

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032322\
 Data File : VL038744.D
 Acq On : 24 Mar 2022 10:08
 Operator : SY/AP
 Sample : N2047-01DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P99DL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/25/2022
 Supervised By : Mahesh Dadoda 03/28/2022

Quant Time: Mar 25 01:39:26 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122A
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument:
 QLast Update : Mon Mar 21 17:09:26 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	784637	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2024472	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	1690830	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1191963	9.19	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.02	41	6607	0.17	ppbv	# 80
13) Ethanol	3.64	45	7315m	1.66	ppbv	
15) Acetone	3.87	43	37494m	0.55	ppbv	
20) Methylene Chloride	4.35	84	20664m	0.72	ppbv	
26) Hexane	5.68	57	14241m	0.19	ppbv	
34) 2-Butanone	5.27	43	24700m	0.31	ppbv	
52) Tetrachloroethene	11.22	164	350601	6.13	ppbv	97

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

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Quant Time: Mar 25 01:39:26 2022

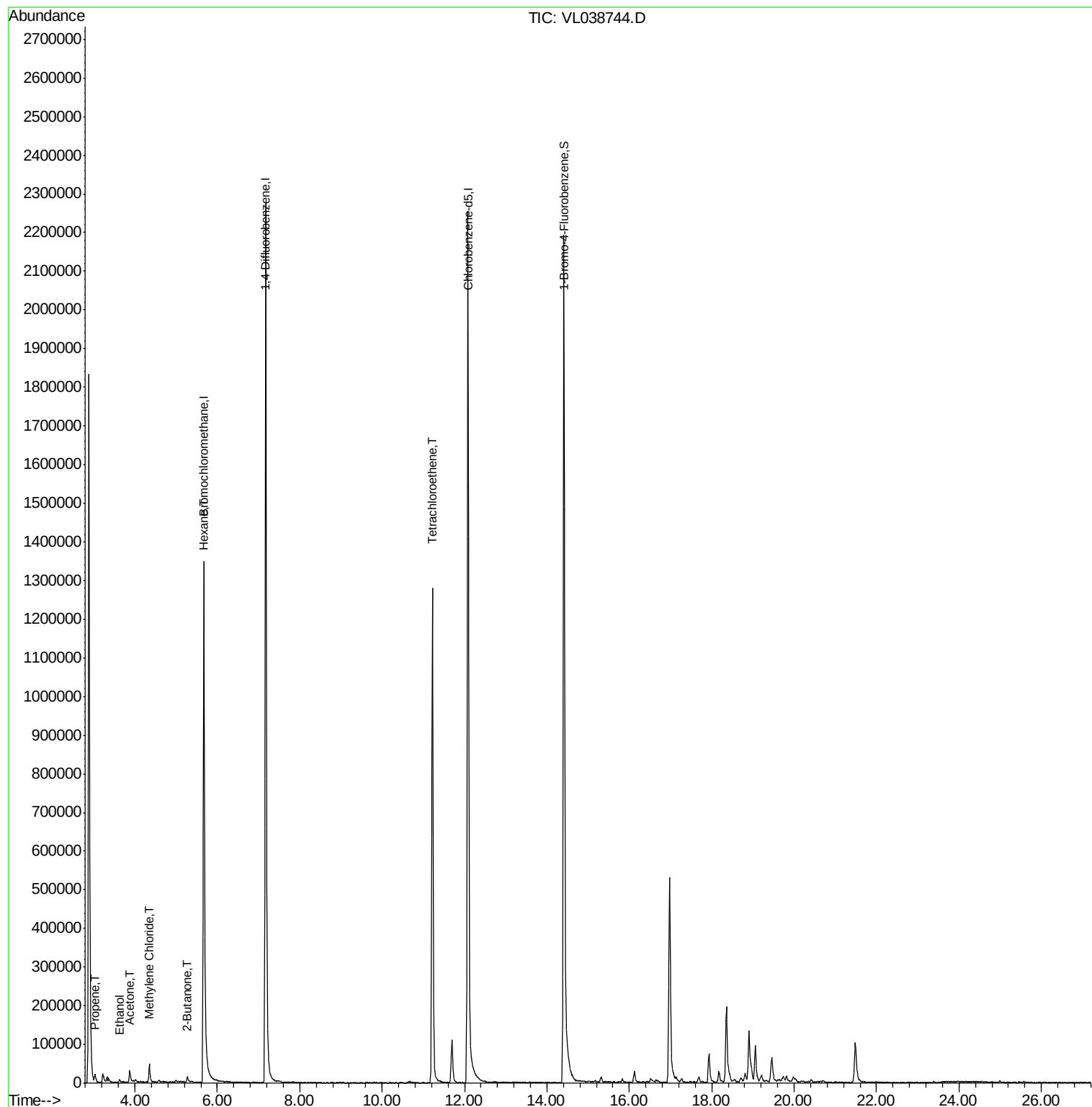
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL032122

