

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030322\
 Data File : VL038524.D
 Acq On : 3 Mar 2022 21:50
 Operator : SY/AP
 Sample : CAN 10326
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10326

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/05/2022
 Supervised By : Mahesh Dadoda 03/07/2022

Quant Time: Mar 04 06:29:34 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	5.64	49	780478	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.14	114	1687862	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.05	117	1236868	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	1048977	10.25	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.61	45	8687m	1.913	ppbv	
15) Acetone	3.84	43	26930m	0.406	ppbv	
20) Methylene Chloride	4.33	84	89746	2.729	ppbv	95
26) Hexane	5.66	57	50786	0.629	ppbv #	39

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

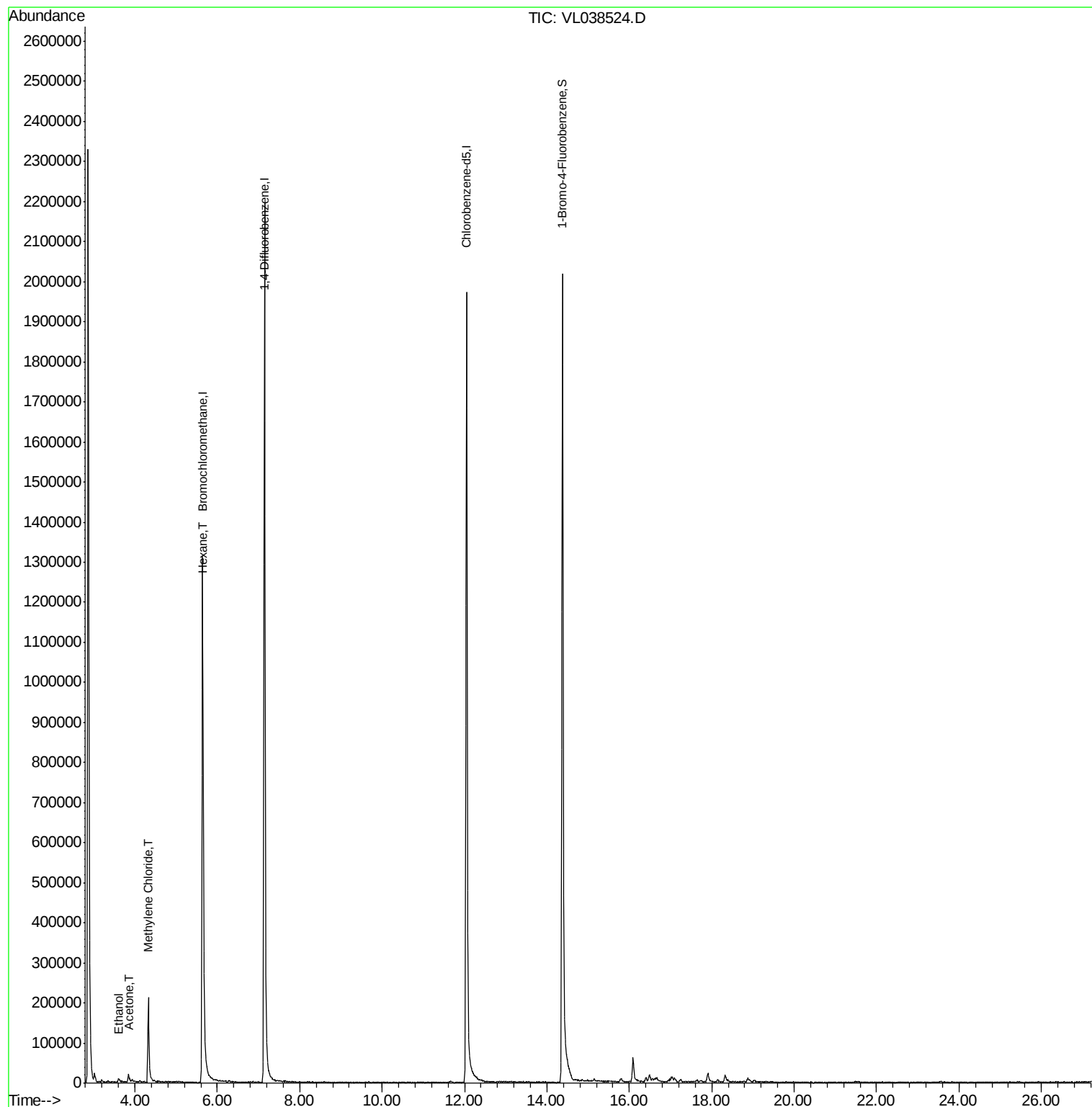
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL030322\
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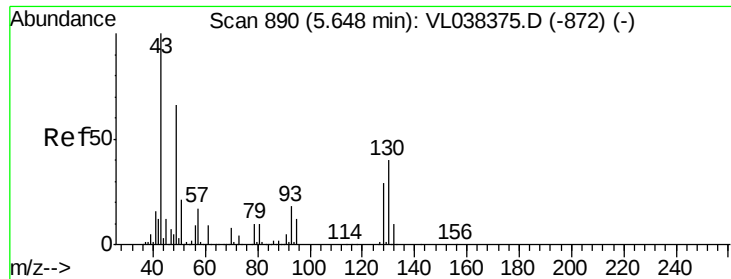
Instrument :
MSVOA_L
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL022222
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 Instrument: MSVOA_1

