

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL122121\
 Data File : VL038224.D
 Acq On : 21 Dec 2021 22:16
 Operator : SY/AP
 Sample : M5118-01DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2DL

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021

Quant Time: Dec 22 08:41:45 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL122121A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Tue Dec 21 17:47:08 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	741404	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.19	114	2134452	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	1816861	10.00	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1446541	10.33	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.04	41	10335m	0.191	ppbv	
13) Ethanol	3.64	45	34406m	3.752	ppbv	
15) Acetone	3.88	43	45401m	0.610	ppbv	
19) Isopropyl Alcohol	4.01	45	25158m	0.542	ppbv	
20) Methylene Chloride	4.36	84	83132	1.979	ppbv	98
26) Hexane	5.70	57	44063	0.436	ppbv #	45

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

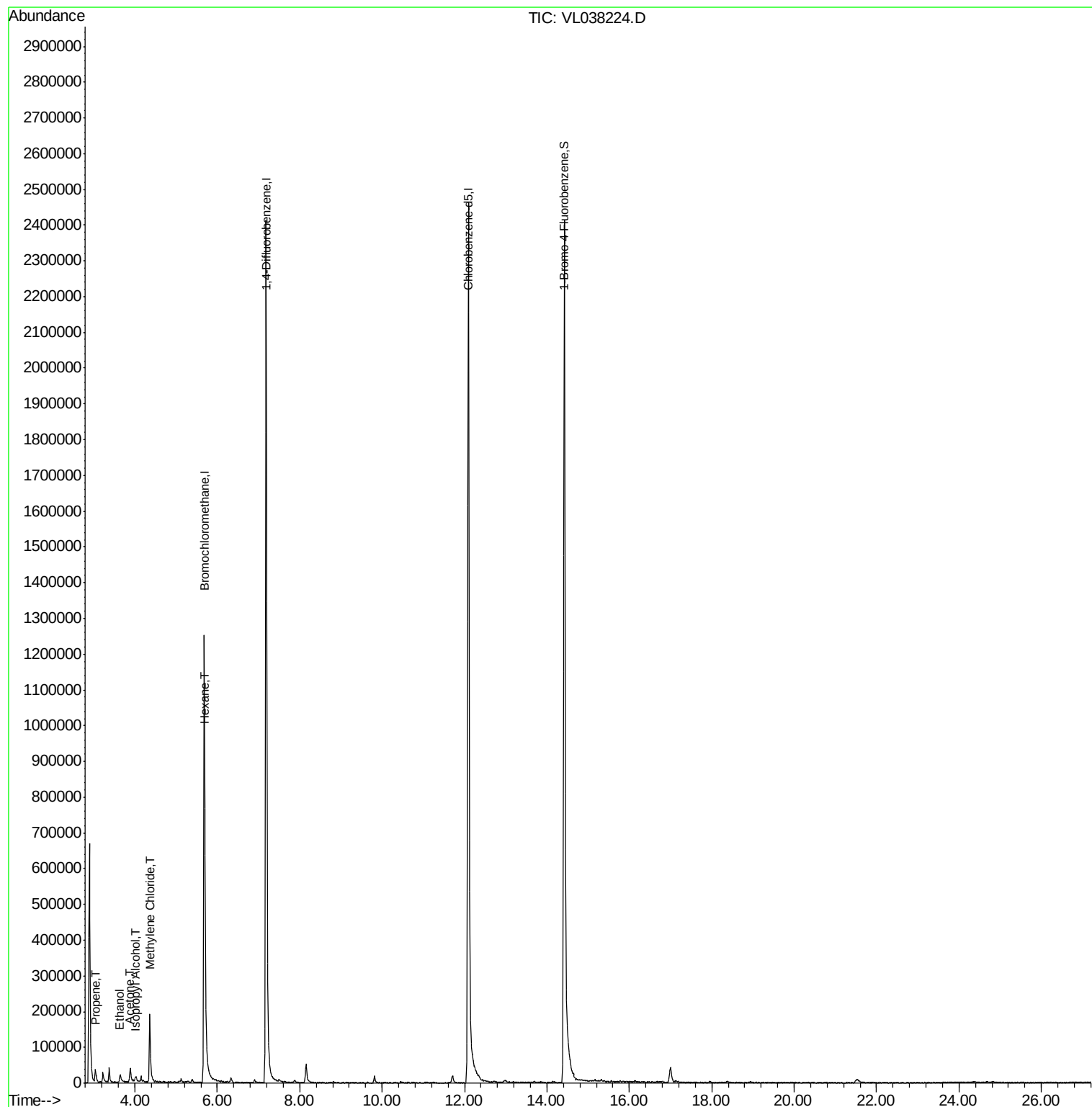
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL122121\
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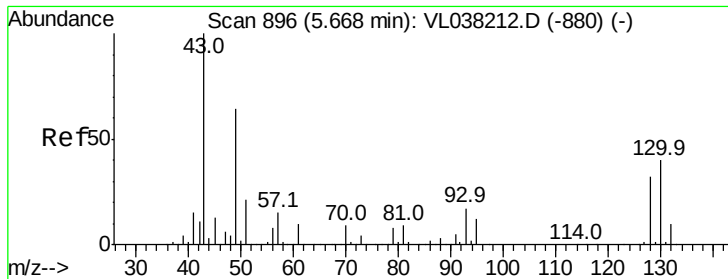
Instrument :
MSVOA_L
ClientSampleId :
IA-2DL