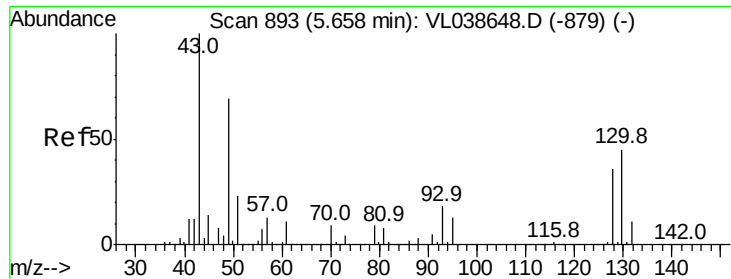
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Mon Mar 21 17:09:26 2022

Response via : Initial Calibration

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Supervised By :Mahesh Dadoda 03/28/2022





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Mar 2022 10:08

Tgt Ion:

Ion Ratio

49 100

128 54.

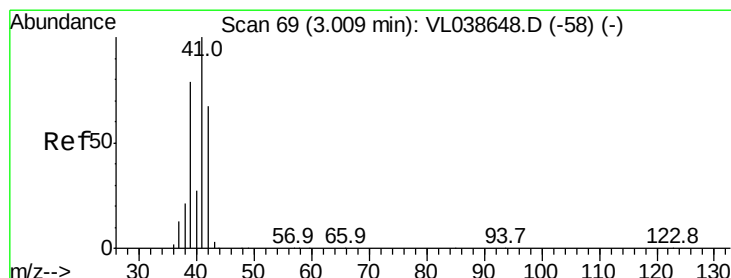
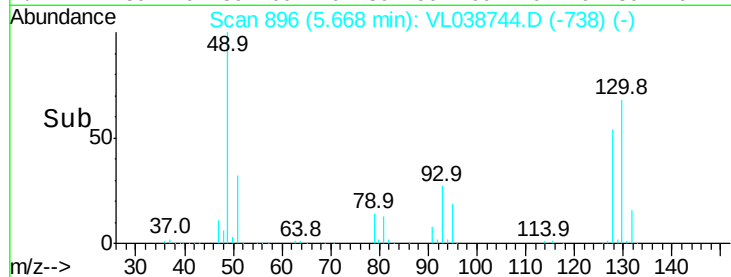
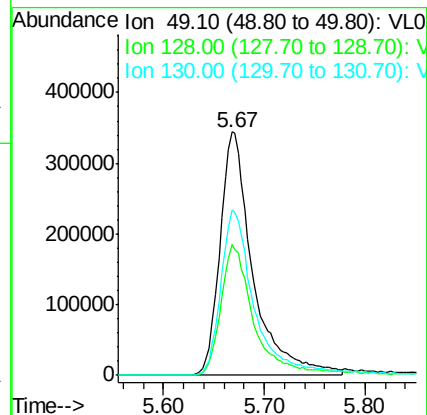
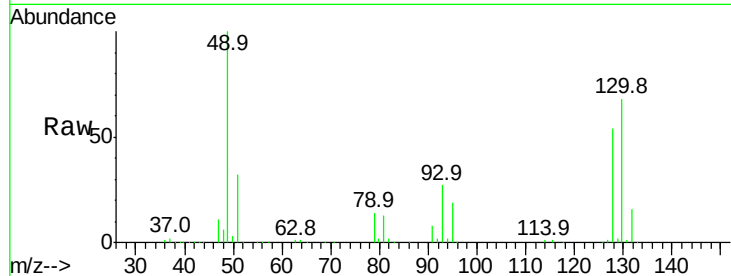
130 72.