Delta R.T. 0.01

Lab File: ClientSampleId :

Acq: 3 Mar 2022 21:50

Tot Ion:

Ion Ratio

49 100

128 44.

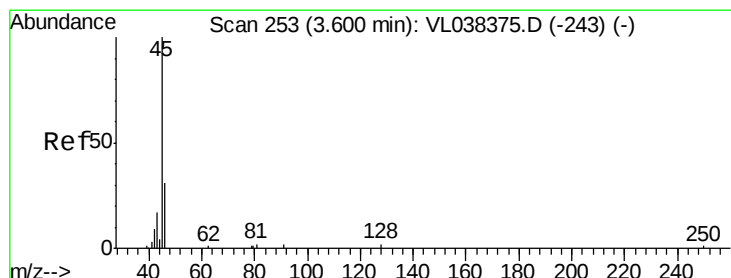
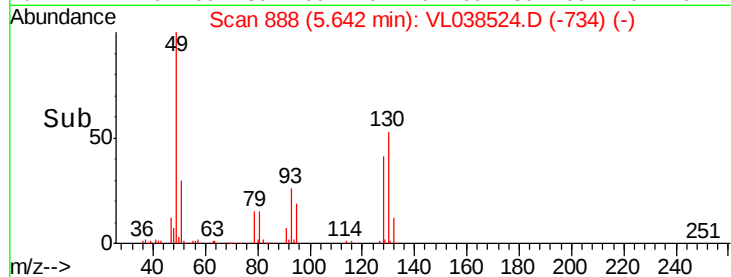
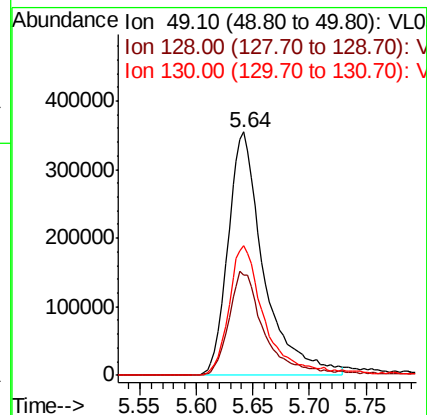
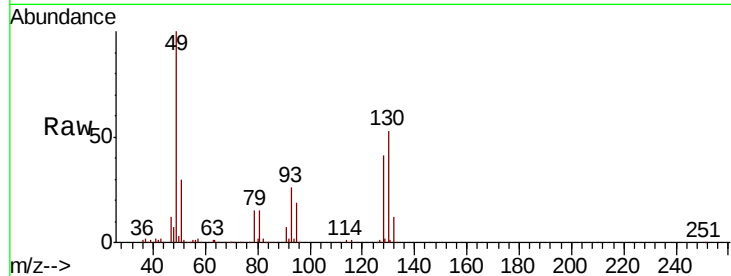
130 56.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/07/2022



