

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030922\
 Data File : VL038582.D
 Acq On : 9 Mar 2022 19:02
 Operator : SY/AP
 Sample : N1702-05DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AA-1DL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/10/2022
 Supervised By : Mahesh Dadoda 03/14/2022

Quant Time: Mar 10 01:11:24 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822A
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument:
 QLast Update : Tue Mar 08 21:18:44 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	824424	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.18	114	2143741	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.09	117	1849101	10.00	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1348094	9.59	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.03	41	9908m	0.19	ppbv	
13) Ethanol	3.62	45	28766m	4.88	ppbv	
15) Acetone	3.88	43	36944m	0.64	ppbv	
19) Isopropyl Alcohol	4.00	45	11326m	0.29	ppbv	
20) Methylene Chloride	4.35	84	104821	3.00	ppbv	98
26) Hexane	5.69	57	103279	1.12	ppbv #	42

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

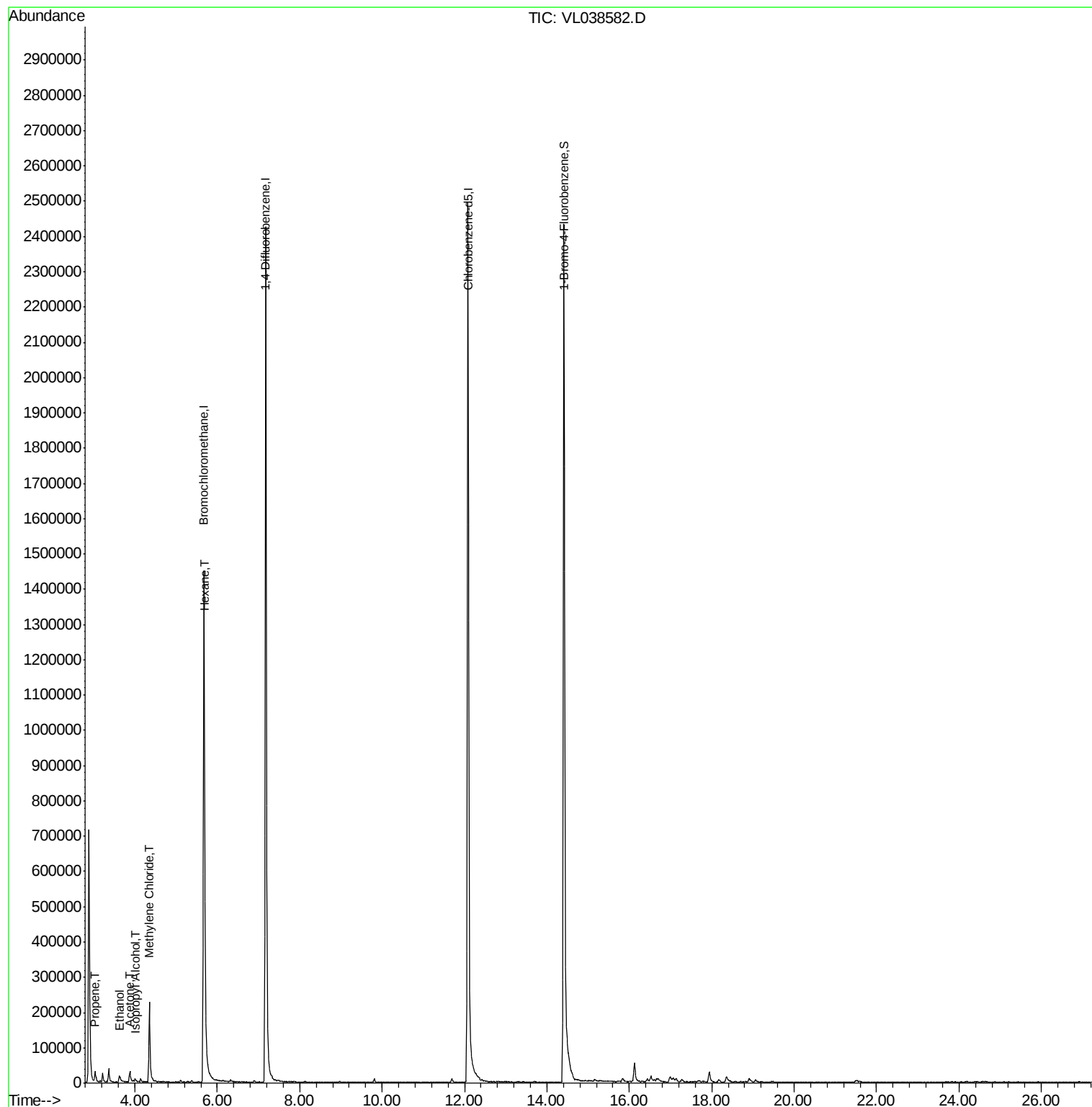
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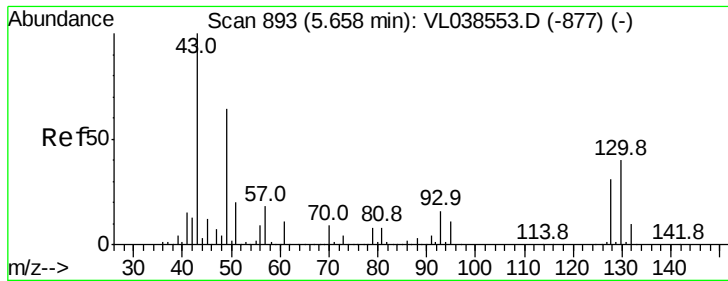
Instrument :
MSVOA_L
ClientSampleId :
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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 9 Mar 2022 19:02

