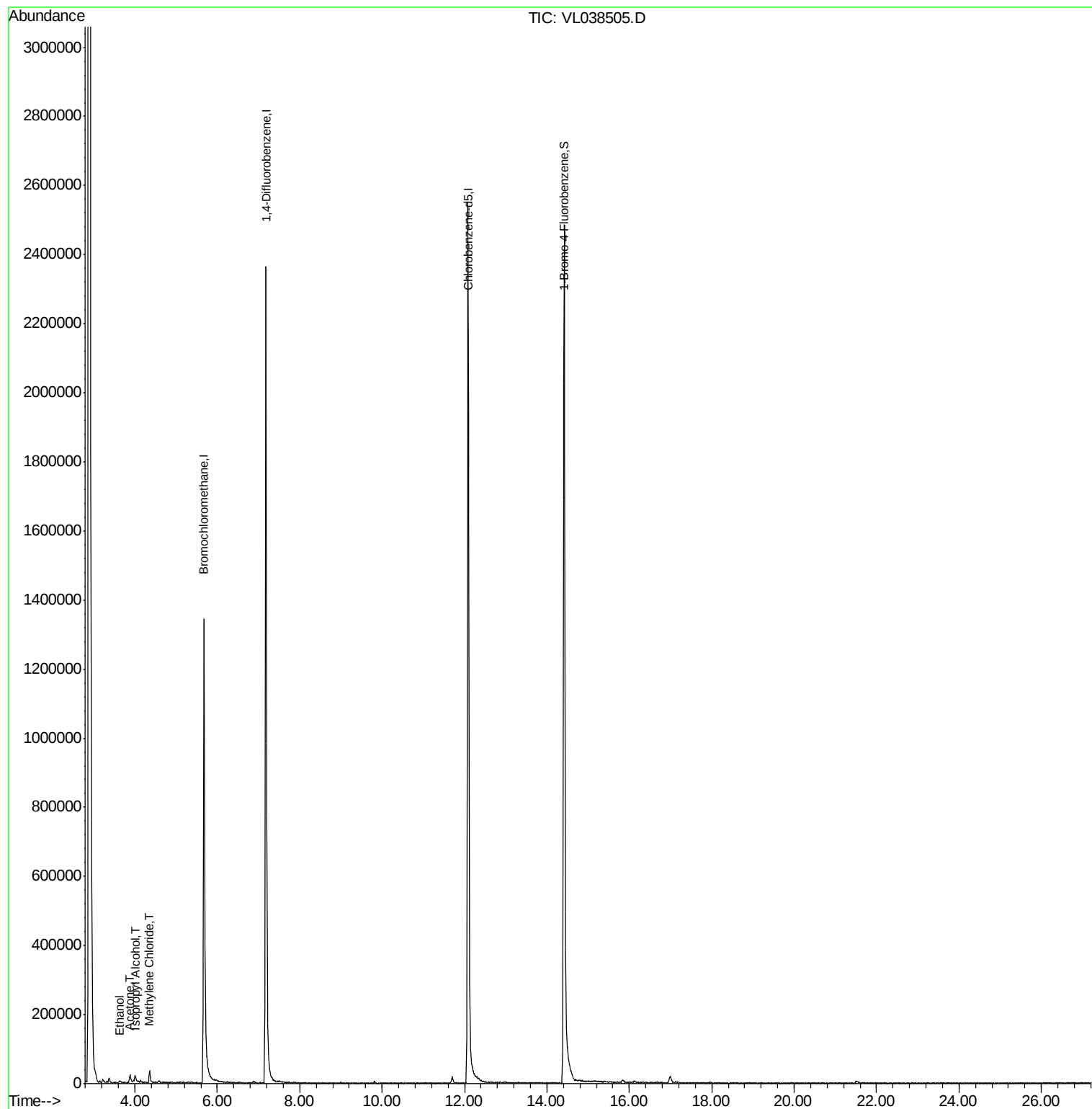
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL030222\
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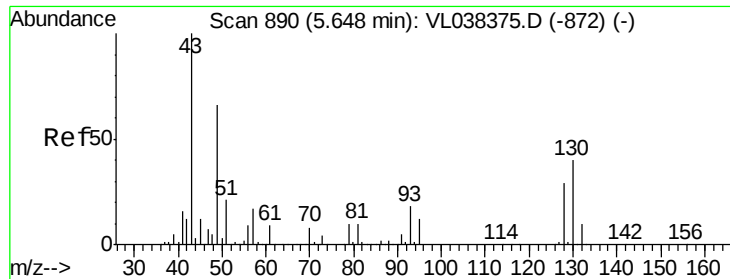
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Mar 2022 5:55

Tot Ion:

Ion Ratio

49 100

128 45.