#13

Ethanol

Concen: 1.913 ppbv m

RT: 3.61 min Scan# 255

Delta R.T. 0.01 min

Lab File: VL038524.D

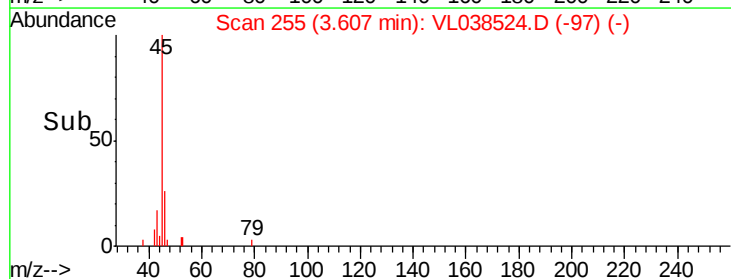
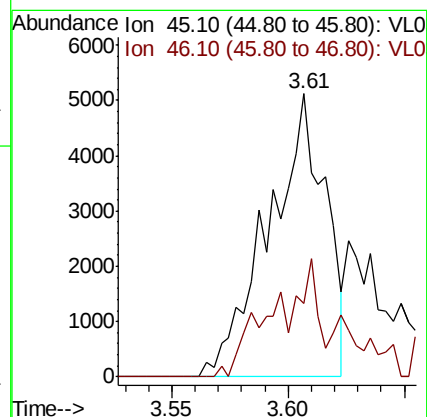
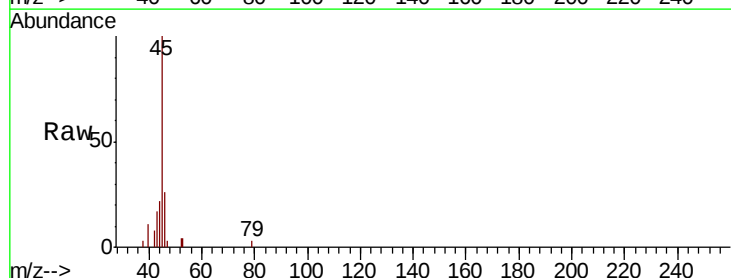
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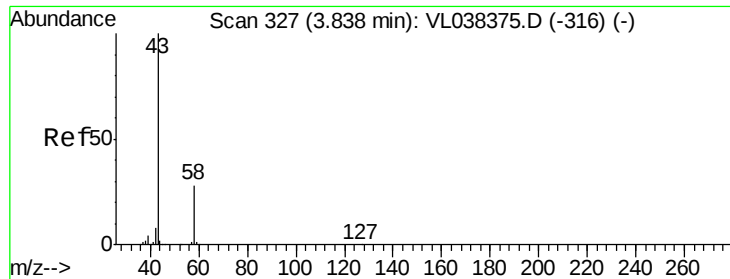
Tgt Ion: 45 Resp: 8687

Ion Ratio Lower Upper

45 100

46 0.0 18.2 72.8#





#15

Acetone

Concen: 0.406 ppbv m

RT: 3.84 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Mar 2022 21:50

Tot Ion:

Ion Ratio

43 100

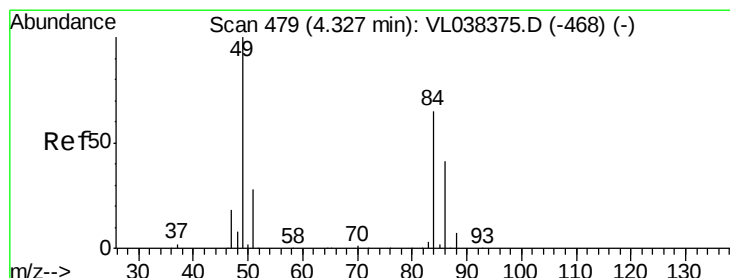
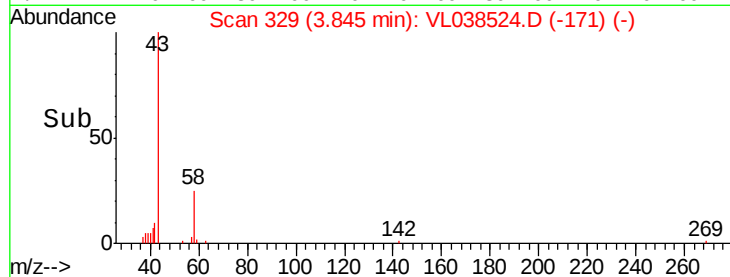
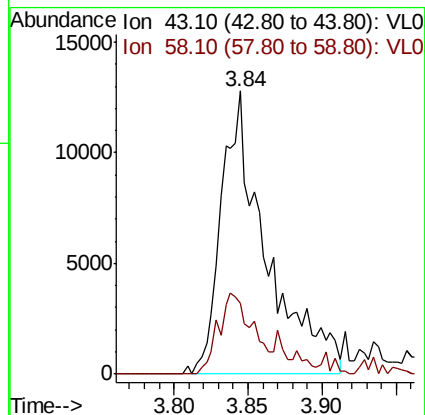
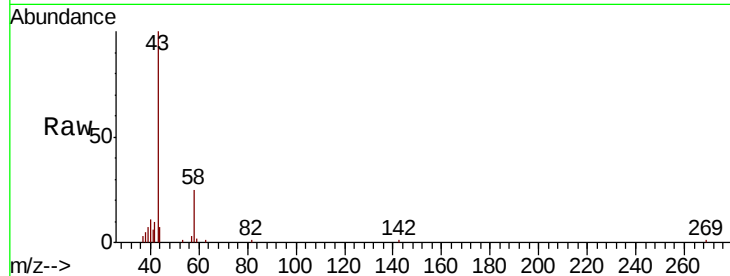
58 29.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/07/2022