Manual Integrations
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Quant Time: Dec 22 08:41:45 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL122121
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 21 Dec 2021 22:16

Tot Ion:

Ion Ratio

49 100

128 51.

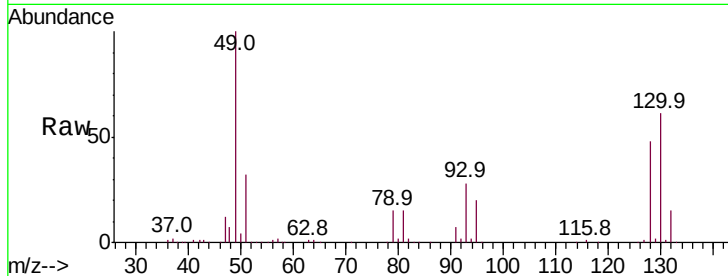
130 63.

Manual Integrations

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Reviewed By :Amit Patel 12/22/2021

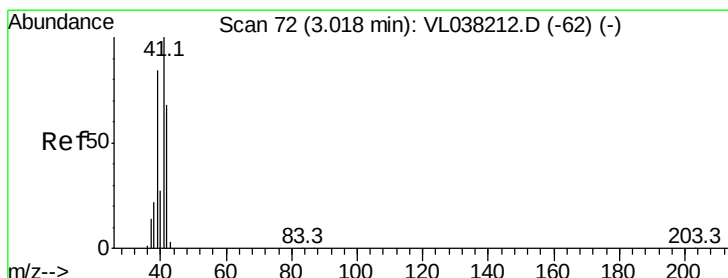
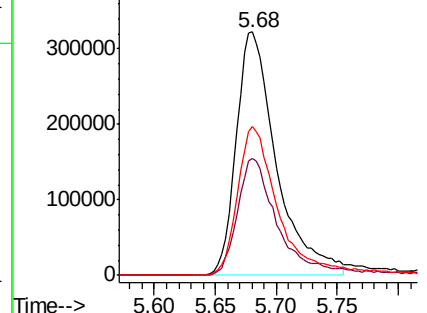
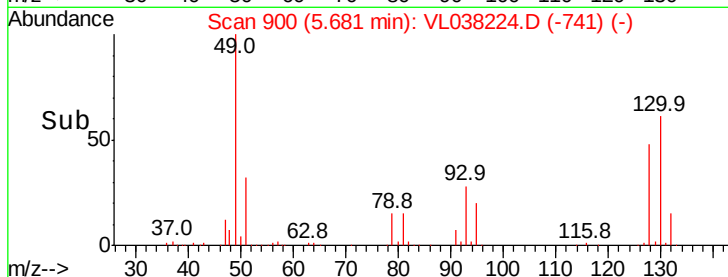
Supervised By :Mahesh Dadoda 12/29/2021



