

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101821\
 Data File : VL037874.D
 Acq On : 19 Oct 2021 5:18
 Operator : SY/AP
 Sample : M4068-14 L00 0.5
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT4-2021

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021
 Supervised By :Mahesh Dadoda 10/27/2021

Quant Time: Oct 20 02:52:04 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL100421A
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument:
 QLast Update : Mon Oct 04 17:43:54 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1066577	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3256123	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2839344	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1957941	9.86	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	8092m	0.107	ppbv	
15) Acetone	3.89	43	14337m	0.150	ppbv	
20) Methylene Chloride	4.35	84	15307m	0.316	ppbv	

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

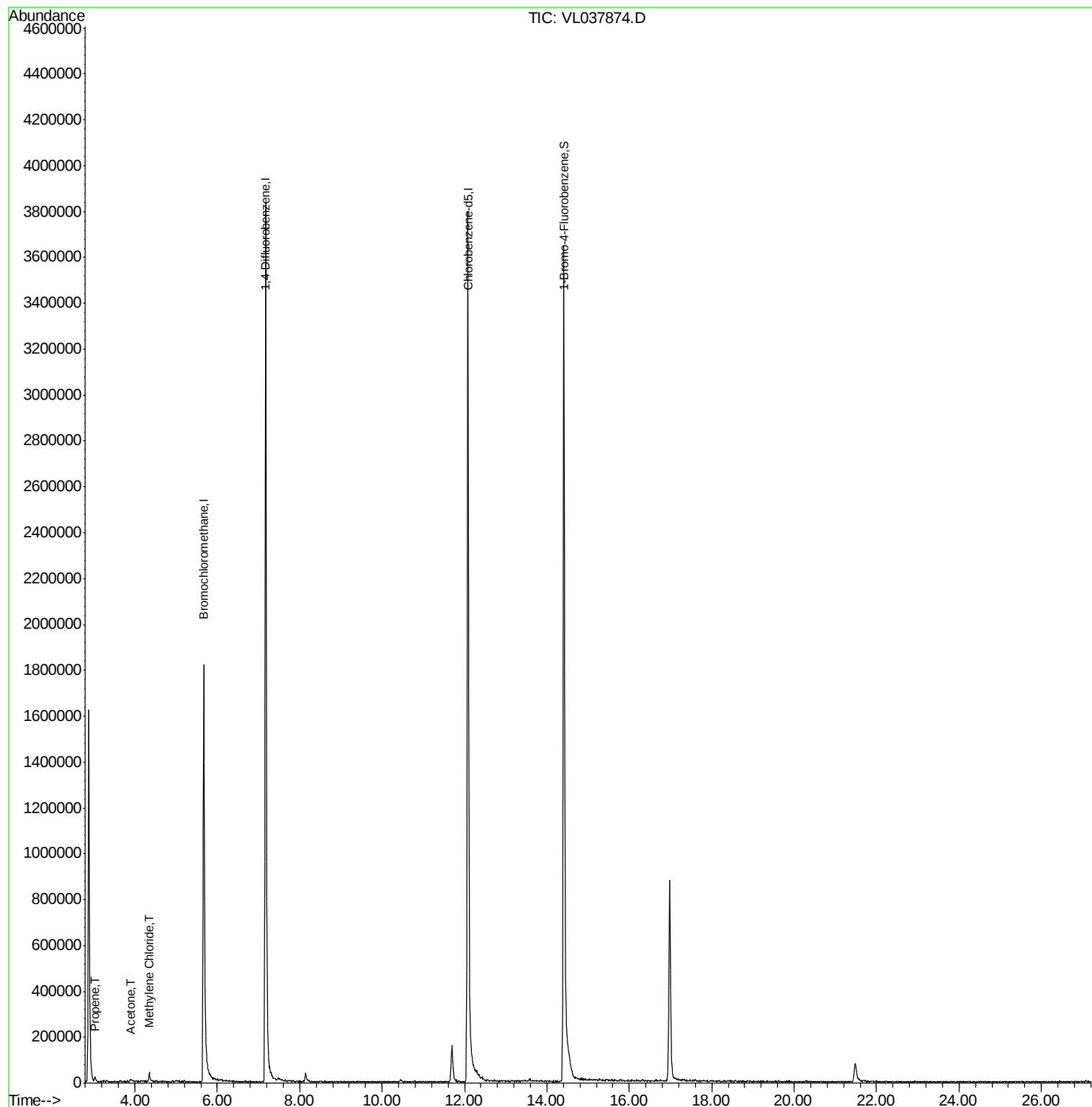
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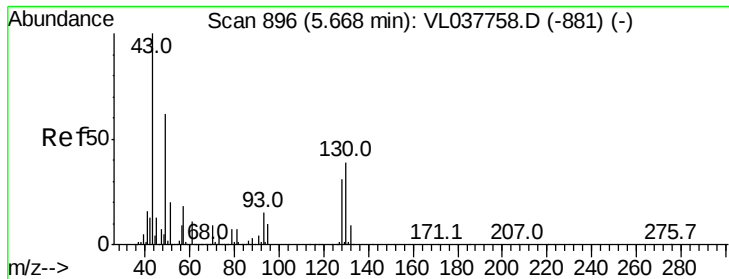
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021