Tgt Ion:

Ion Ratio

49 100

128 54.

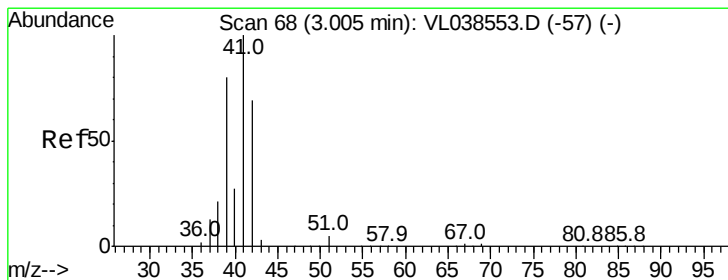
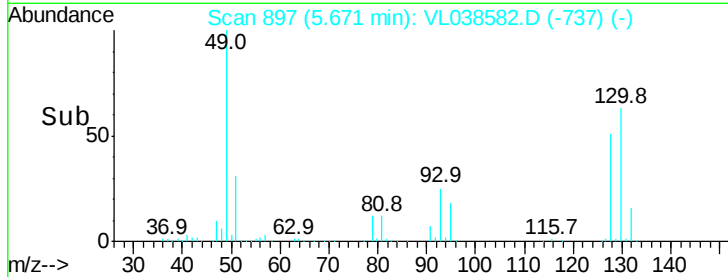
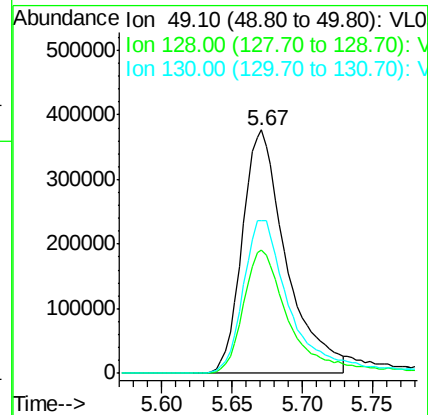
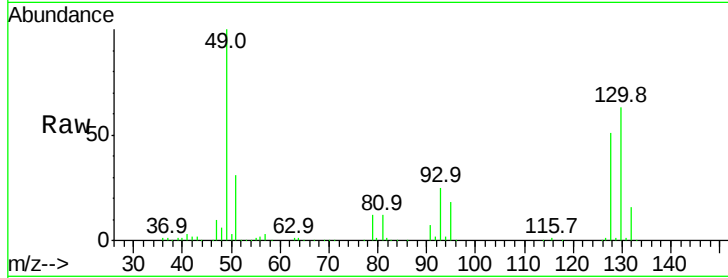
130 71.

