

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030222\
 Data File : VL038482.D
 Acq On : 2 Mar 2022 15:10
 Operator : SY/AP
 Sample : N1724-01 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-02

Manual Integrations
 APPROVED

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

Quant Time: Mar 02 23:22:28 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	924776	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	2068307	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	1802092	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1479806	9.92	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl Chloride	3.26	62	3018m	0.051	ppbv	
9) Propene	3.02	41	87971	1.632	ppbv #	70
13) Ethanol	3.63	45	5889m	1.094	ppbv	
15) Acetone	3.87	43	48110m	0.612	ppbv	
20) Methylene Chloride	4.35	84	42448	1.089	ppbv	98
26) Hexane	5.69	57	34205	0.357	ppbv #	41

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

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Quant Time: Mar 02 23:22:28 2022

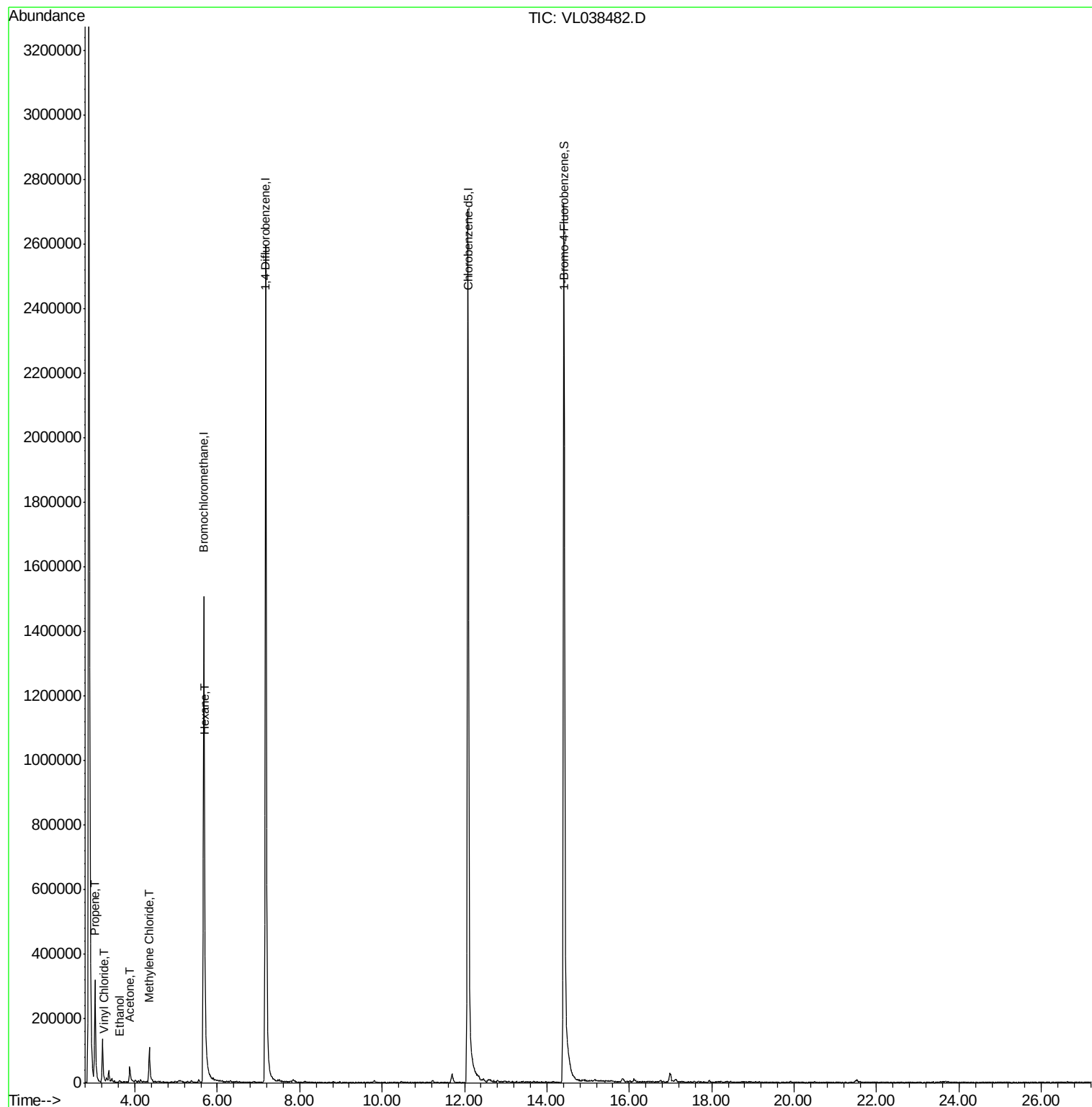
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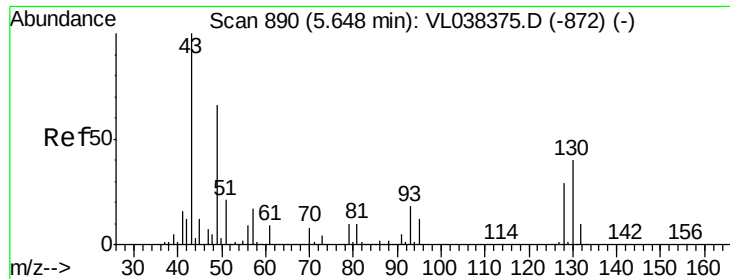
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Tue Feb 22 19:45:51 2022