Quant Time: Oct 20 02:52:04 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL100421
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 19 Oct 2021 5:18

Tot Ion:

Ion Ratio

49 100

128 55.

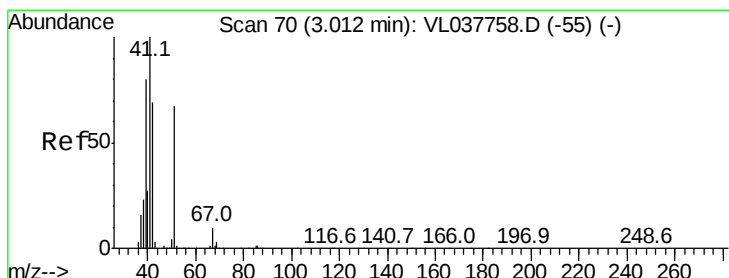
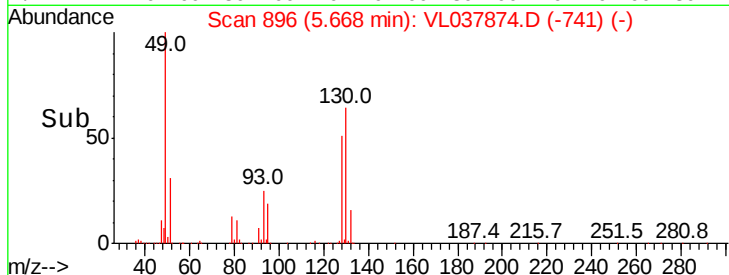
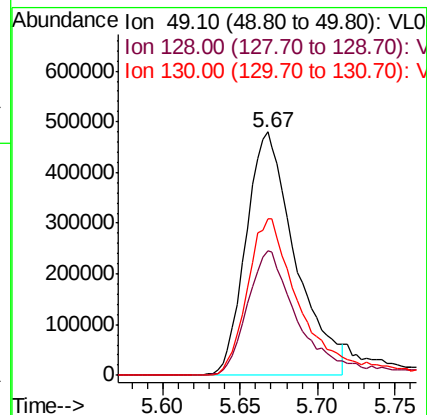
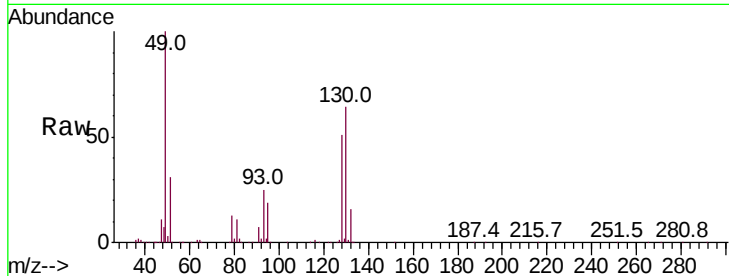
130 73.

Manual Integrations

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#9

Propene

Concen: 0.107 ppbv m

RT: 3.02 min Scan# 72

Delta R.T. 0.01 min

Lab File: VL037874.D

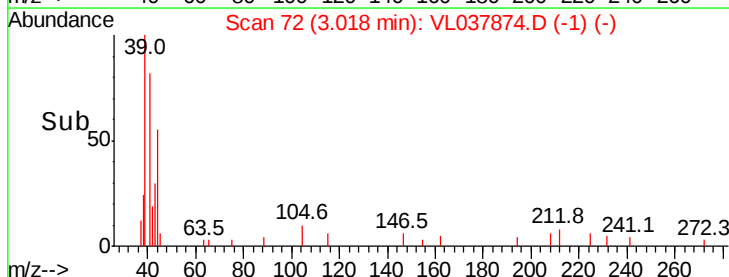
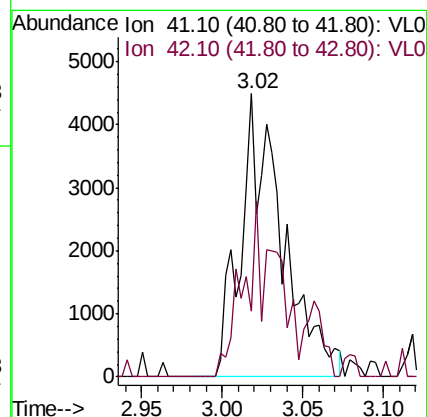
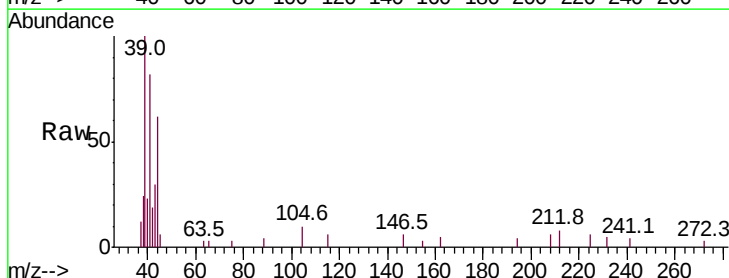
Acq: 19 Oct 2021 5:18