#20

Methylene Chloride

Concen: 2.729 ppbv

RT: 4.33 min Scan# 479

Delta R.T. 0.00 min

Lab File: VL038524.D

Acq: 3 Mar 2022 21:50

Tgt Ion: 84 Resp: 89746

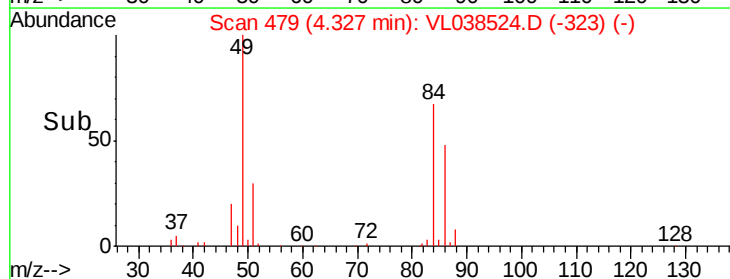
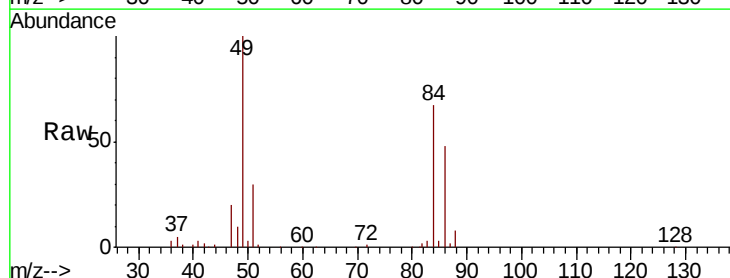
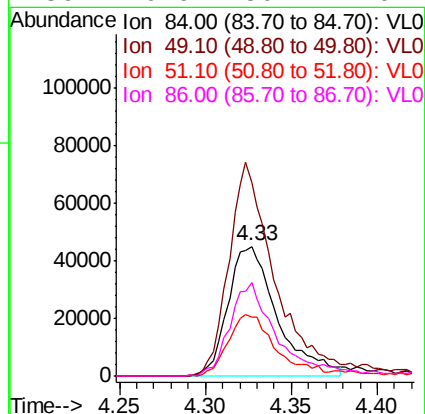
Ion Ratio Lower Upper

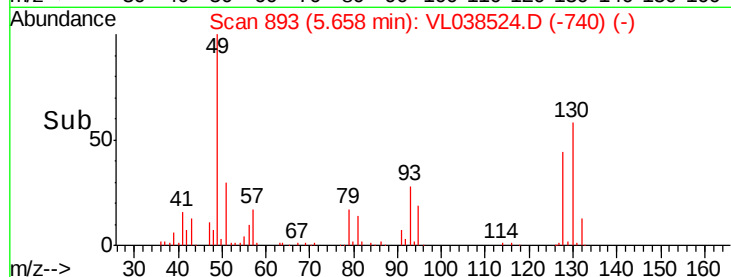
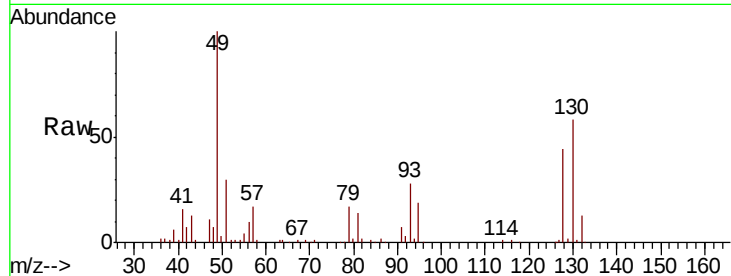
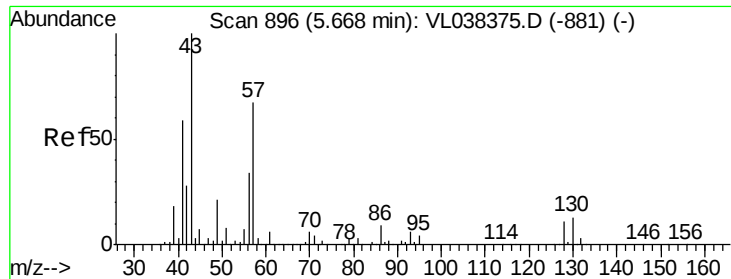
84 100