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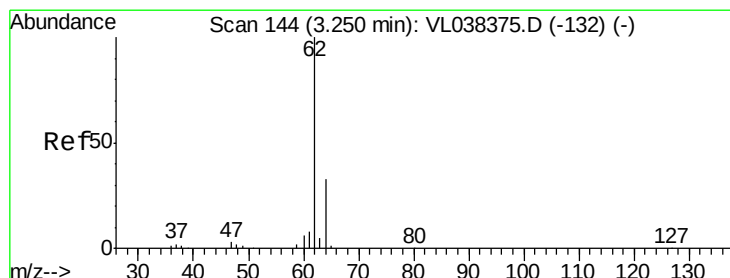
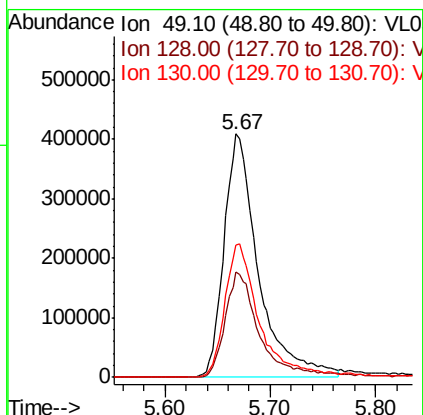
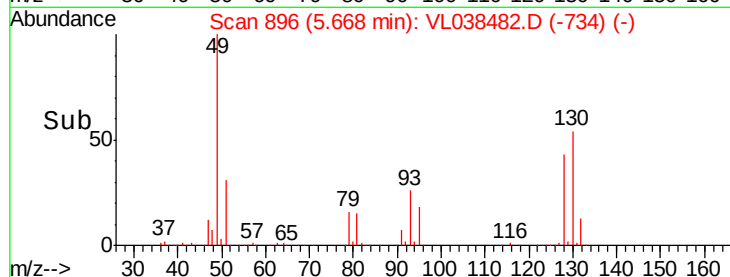
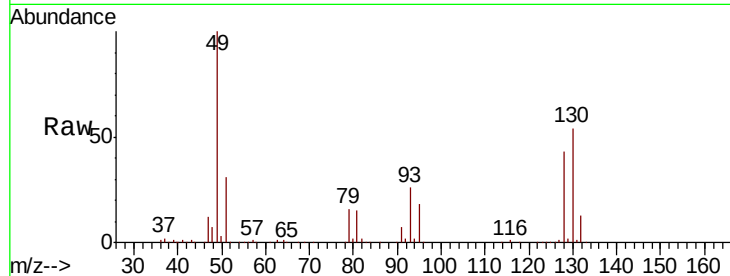


#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.67
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 2 Mar 2022 15:10

Tot Ion:
 Ion Ratio
 49 100
 128 44.
 130 56.