Manual Integrations

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#9

Propene

Concen: 0.19 ppbv m

RT: 3.03 min Scan# 75

Delta R.T. 0.02 min

Lab File: VL038582.D

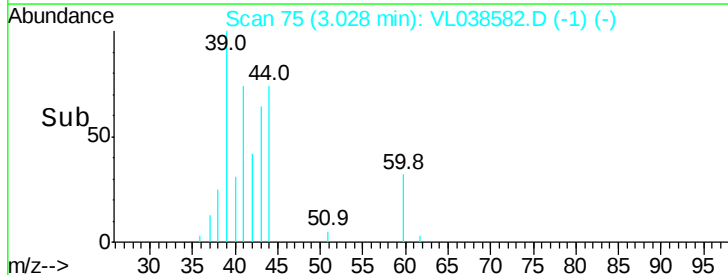
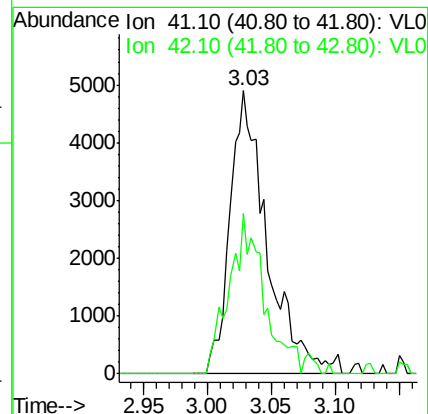
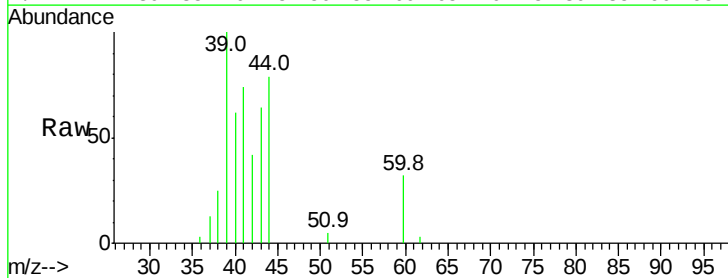
Acq: 9 Mar 2022 19:02

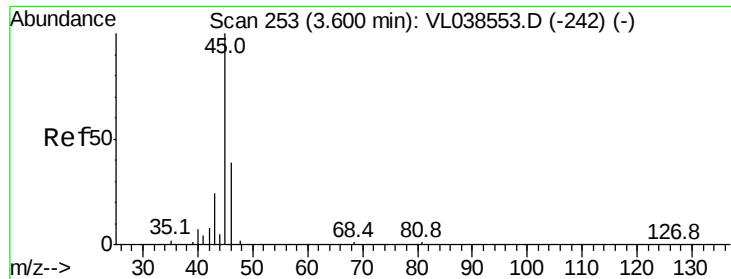
Tgt Ion: 41 Resp: 9908

Ion Ratio Lower Upper

41 100

42 67.8 55.7 83.5





#13

Ethanol

Concen: 4.88 ppbv m

RT: 3.62 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 9 Mar 2022 19:02

Tgt Ion:

Ion Ratio

45 100

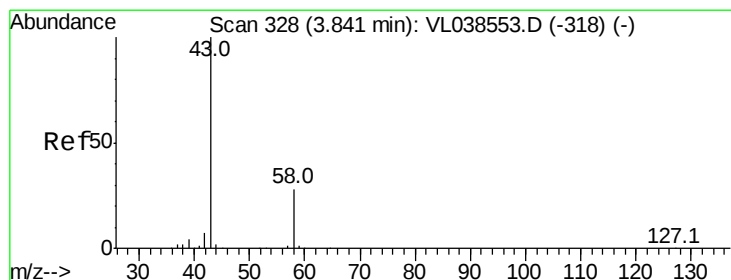
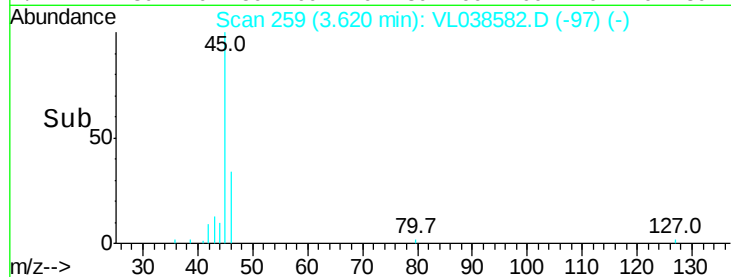
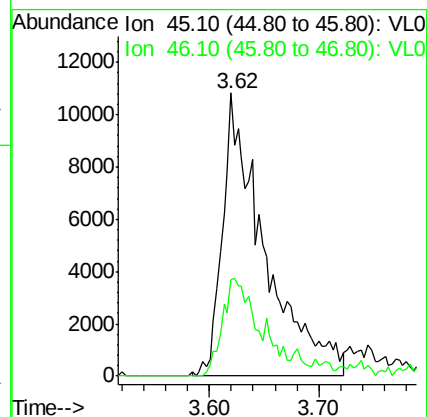
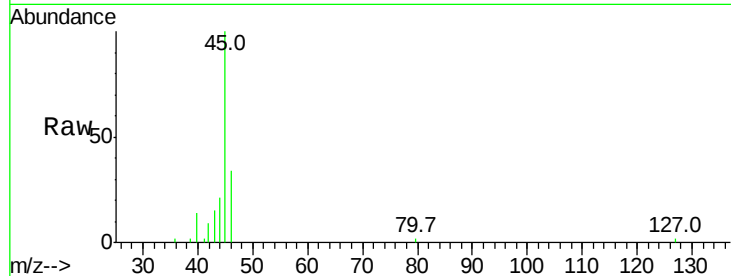
46 36.

Manual Integrations

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Supervised By :Mahesh Dadoda 03/14/2022



#15

Acetone

Concen: 0.64 ppbv m

RT: 3.88 min Scan# 339

Delta R.T. 0.04 min

Lab File: VL038582.D

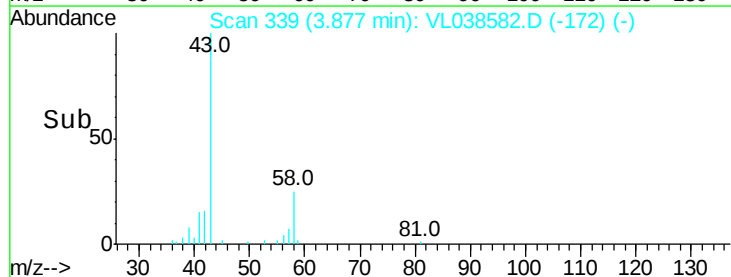
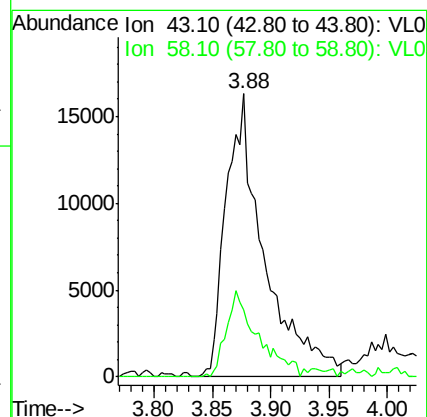
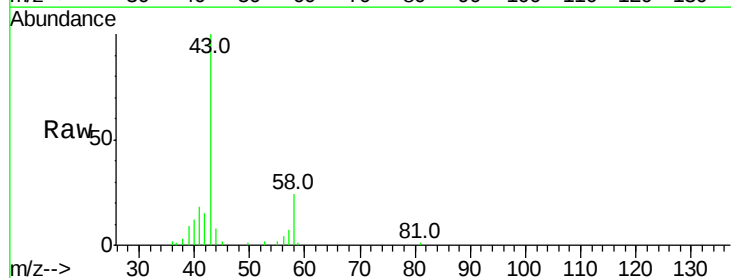
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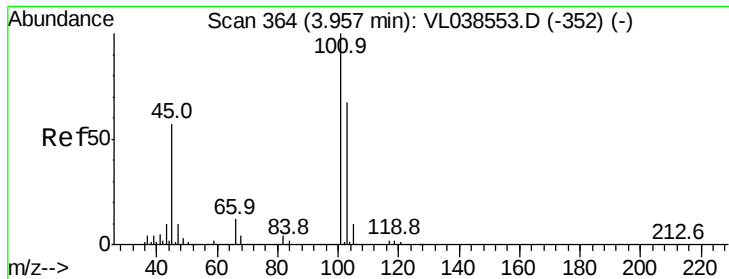
Tgt Ion: 43 Resp: 36944