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#9

Propene

Concen: 0.191 ppbv m

RT: 3.04 min Scan# 79

Delta R.T. 0.02 min

Lab File: VL038224.D

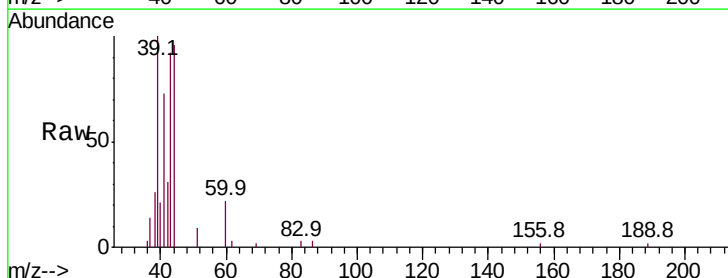
Acq: 21 Dec 2021 22:16

Tgt Ion: 41 Resp: 10335

Ion Ratio Lower Upper

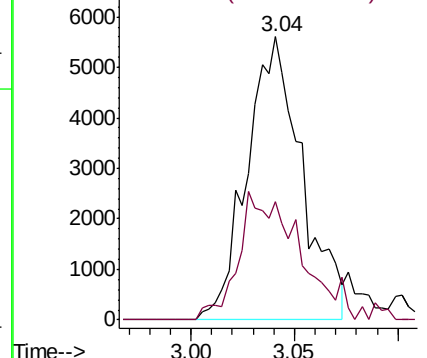
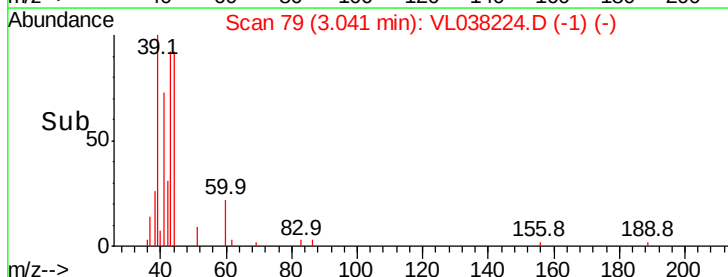
41 100

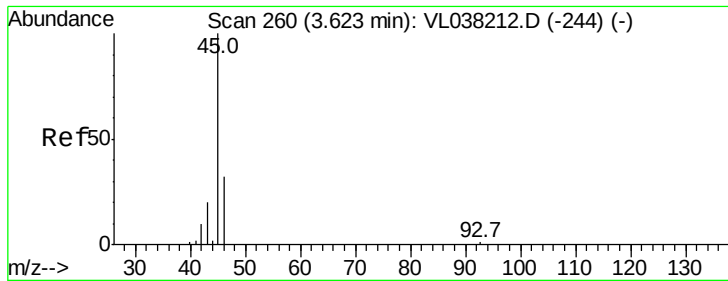
42 51.5 55.5 83.3#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0