Manual Integrations

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#9

Propene

Concen: 0.17 ppbv

RT: 3.02 min Scan# 73

Delta R.T. 0.01 min

Lab File: VL038744.D

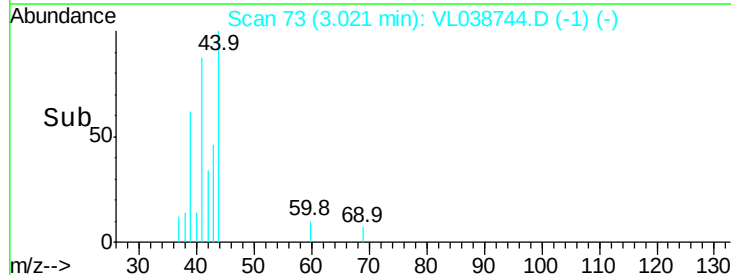
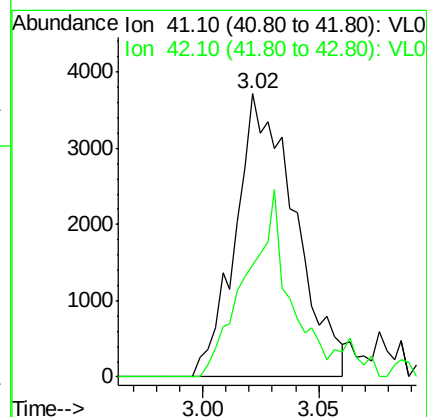
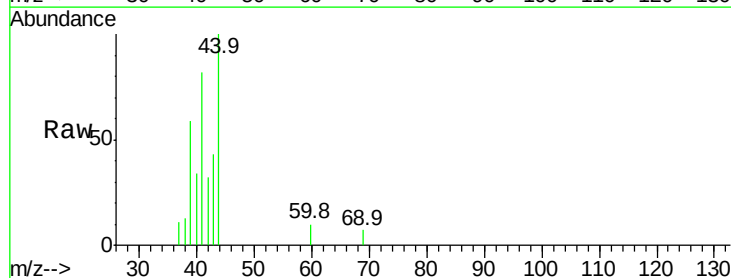
Acq: 24 Mar 2022 10:08

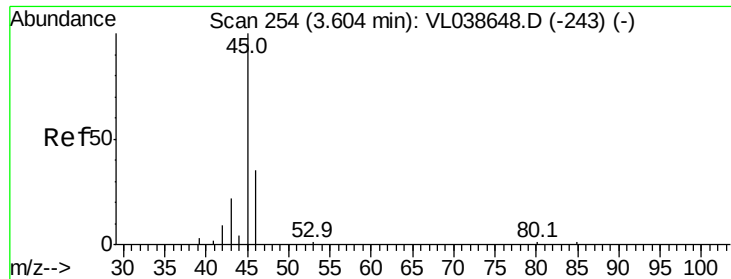
Tgt Ion: 41 Resp: 6607

Ion Ratio Lower Upper

41 100

42 53.7 56.2 84.4#





#13

Ethanol

Concen: 1.66 ppbv m

RT: 3.64 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Mar 2022 10:08 C0P99DL

Tgt Ion:

Ion Ratio

45 100

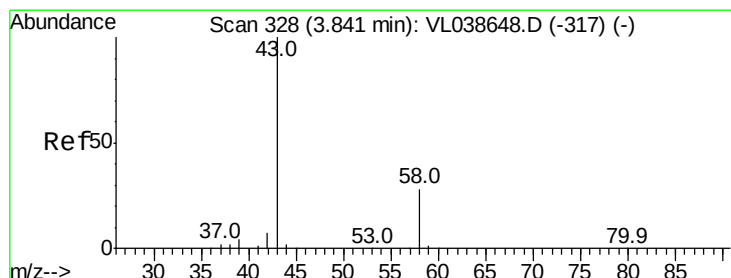
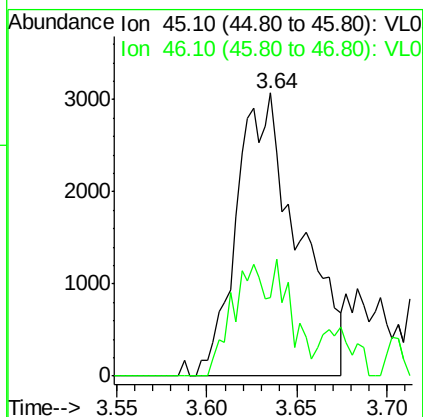
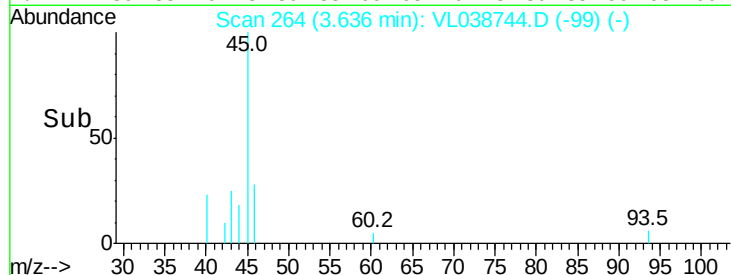
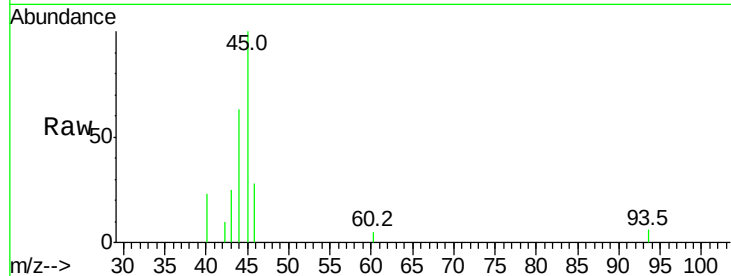
46 0.