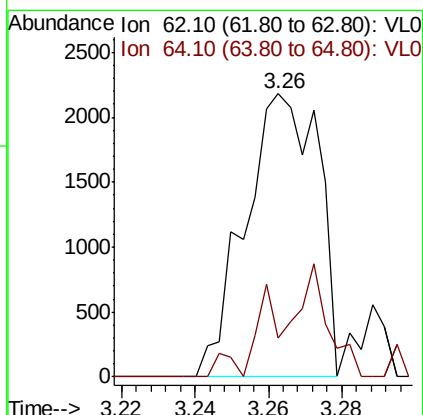
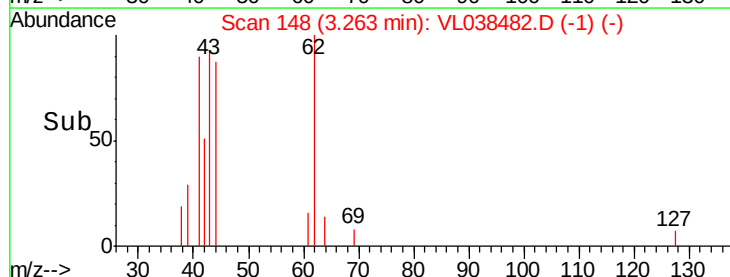
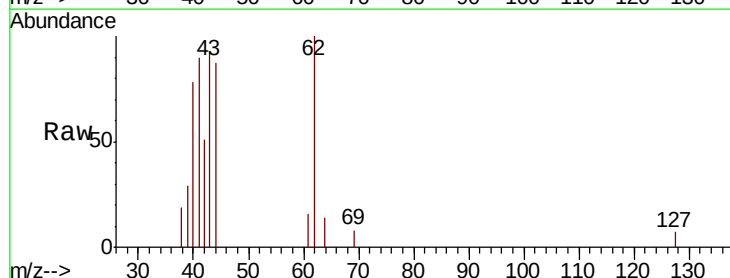
Manual Integrations
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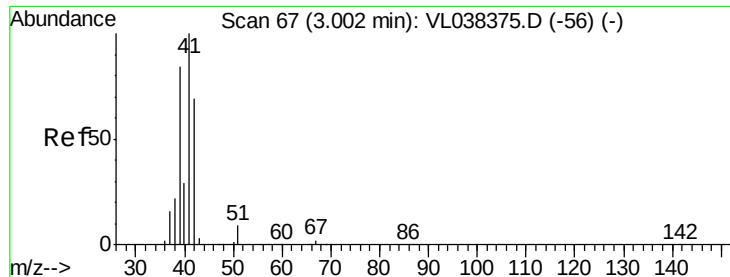
Reviewed By :Semsettin Yesilyurt 03/03/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#5
 Vinyl Chloride
 Concen: 0.051 ppbv m
 RT: 3.26 min Scan# 148
 Delta R.T. 0.01 min
 Lab File: VL038482.D
 Acq: 2 Mar 2022 15:10