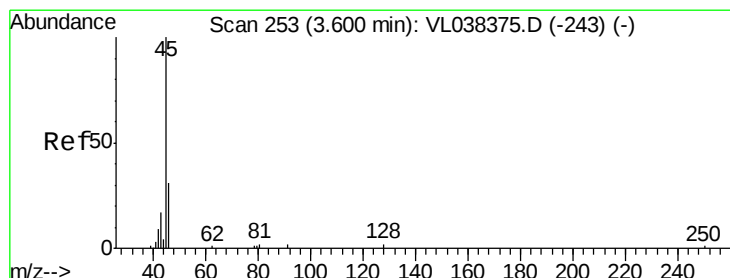
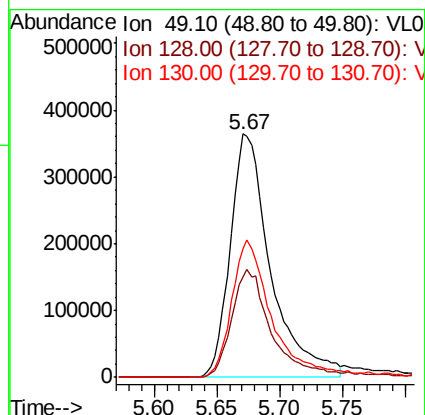
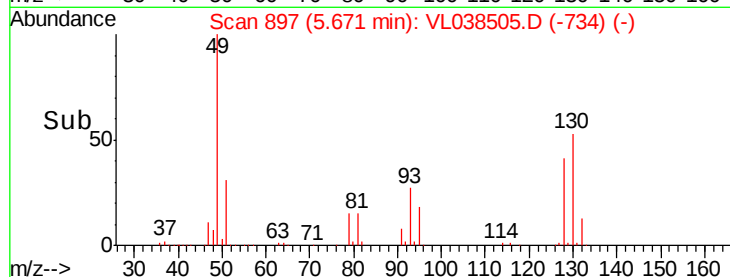
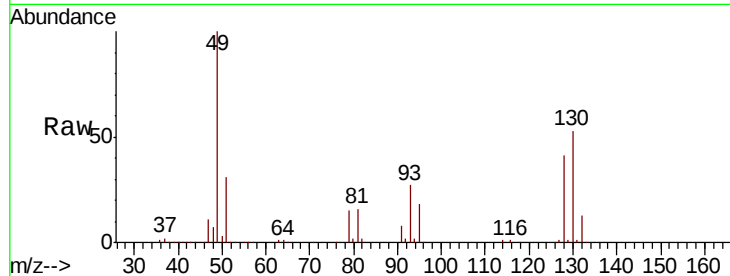
130 58.

Manual Integrations

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Supervised By :Mahesh Dadoda 03/07/2022