Manual Integrations

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#15

Acetone

Concen: 0.55 ppbv m

RT: 3.87 min Scan# 338

Delta R.T. 0.03 min

Lab File: VL038744.D

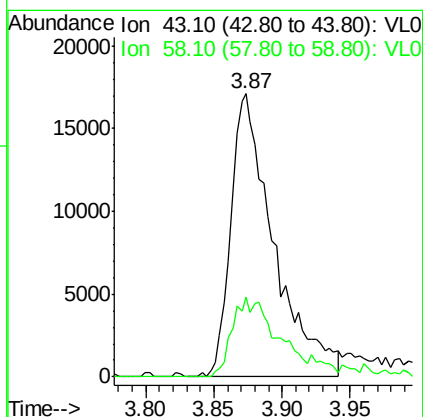
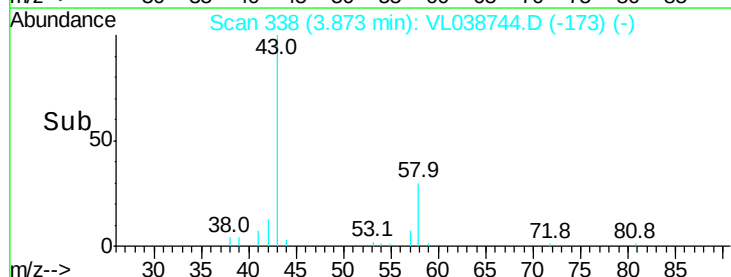
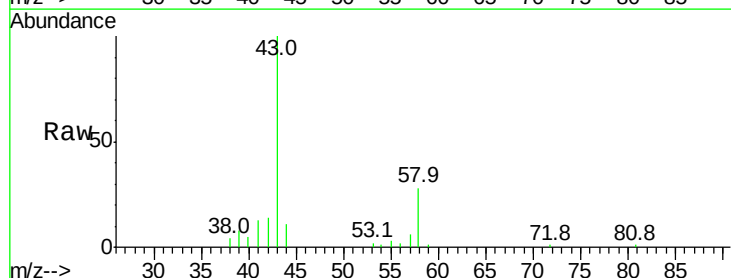
Acq: 24 Mar 2022 10:08