49 149.4 122.4 183.6

51 45.8 33.3 49.9

86 70.9 50.7 76.1



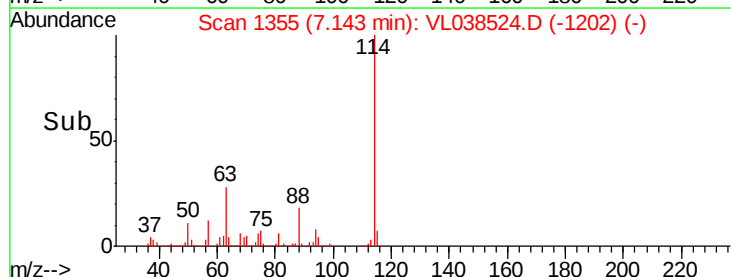
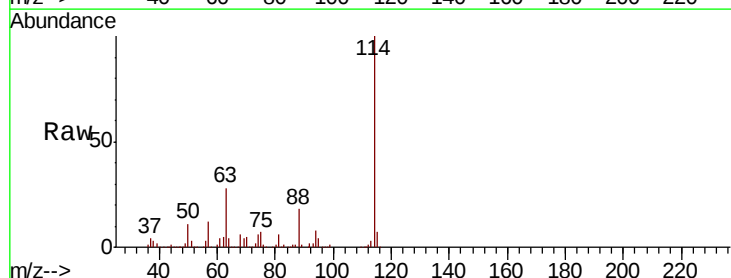
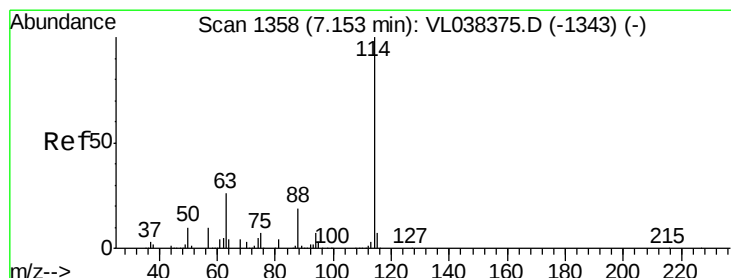
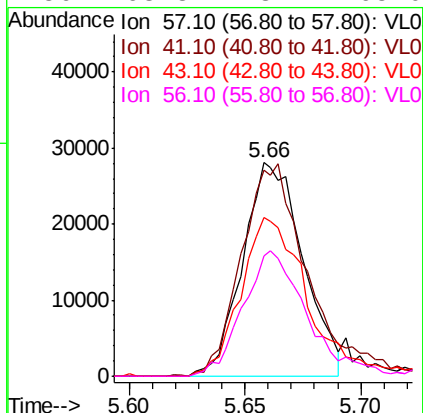


#26
Hexane
Concen: 0.629 ppbv
RT: 5.66
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 3 Mar 2022 21:50