#13

Ethanol

Concen: 0.813 ppbv m

RT: 3.63 min Scan# 263

Delta R.T. 0.03 min

Lab File: VL038505.D

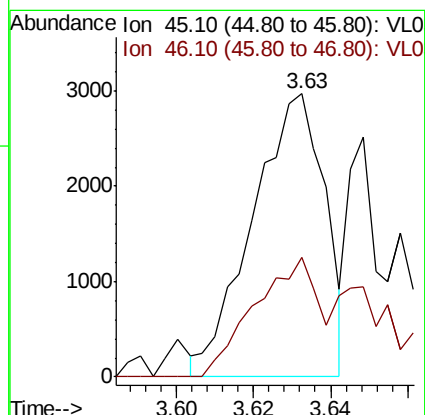
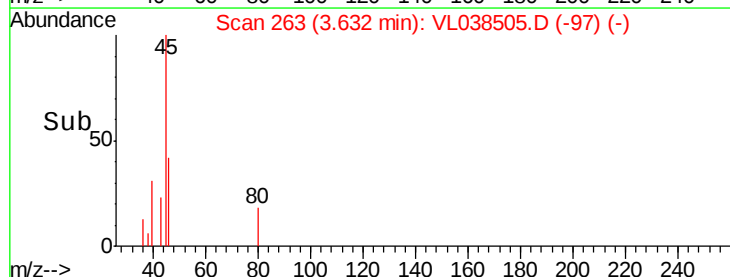
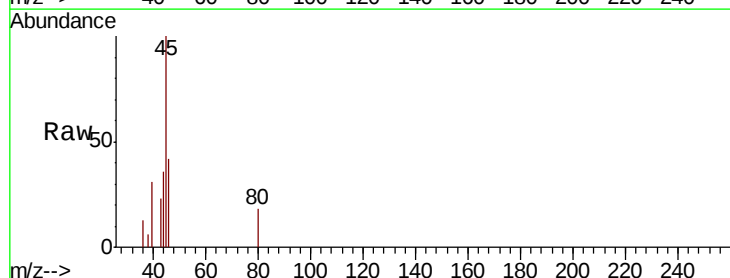
Acq: 3 Mar 2022 5:55

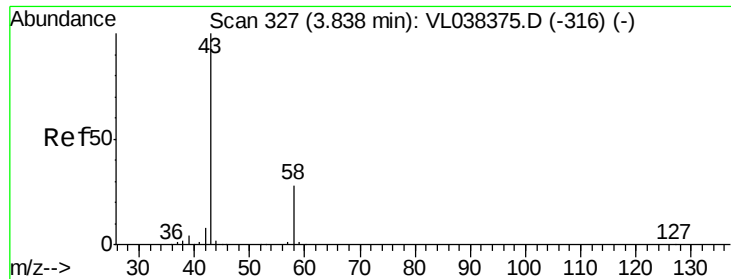
Tgt Ion: 45 Resp: 3864

Ion Ratio Lower Upper

45 100

46 60.8 18.2 72.8





#15

Acetone

Concen: 0.425 ppbv m

RT: 3.88

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Mar 2022 5:55

Tot Ion:

Ion Ratio

43 100

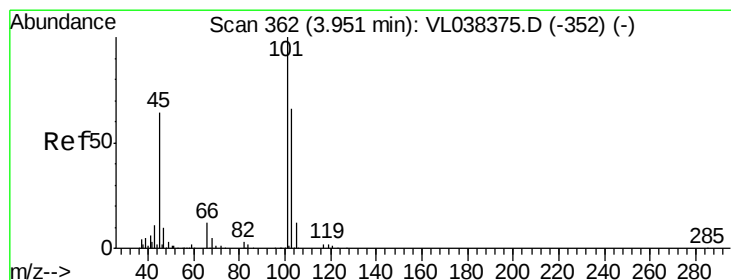
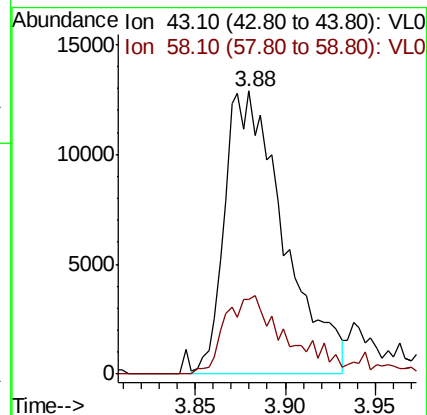
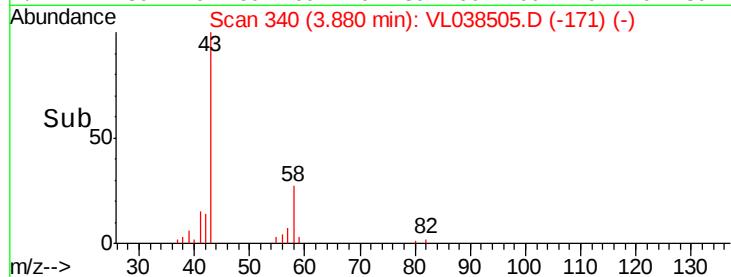
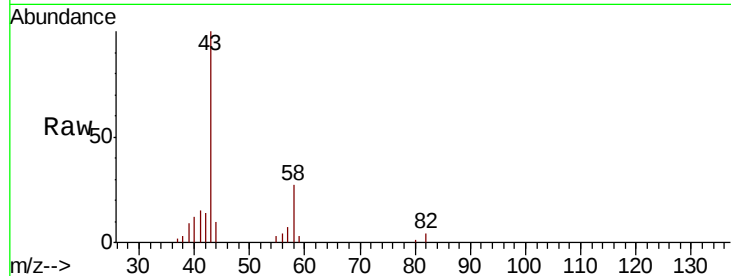
58 0.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/03/2022