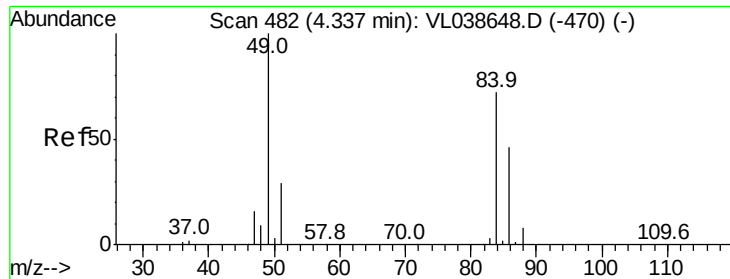
Tgt Ion: 43 Resp: 37494

Ion Ratio Lower Upper

43 100

58 36.0 23.3 34.9#



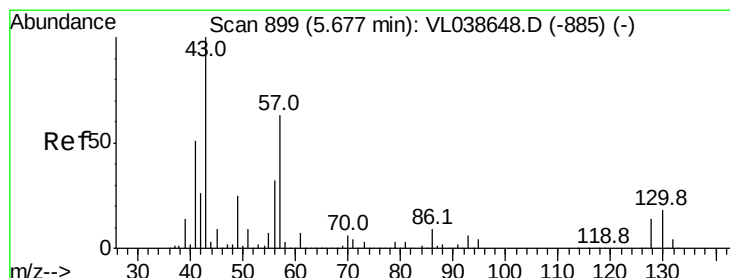
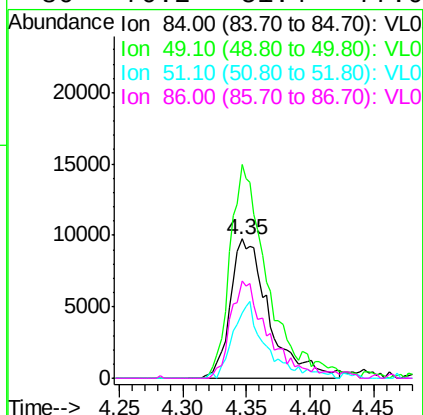
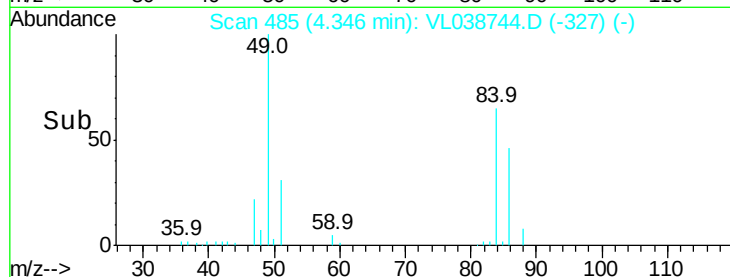
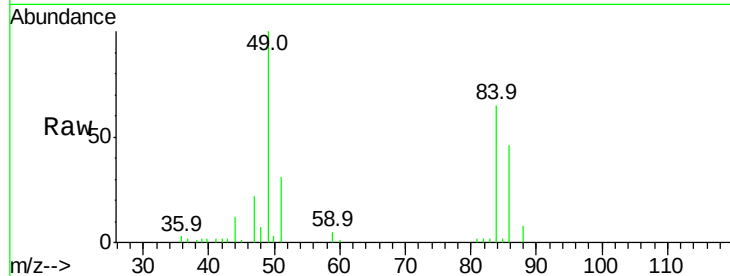


#20
Methylene Chloride
Concen: 0.72 ppbv m
RT: 4.35
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 24 Mar 2022 10:08

Tgt Ion:
Ion Ratio
84 100
49 153.
51 47.
86 70.2 51.4 77.0

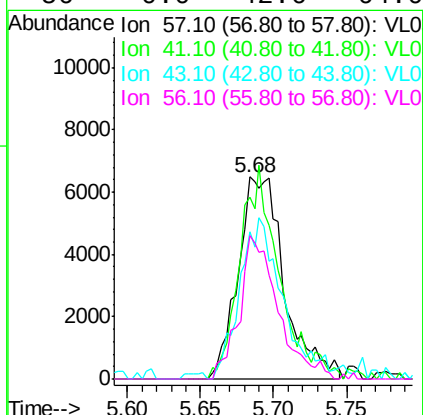
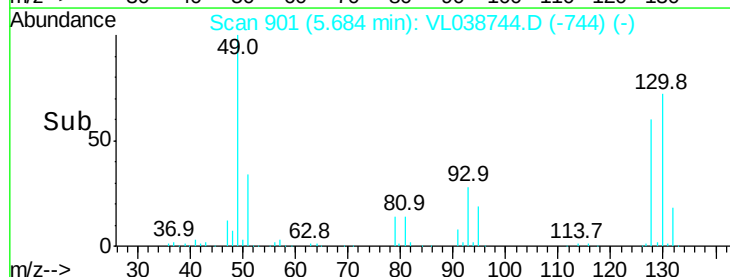
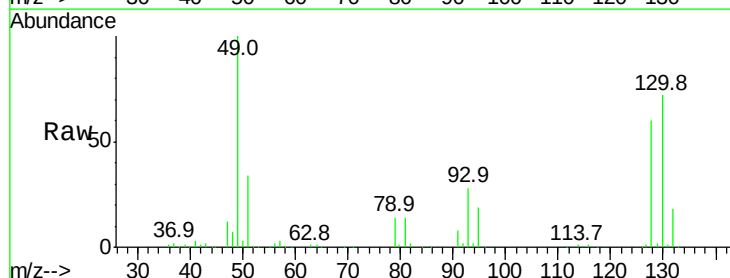
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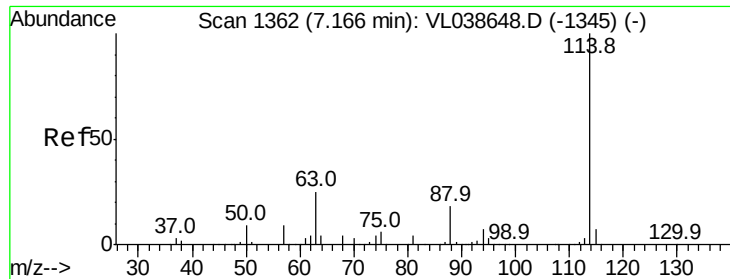
Reviewed By :Semsettin Yesilyurt 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#26
Hexane
Concen: 0.19 ppbv m
RT: 5.68 min Scan# 901
Delta R.T. 0.01 min
Lab File: VL038744.D
Acq: 24 Mar 2022 10:08