Ion Ratio Lower Upper

43 100

58 27.1 22.7 34.1





#19

Isopropyl Alcohol

Concen: 0.29 ppbv m

RT: 4.00 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 9 Mar 2022 19:02

Tgt Ion:

Ion Ratio

45 100

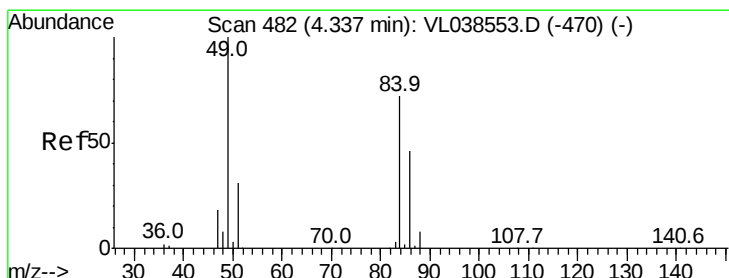
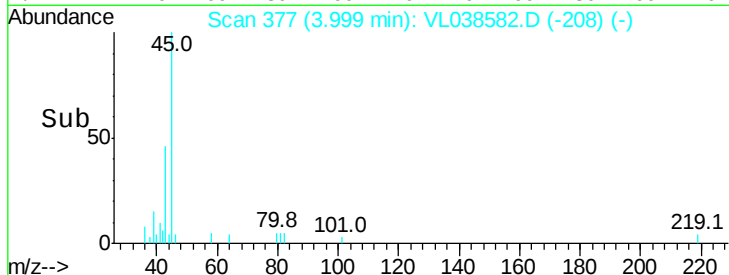
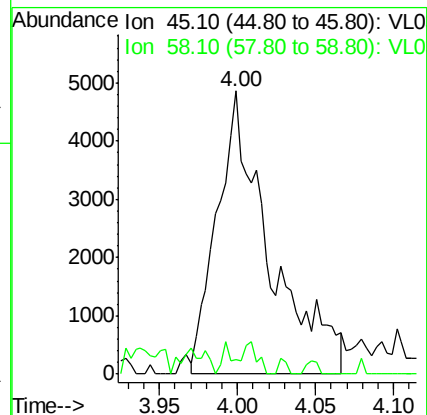
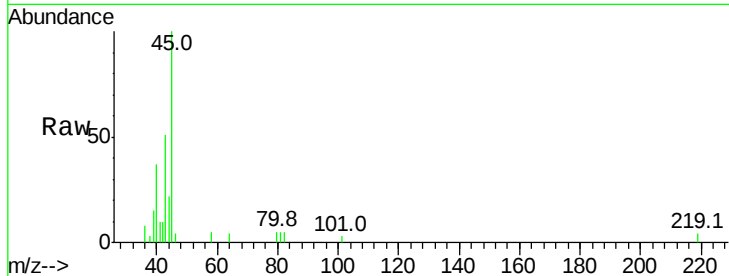
58 4.