Supervised By :Mahesh Dadoda 03/07/2022



#19

Isopropyl Alcohol

Concen: 0.666 ppbv

RT: 4.00 min Scan# 378

Delta R.T. 0.05 min

Lab File: VL038505.D

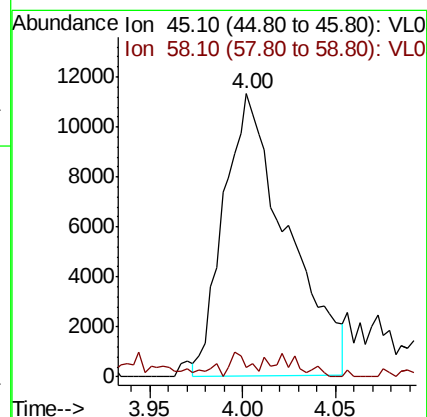
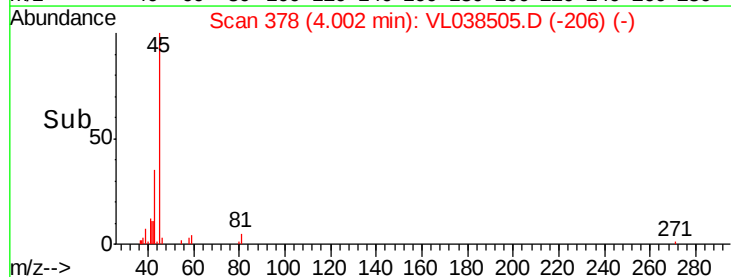
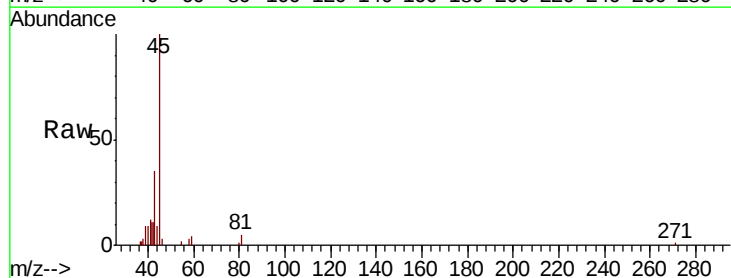
Acq: 3 Mar 2022 5:55

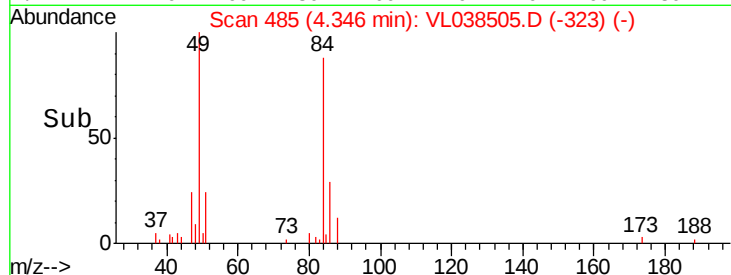
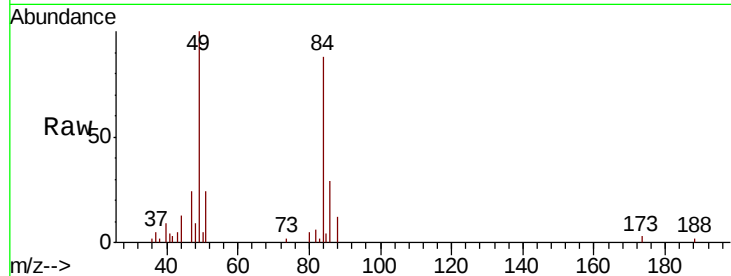
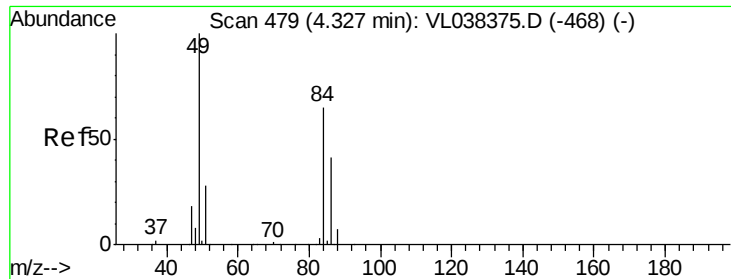
Tgt Ion: 45 Resp: 26777