Tgt Ion: 57 Resp: 14241
Ion Ratio Lower Upper
57 100
41 92.7 67.0 100.4
43 79.3 184.2 276.2#
56 0.0 42.6 64.0#



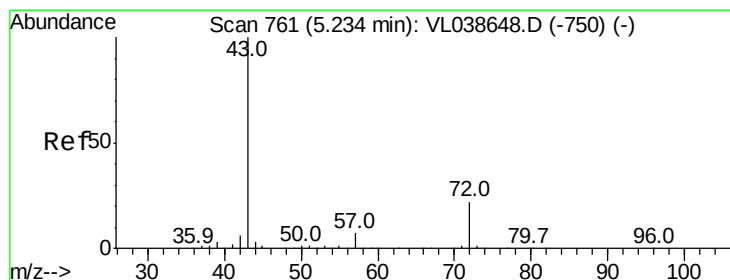
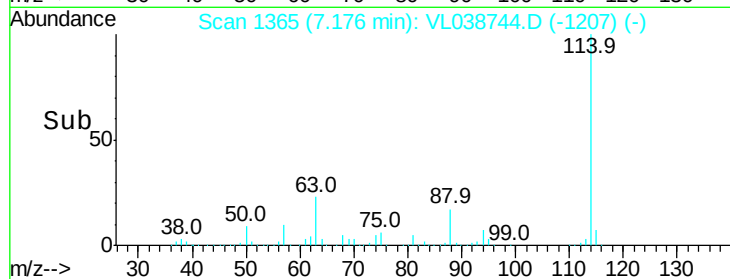
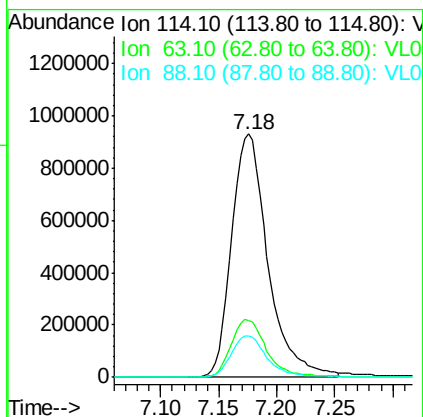
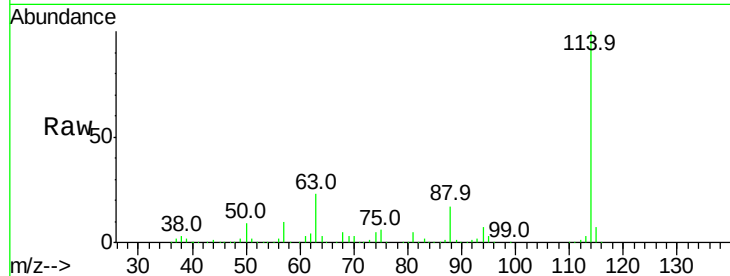


#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.18
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 C0P99DL
 Acq: 24 Mar 2022 10:08

Tgt Ion: 1
 Ion Ratio
 114 100
 63 23.
 88 17.