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Supervised By :Mahesh Dadoda 03/14/2022



#20

Methylene Chloride

Concen: 3.00 ppbv

RT: 4.35 min Scan# 485

Delta R.T. 0.01 min

Lab File: VL038582.D

Acq: 9 Mar 2022 19:02

Tgt Ion: 84 Resp: 104821

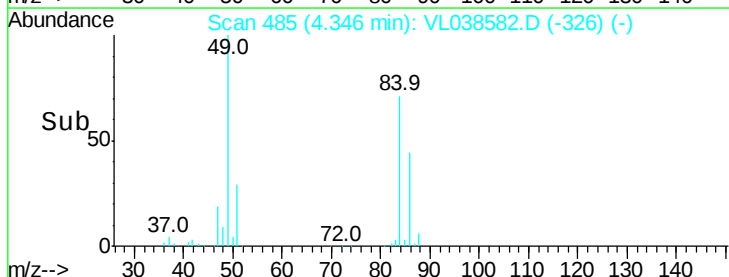
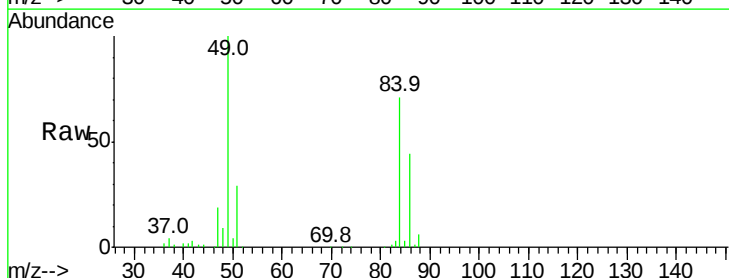
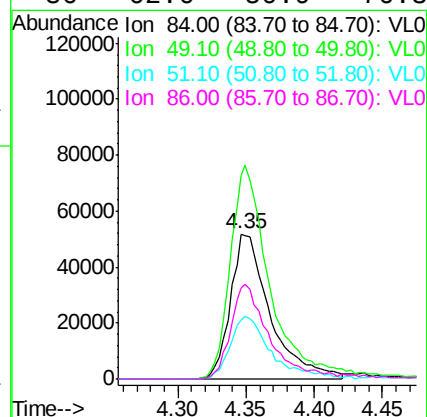
Ion Ratio Lower Upper

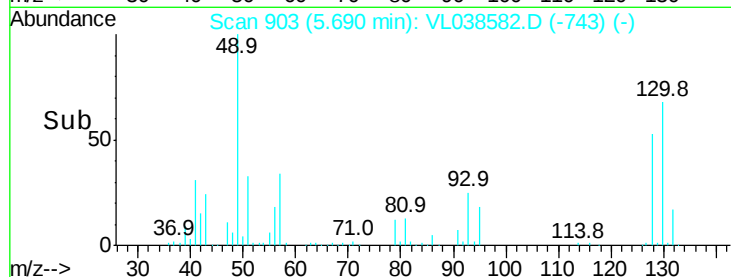
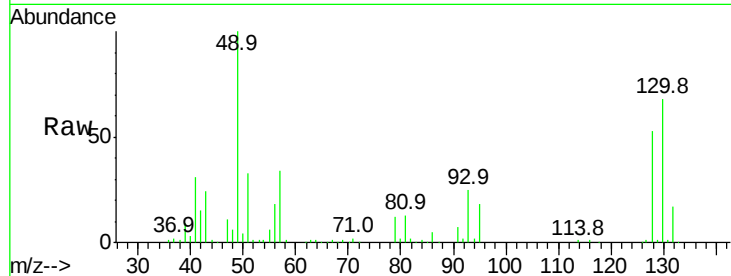
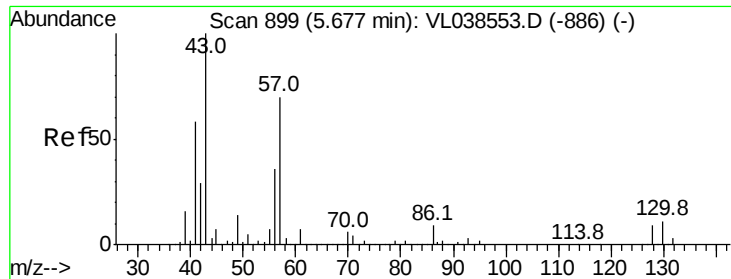
84 100