Ion Ratio Lower Upper

45 100

58 7.6 1.8 2.8#



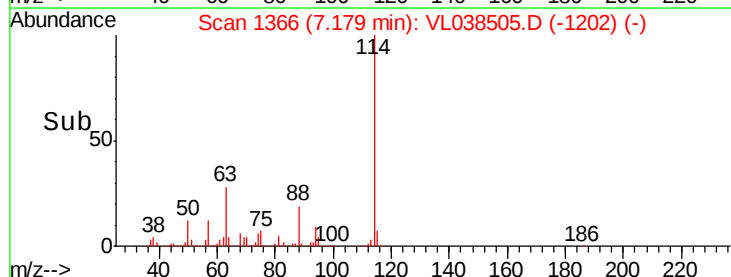
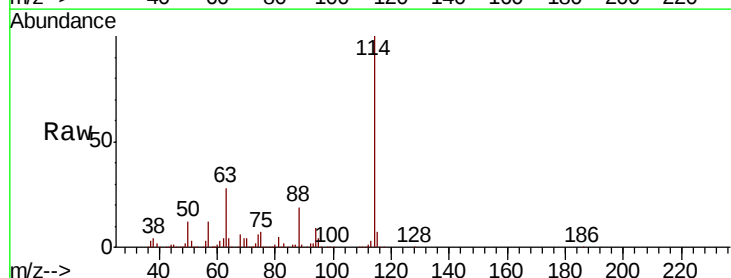
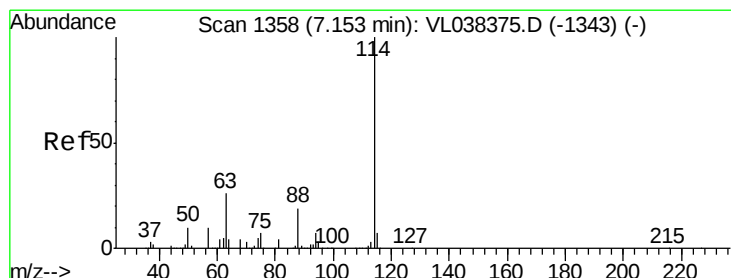
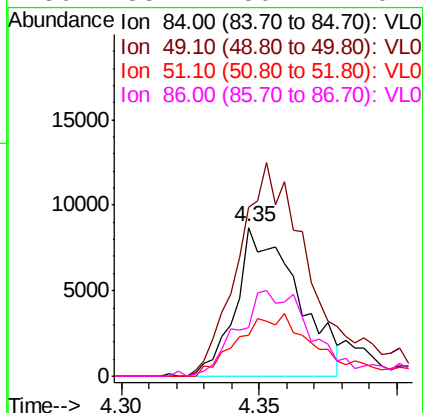


#20
Methvlene Chloride
Concen: 0.392 ppbv m
RT: 4.35
Instrument : MSVOA_1
Delta R.T. :
Lab File: ClientSampleId :
Acq: 3 Mar 2022 5:55