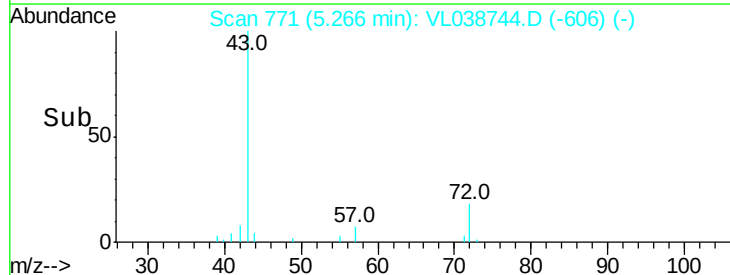
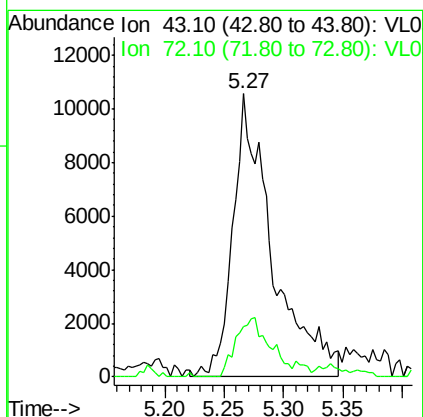
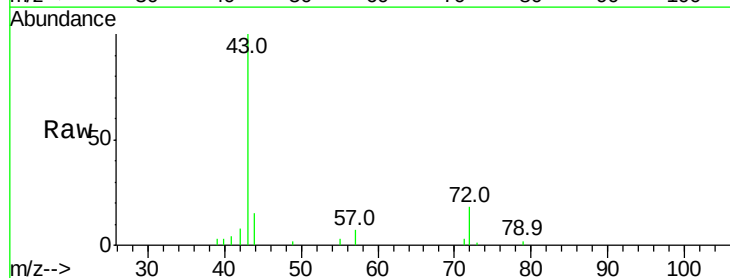
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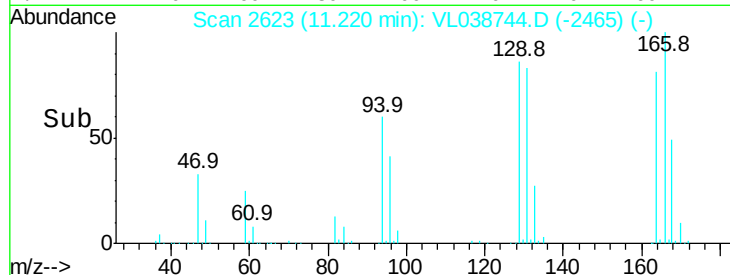
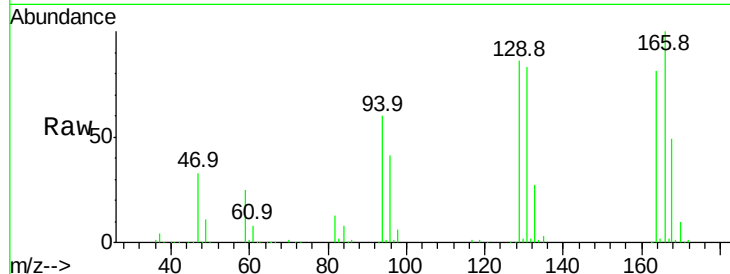
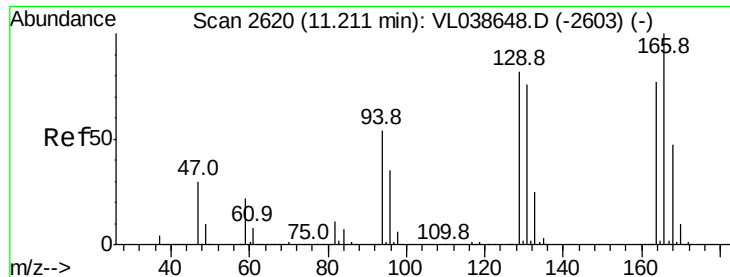
Reviewed By : Semsettin Yesilyurt 03/25/2022
 Supervised By : Mahesh Dadoda 03/28/2022



#34
 2-Butanone
 Concen: 0.31 ppbv m
 RT: 5.27 min Scan# 771
 Delta R.T.: 0.03 min
 Lab File: VL038744.D
 Acq: 24 Mar 2022 10:08

Tgt Ion: 43 Resp: 24700
 Ion Ratio Lower Upper
 43 100
 72 0.0 17.8 26.8#





#52

Tetrachloroethene

Concen: 6.13 ppbv

RT: 11.22

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

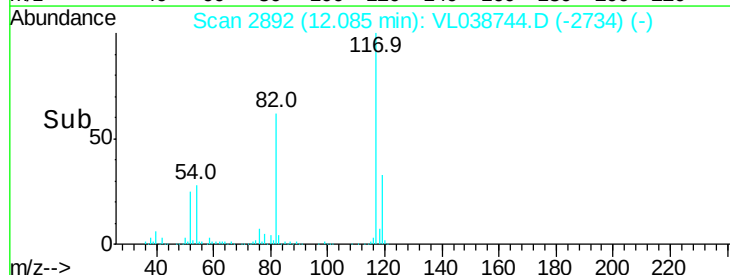
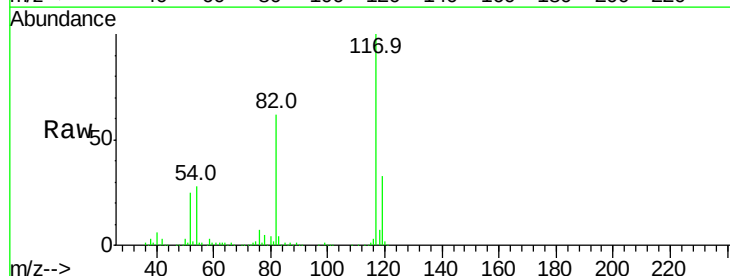
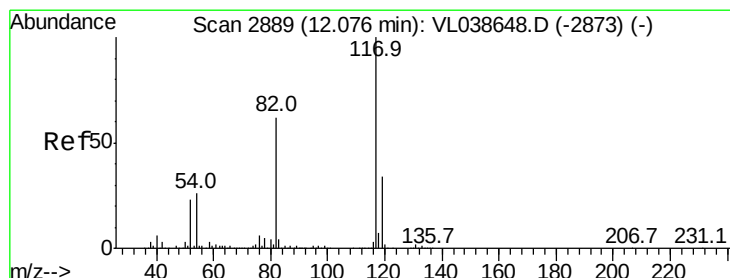
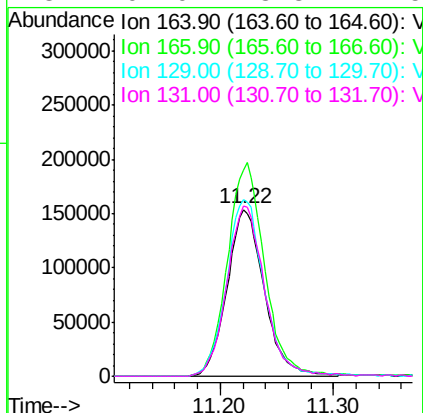
Acq: 24 Mar 2022 10:08