Tgt Ion: 62 Resp: 3018
 Ion Ratio Lower Upper
 62 100
 64 13.9 26.2 39.2#



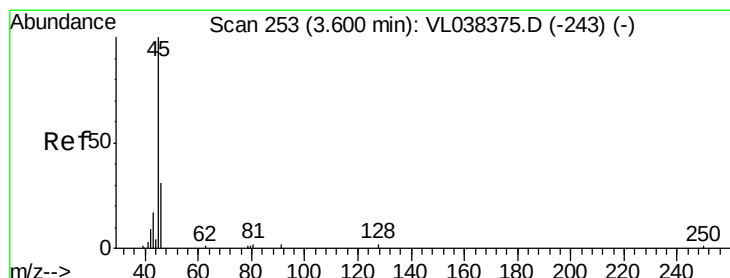
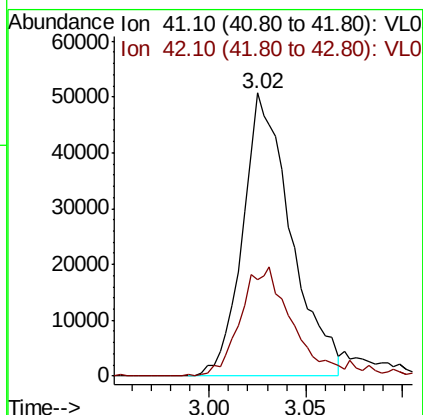
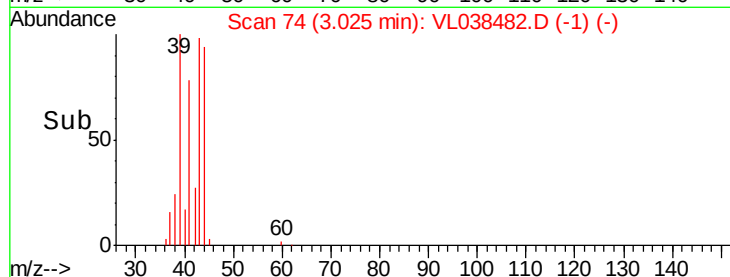
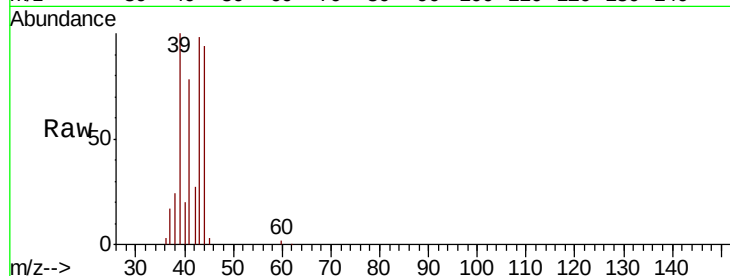


#9
 Propene
 Concen: 1.632 ppbv
 RT: 3.02
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 2 Mar 2022 15:10

Tot Ion:
 Ion Ratio
 41 100
 42 44.

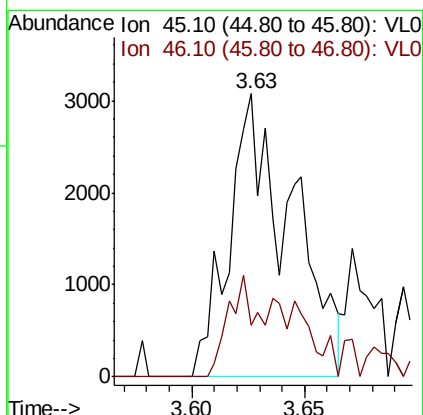
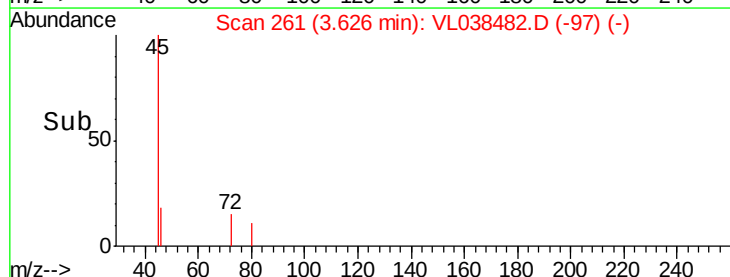
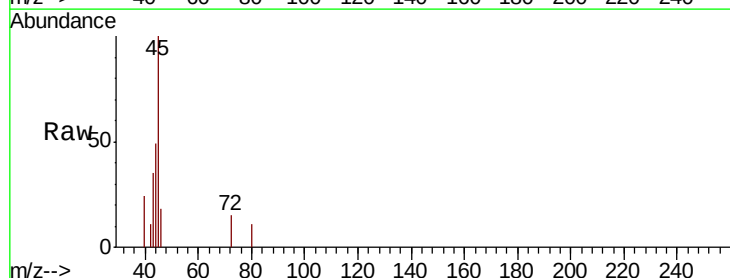
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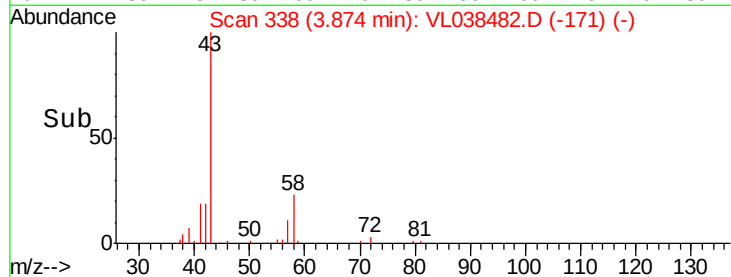
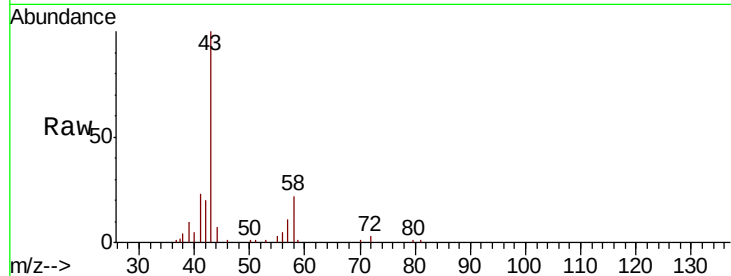
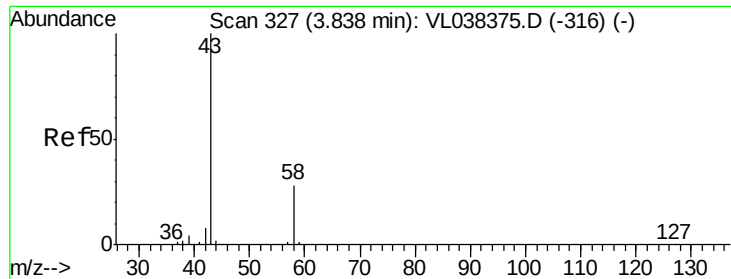
Reviewed By :Semsettin Yesilyurt 03/03/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#13
 Ethanol
 Concen: 1.094 ppbv m
 RT: 3.63 min Scan# 261
 Delta R.T. 0.03 min
 Lab File: VL038482.D
 Acq: 2 Mar 2022 15:10