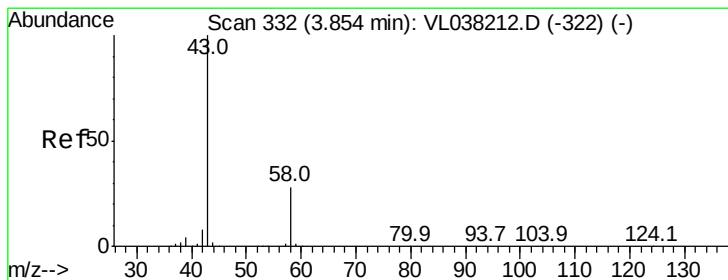
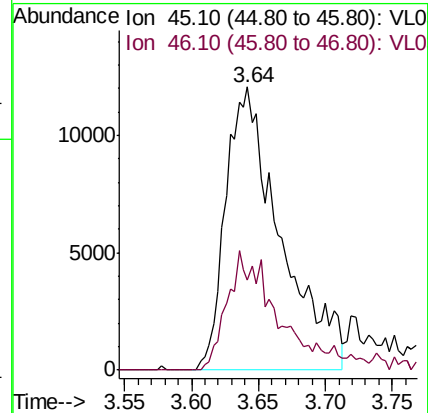
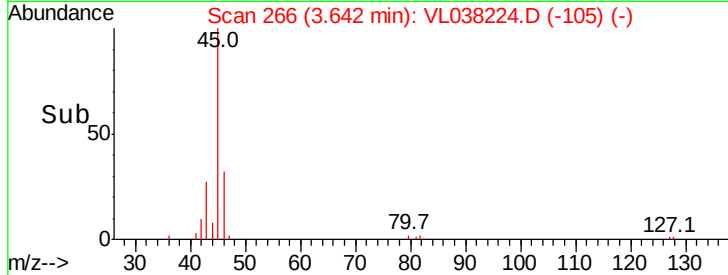
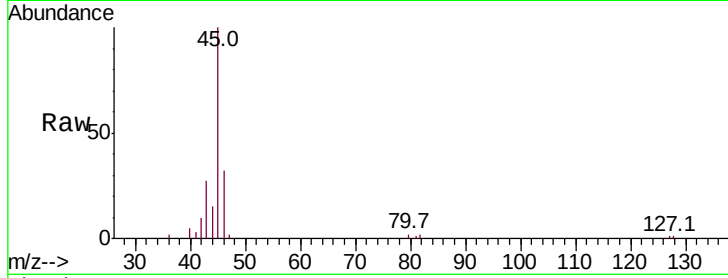


#13
Ethanol
Concen: 3.752 ppbv m
RT: 3.64
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 21 Dec 2021 22:16

Tot Ion:
Ion Ratio
45 100
46 40.

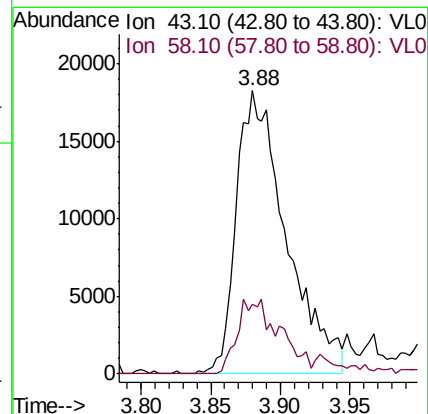
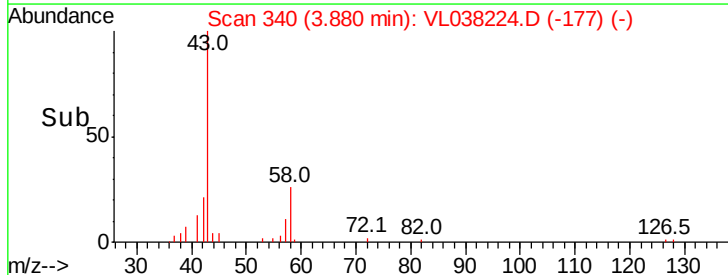
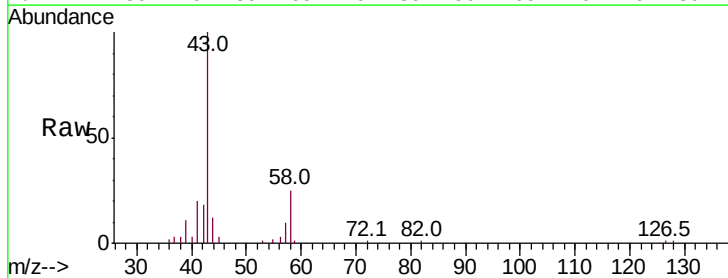
Manual Integrations
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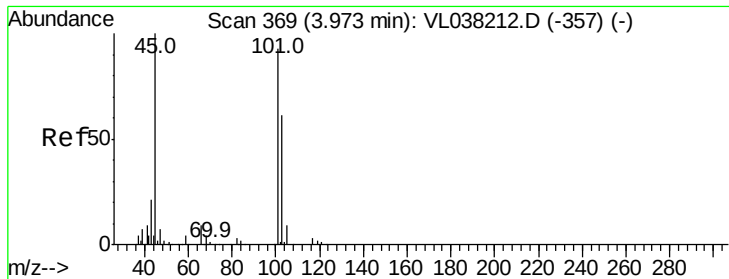
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#15
Acetone
Concen: 0.610 ppbv m
RT: 3.88 min Scan# 340
Delta R.T. 0.03 min
Lab File: VL038224.D
Acq: 21 Dec 2021 22:16