Tot Ion:
Ion Ratio
57 100
41 113.
43 84.
56 63.8 43.4 65.0

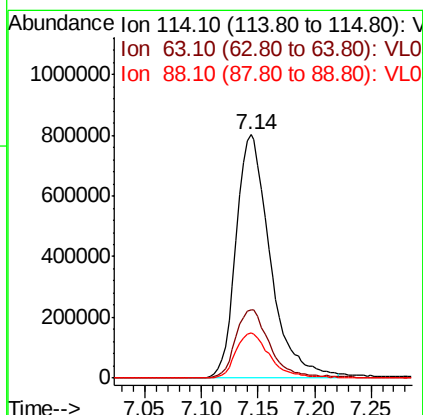
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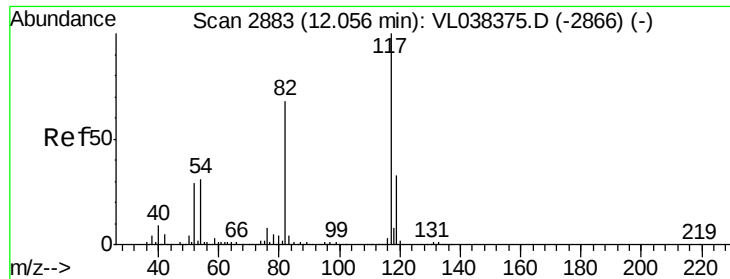
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.14 min Scan# 1355
Delta R.T. -0.01 min
Lab File: VL038524.D
Acq: 3 Mar 2022 21:50

Tgt Ion:114 Resp: 1687862
Ion Ratio Lower Upper
114 100
63 29.1 22.2 33.2
88 18.9 15.2 22.8



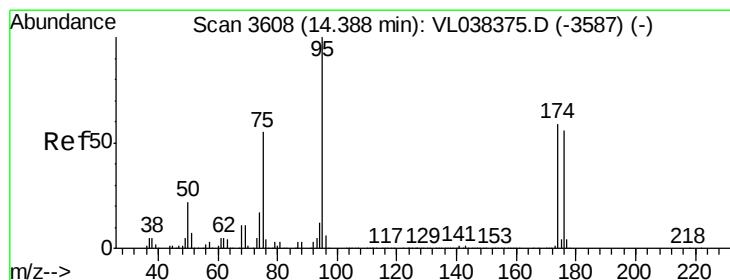
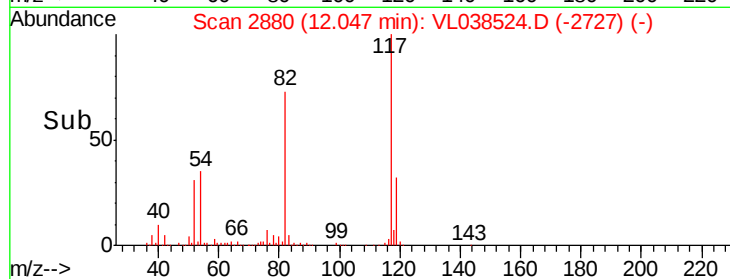
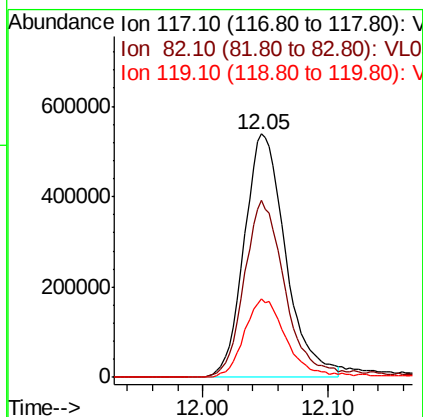
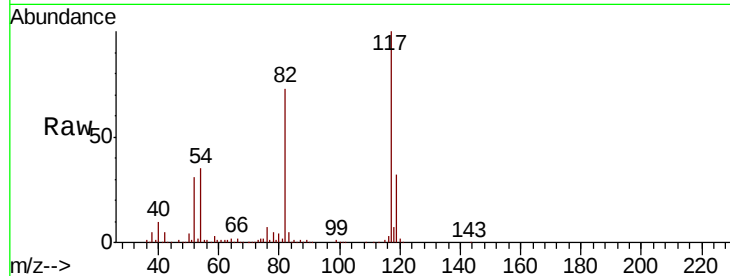


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.05
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 3 Mar 2022 21:50

Tot Ion:1
Ion Rati
117 100
82 75.
119 33.

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 10.250 ppbv
RT: 14.38 min Scan# 3605
Delta R.T. -0.01 min
Lab File: VL038524.D
Acq: 3 Mar 2022 21:50

Tgt Ion: 95 Resp: 1048977
Ion Ratio Lower Upper
95 100
174 60.7 49.0 73.4
175 4.3 3.6 5.4