Tgt Ion: 45 Resp: 5889
 Ion Ratio Lower Upper
 45 100
 46 0.0 18.2 72.8#





#15

Acetone

Concen: 0.612 ppbv m

RT: 3.87

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 2 Mar 2022 15:10

Tot Ion:

Ion Ratio

43 100

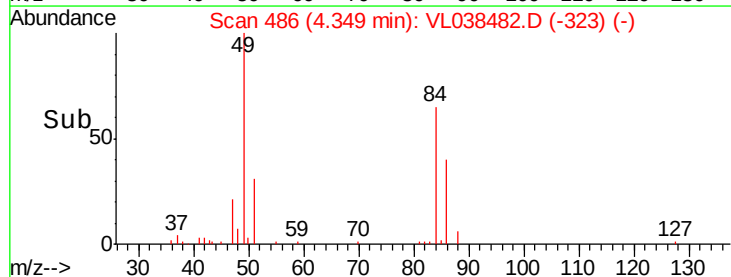
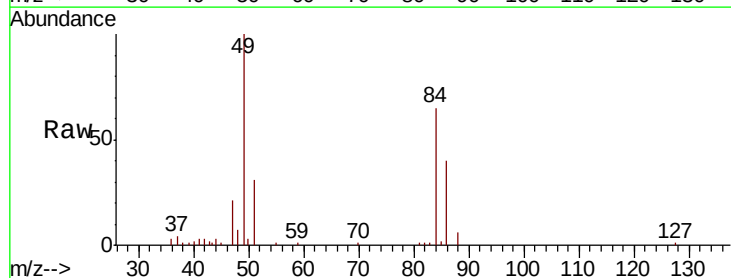
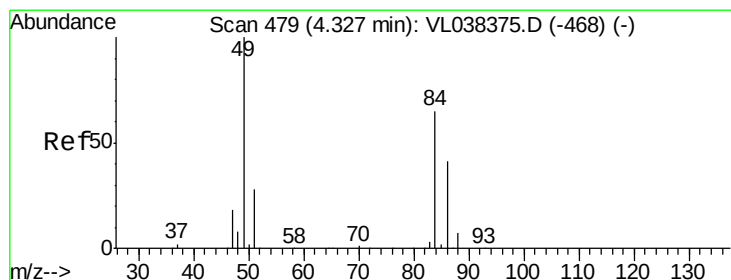
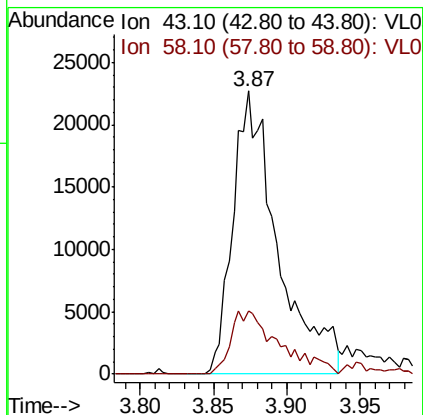
58 24.