Tot Ion:
Ion Ratio
84 100
49 114.
51 27.
86 33.2 50.7 76.1#

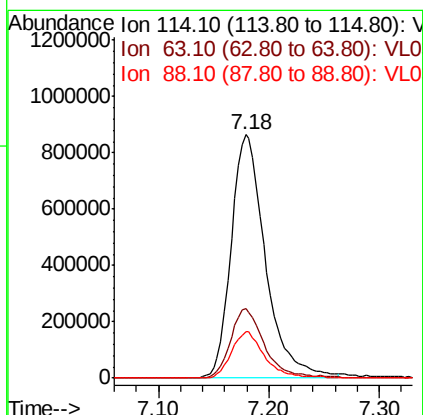
Manual Integrations
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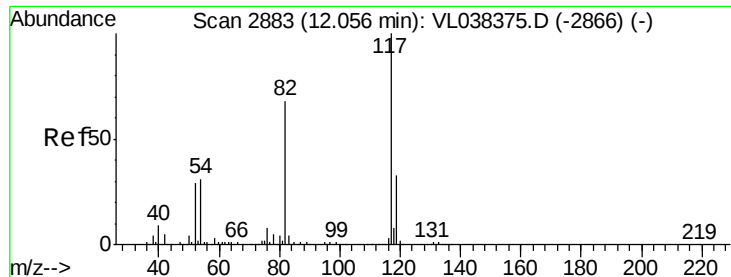
Reviewed By :Semsettin Yesilyurt 03/03/2022
Supervised By :Mahesh Dadoda 03/07/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. 0.03 min
Lab File: VL038505.D
Acq: 3 Mar 2022 5:55

Tgt Ion:114 Resp: 1866451
Ion Ratio Lower Upper
114 100
63 28.8 22.2 33.2
88 19.0 15.2 22.8



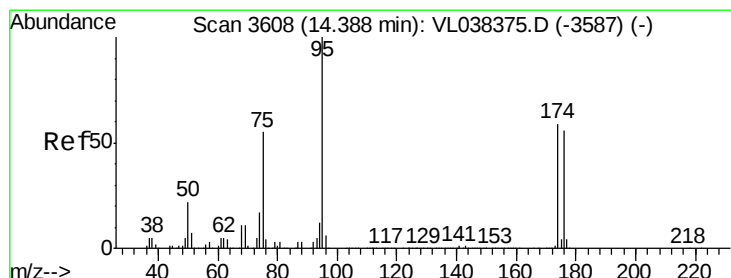
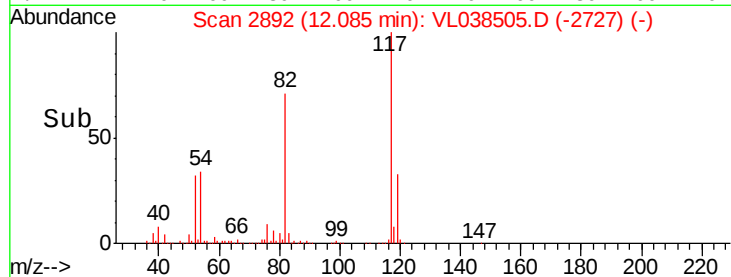
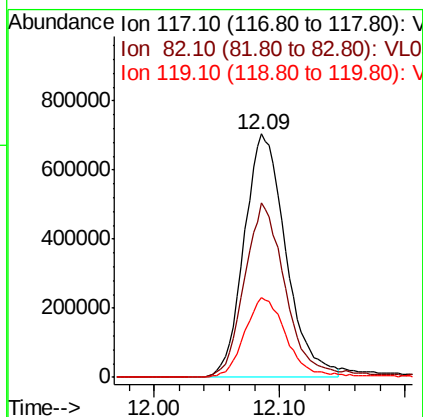
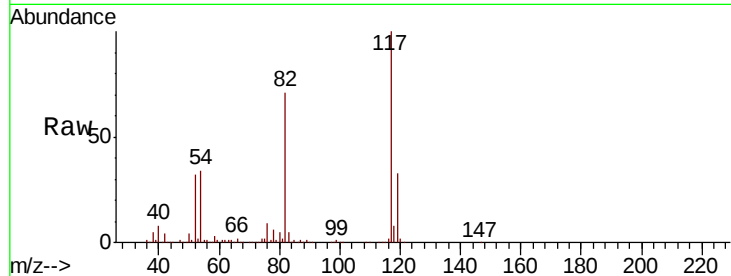


#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.09 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 3 Mar 2022 5:55

Tot Ion: 1
 Ion Ratio
 117 100
 82 73.4
 119 34.4

Manual Integrations
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 Supervised By : Mahesh Dadoda 03/07/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.005 ppbv
 RT: 14.42 min Scan# 3617
 Delta R.T.: 0.03 min
 Lab File: VL038505.D
 Acq: 3 Mar 2022 5:55

Tgt Ion: 95 Resp: 1349151
 Ion Ratio Lower Upper
 95 100
 174 59.4 49.0 73.4
 175 4.2 3.6 5.4