Tgt Ion: 43 Resp: 45401
Ion Ratio Lower Upper
43 100
58 0.0 23.3 34.9#



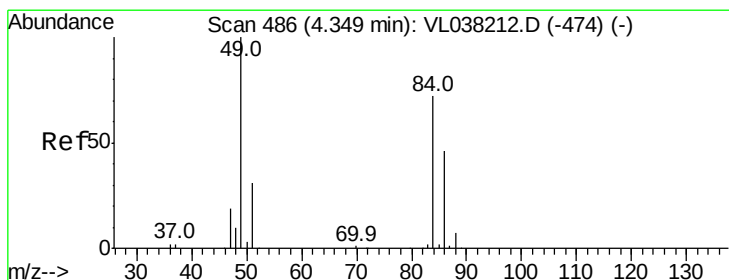
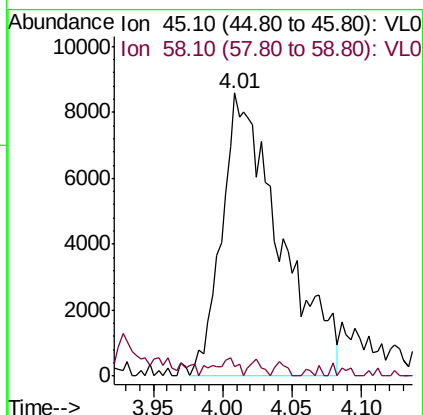
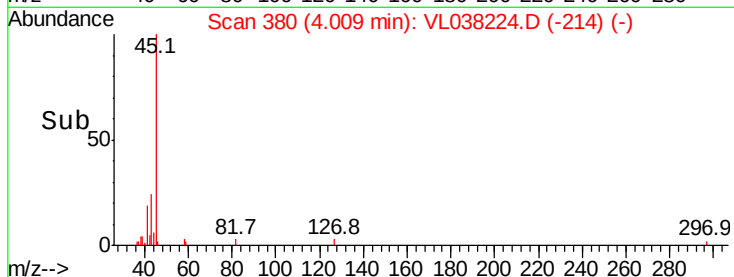
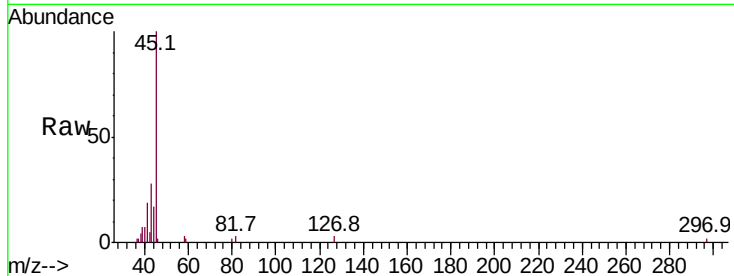


#19
Isopropyl Alcohol
Concen: 0.542 ppbv m
RT: 4.01
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 21 Dec 2021 22:16

Tot Ion:
Ion Ratio
45 100
58 4.