Manual Integrations

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Supervised By :Mahesh Dadoda 03/07/2022



#20

Methylene Chloride

Concen: 1.089 ppbv

RT: 4.35 min Scan# 486

Delta R.T. 0.02 min

Lab File: VL038482.D

Acq: 2 Mar 2022 15:10

Tgt Ion: 84 Resp: 42448

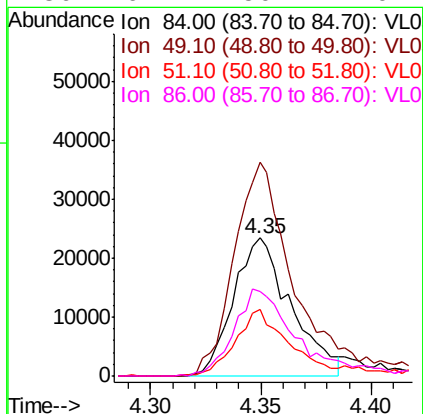
Ion Ratio Lower Upper

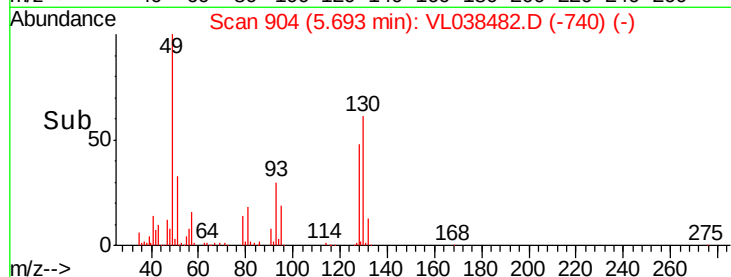
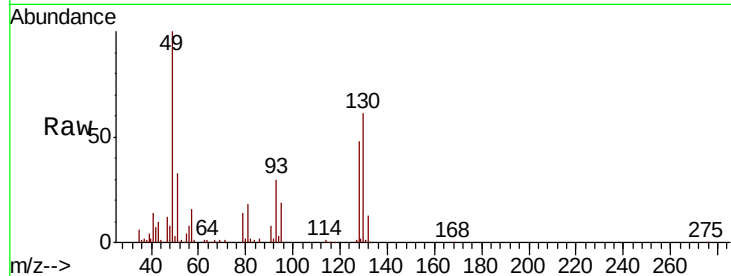
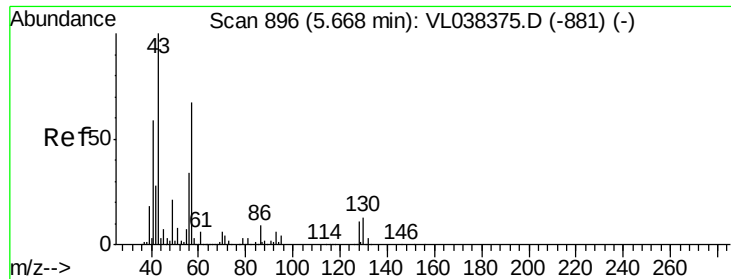
84 100