49 140.9 111.1 166.7

51 41.0 34.0 51.0

86 62.6 50.9 76.3



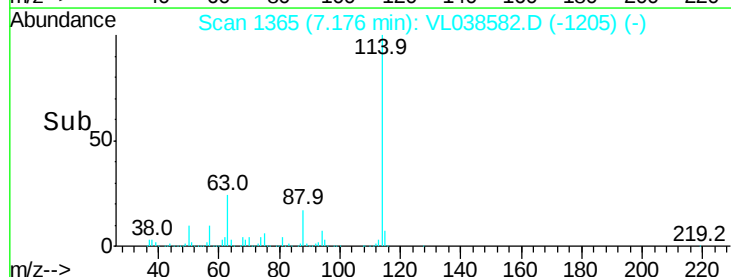
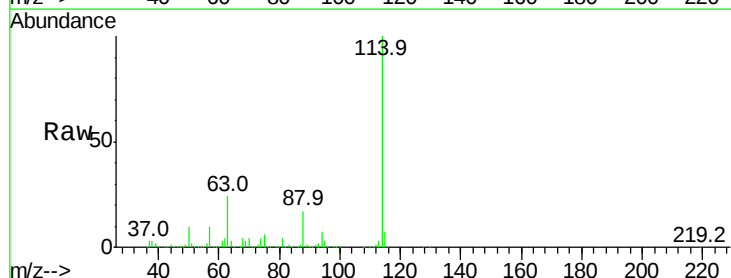
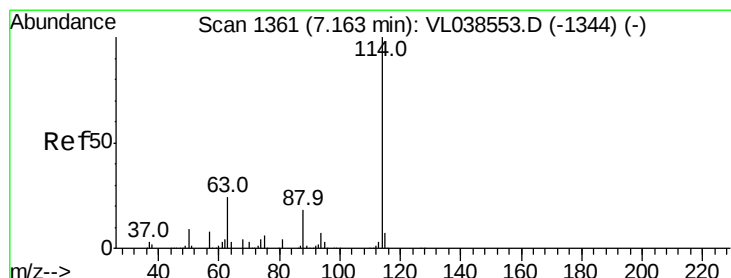
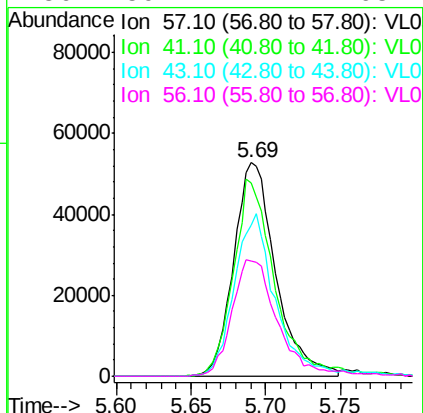


#26
Hexane
Concen: 1.12 ppbv
RT: 5.69
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 9 Mar 2022 19:02

Tgt Ion: 57.10 (56.80 to 57.80): VL0
Ion Ratio 100
57 100
41 92.
43 76.
56 59.7 42.2 63.2