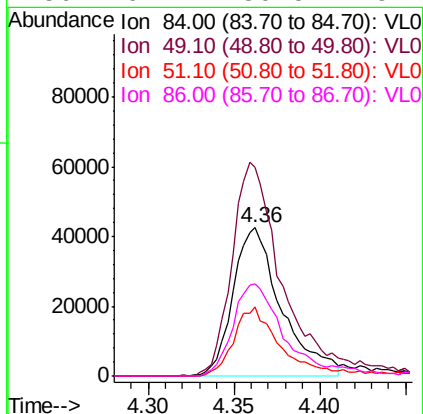
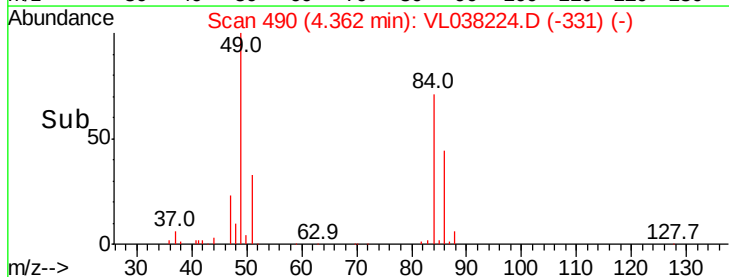
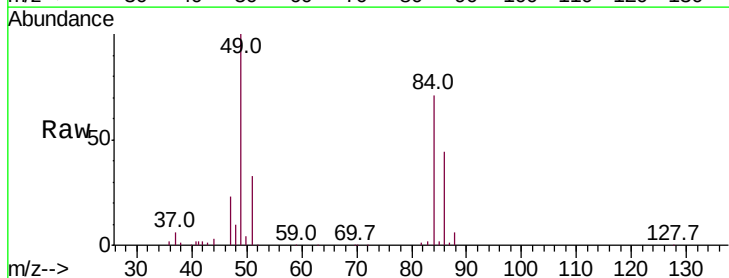
Manual Integrations
APPROVED

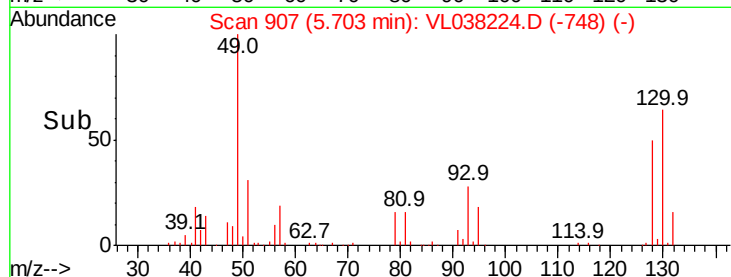
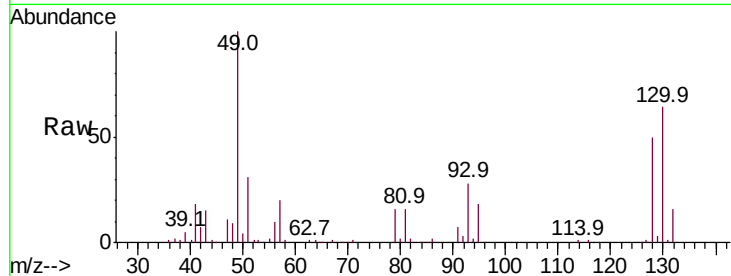
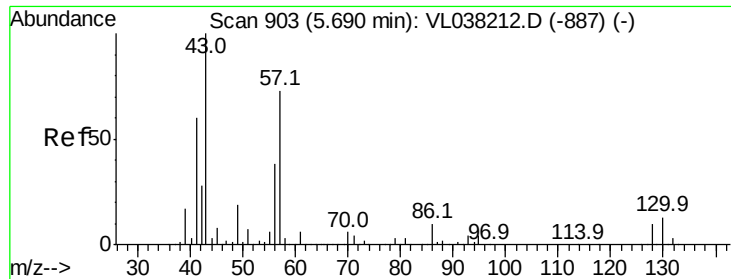
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#20
Methylene Chloride
Concen: 1.979 ppbv
RT: 4.36 min Scan# 490
Delta R.T. 0.01 min
Lab File: VL038224.D
Acq: 21 Dec 2021 22:16