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Tgt Ion	Ratio	Abundance
164	100	
166	123.	
129	105.	
131	102.0	78.3
		117.5



#55

Chlorobenzene-d5

Concen: 10.00 ppbv

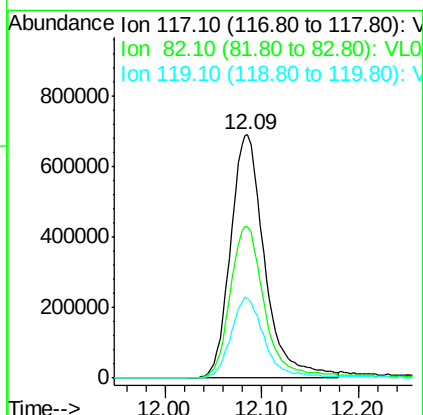
RT: 12.09 min Scan# 2892

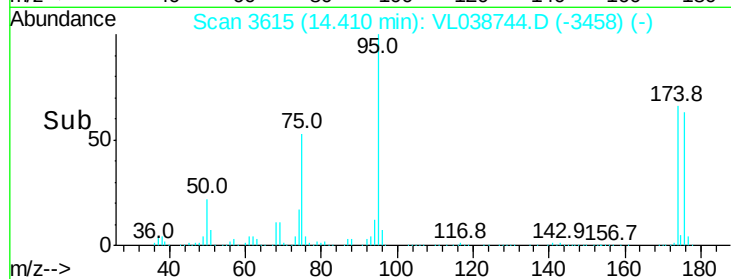
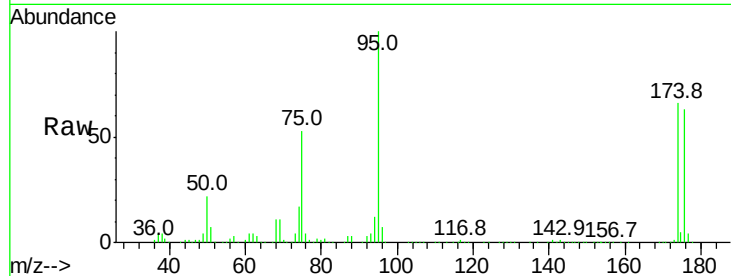
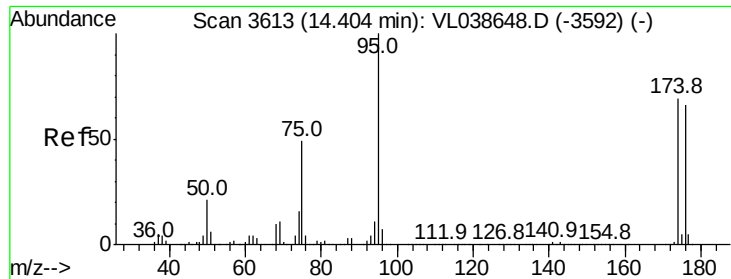
Delta R.T. 0.01 min

Lab File: VL038744.D

Acq: 24 Mar 2022 10:08

Tgt Ion	Ratio	Lower	Upper
117	100		
82	63.8	51.6	77.4
119	34.0	26.9	40.3





#68

1-Bromo-4-Fluorobenzene

Concen: 9.19 ppbv

RT: 14.41

Delta R.T

Lab File: ClientSampleId :

Acq: 24 Mar 2022 10:08

Tgt Ion:

Ion Ratio

95 100

174 71.

175 4.

Manual Integrations

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