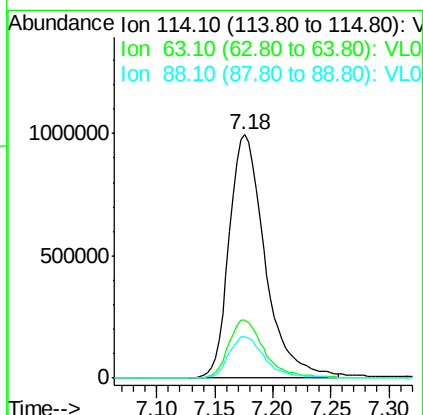
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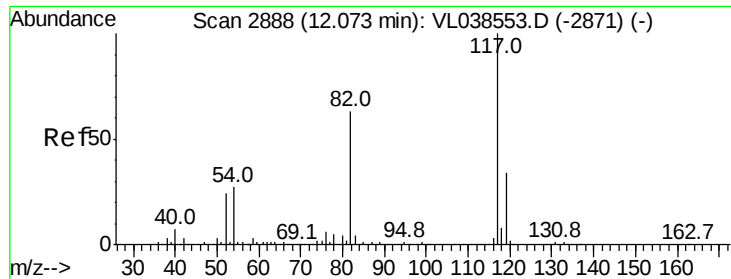
Reviewed By :Semsettin Yesilyurt 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. 0.01 min
Lab File: VL038582.D
Acq: 9 Mar 2022 19:02

Tgt Ion: 114 Resp: 2143741
Ion Ratio Lower Upper
114 100
63 24.0 19.6 29.4
88 17.4 13.9 20.9



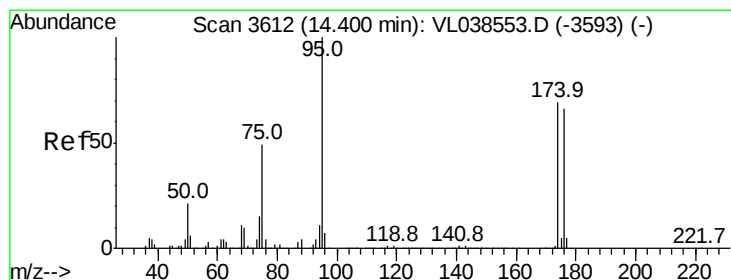
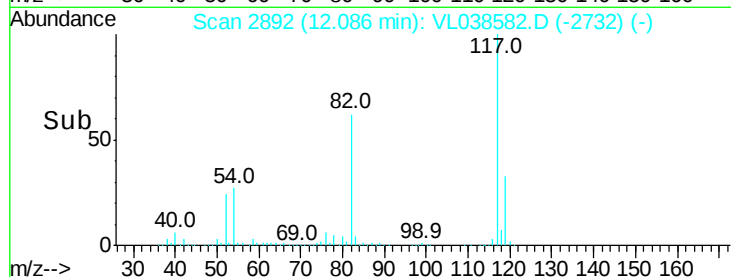
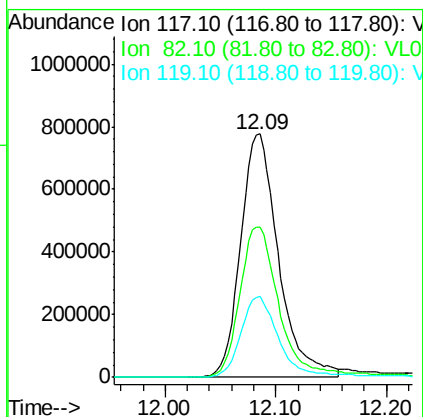
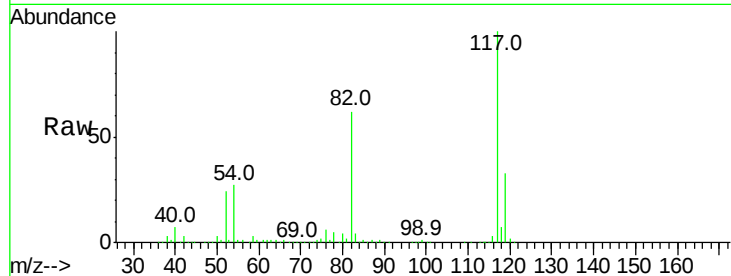


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.09
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 9 Mar 2022 19:02

Tgt Ion: 1
Ion Ratio
117 100
82 66.
119 33.

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 9.59 ppbv
RT: 14.41 min Scan# 3616
Delta R.T. 0.01 min
Lab File: VL038582.D
Acq: 9 Mar 2022 19:02

Tgt Ion: 95 Resp: 1348094
Ion Ratio Lower Upper
95 100
174 74.3 56.2 84.4
175 5.3 4.2 6.2