Tgt Ion: 84 Resp: 83132
Ion Ratio Lower Upper
84 100
49 140.3 110.6 166.0
51 46.7 34.2 51.2
86 62.1 50.5 75.7

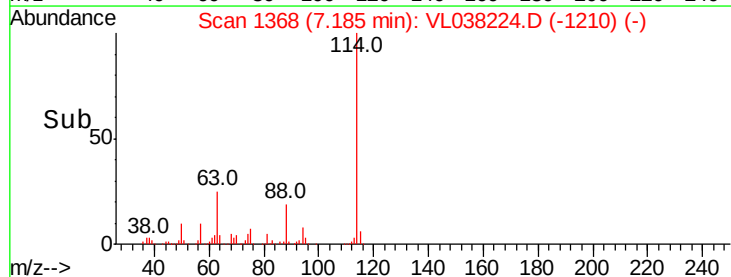
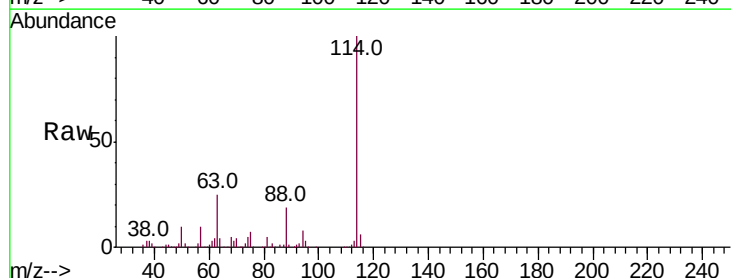
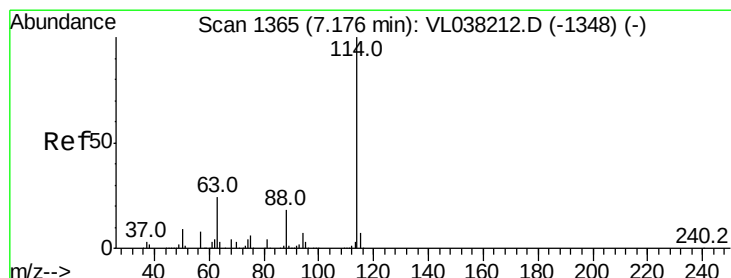
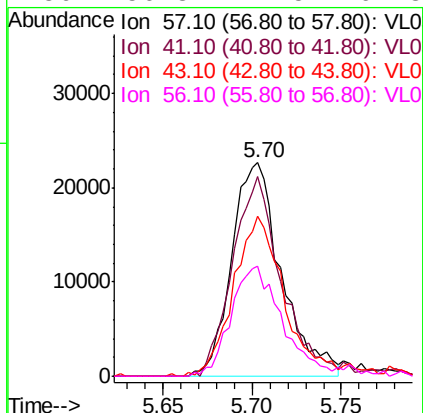




#26
Hexane
Concen: 0.436 ppbv
RT: 5.70
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 21 Dec 2021 22:16

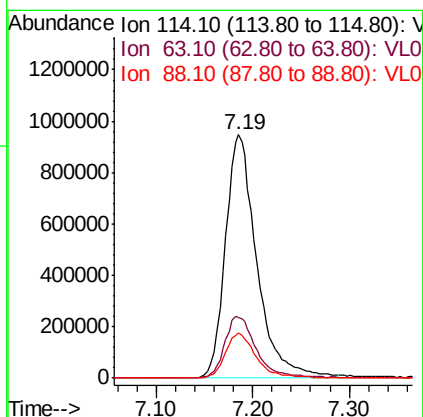
Tot Ion: Manual Integrations
Ion Ratio APPROVED
57 100
41 95.
43 80.
56 56.3 41.5 62.3