49 153.6 122.4 183.6

51 47.2 33.3 49.9

86 61.4 50.7 76.1



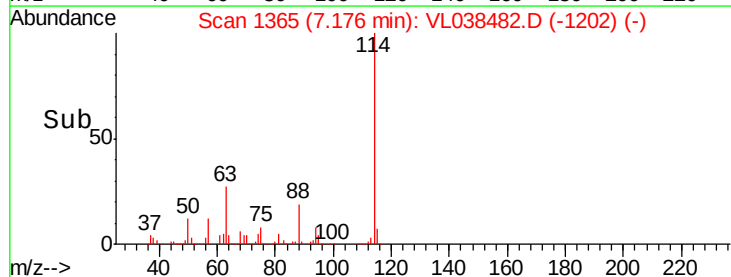
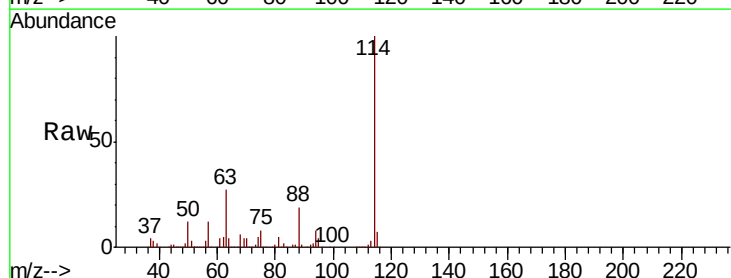
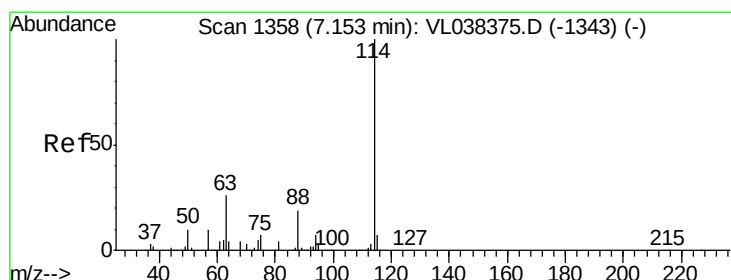
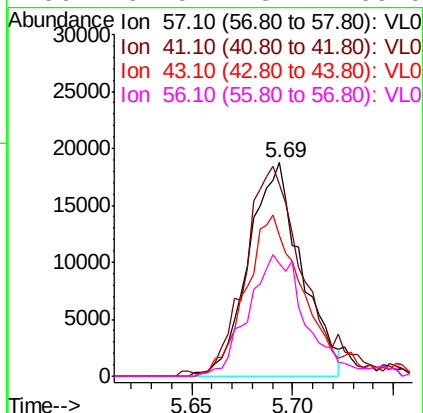


#26
Hexane
Concen: 0.357 ppbv
RT: 5.69
Instrument : MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 2 Mar 2022 15:10

Tot Ion:
Ion Ratio
57 100
41 113.
43 87.
56 64.0 43.4 65.0

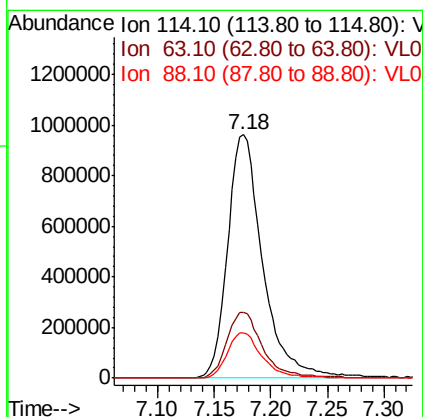
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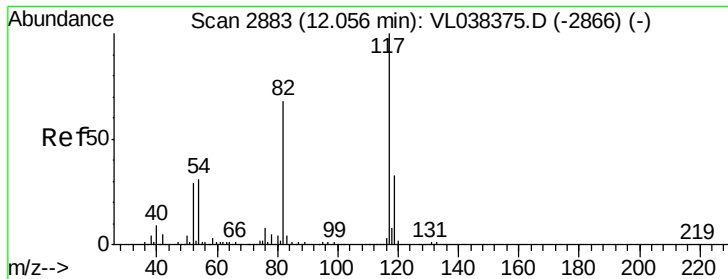
Reviewed By :Semsettin Yesilyurt 03/03/2022
Supervised By :Mahesh Dadoda 03/07/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. 0.02 min
Lab File: VL038482.D
Acq: 2 Mar 2022 15:10