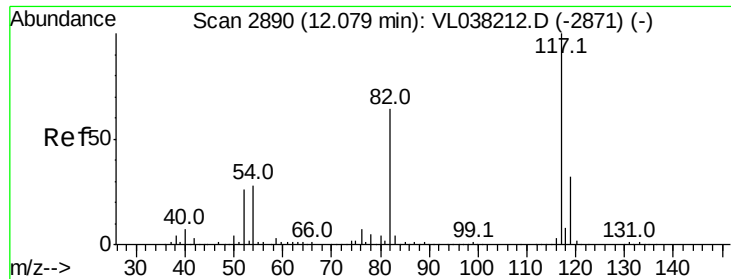
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VL038224.D
Acq: 21 Dec 2021 22:16

Tgt Ion:114 Resp: 2134452
Ion Ratio Lower Upper
114 100
63 26.1 19.7 29.5
88 18.4 14.3 21.5



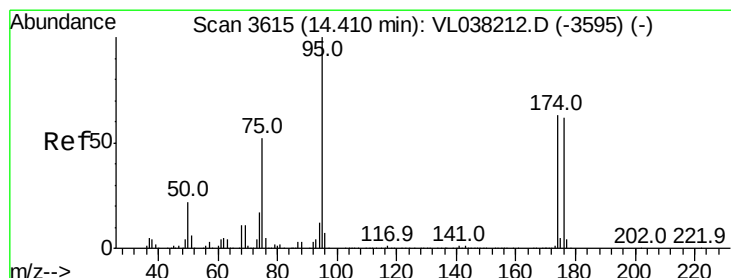
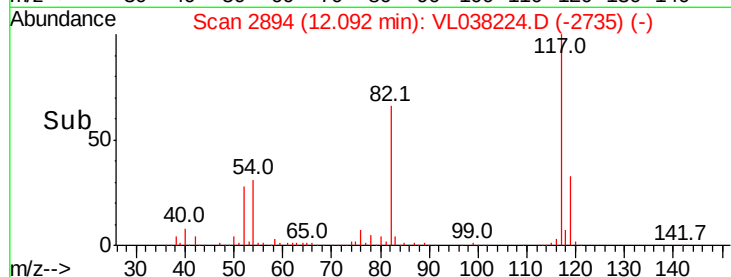
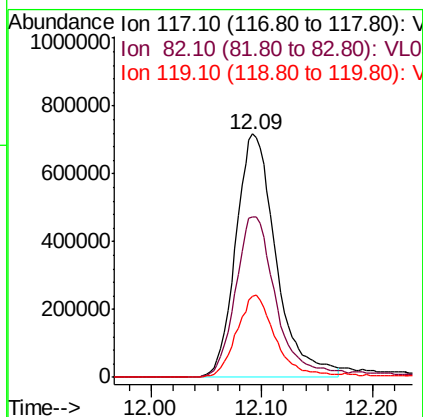
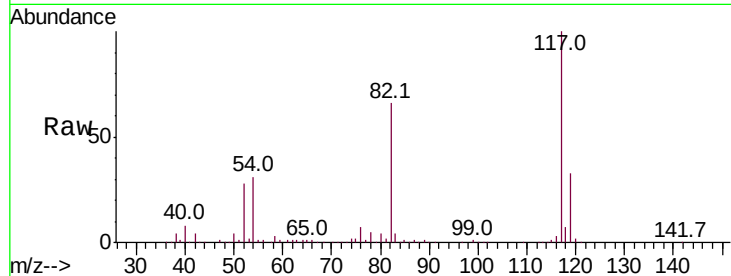


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 21 Dec 2021 22:10

Tot Ion: 1
Ion Ratio
117 100
82 68.
119 33.

Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 12/29/2021



#68
1-Bromo-4-Fluorobenzene
Concen: 10.332 ppbv
RT: 14.42 min Scan# 3619
Delta R.T.: 0.01 min
Lab File: VL038224.D
Acq: 21 Dec 2021 22:16

Tgt Ion: 95 Resp: 1446541
Ion Ratio Lower Upper
95 100
174 63.3 54.6 81.8
175 4.5 4.1 6.1