Tgt Ion:114 Resp: 2068307
Ion Ratio Lower Upper
114 100
63 28.3 22.2 33.2
88 19.0 15.2 22.8



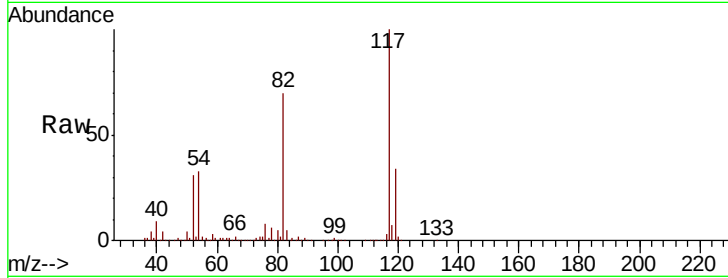


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 2 Mar 2022 15:10

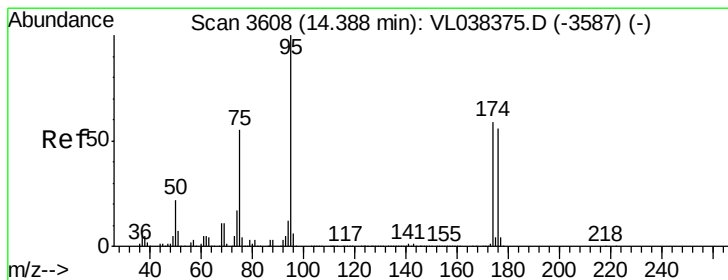
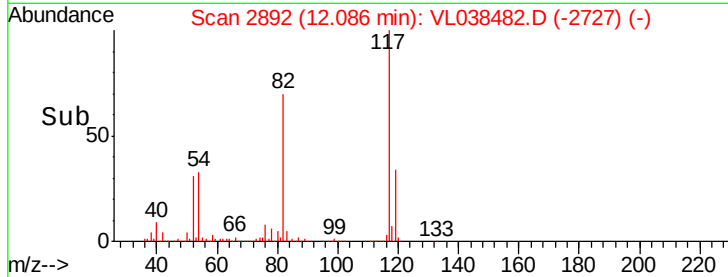
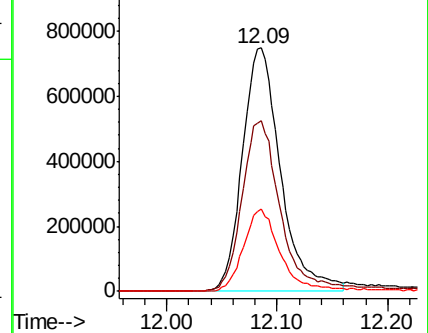
Tot Ion: 1
Ion Ratio
117 100
82 73.
119 33.

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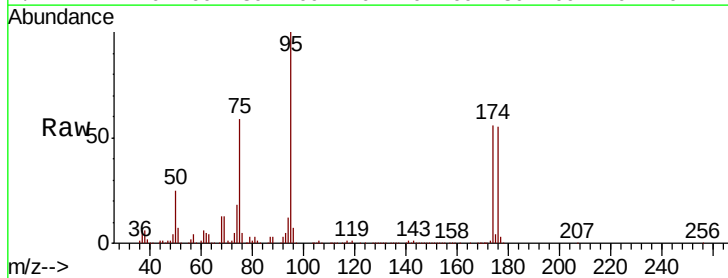


Abundance Ion 117.10 (116.80 to 117.80): V
1000000 Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 9.924 ppbv
RT: 14.41 min Scan# 3616
Delta R.T. 0.03 min
Lab File: VL038482.D
Acq: 2 Mar 2022 15:10

Tgt Ion: 95 Resp: 1479806
Ion Ratio Lower Upper
95 100
174 61.2 49.0 73.4
175 4.5 3.6 5.4



Abundance Ion 95.10 (94.80 to 95.80): VL0
800000 Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