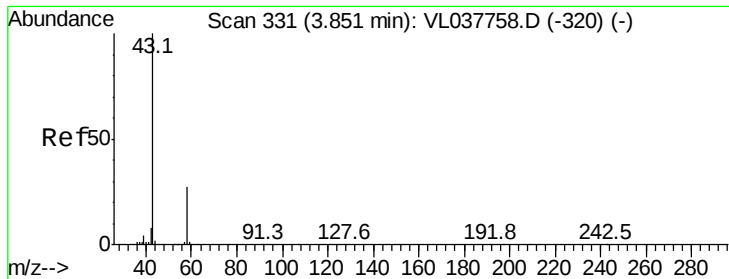
Tgt Ion: 41 Resp: 8092

Ion Ratio Lower Upper

41 100

42 0.0 54.2 81.2#



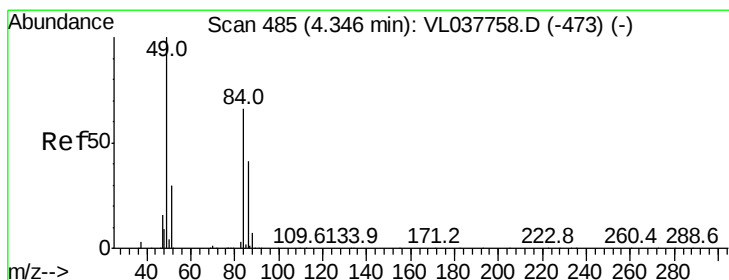
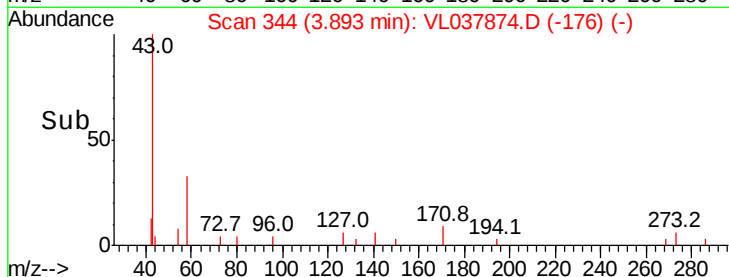
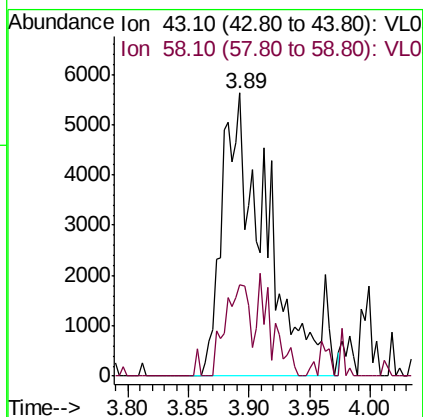
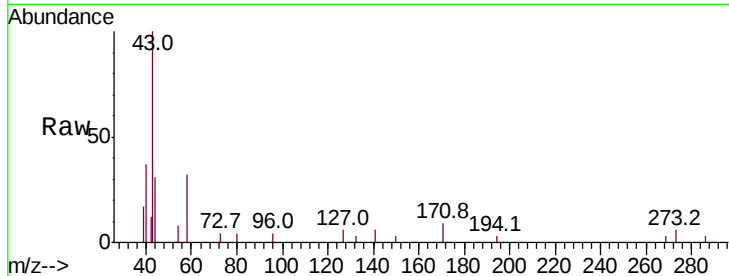


#15
Acetone
Concen: 0.150 ppbv m
RT: 3.89
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 19 Oct 2021 5:18

Tot Ion:
Ion Ratio
43 100
58 0.

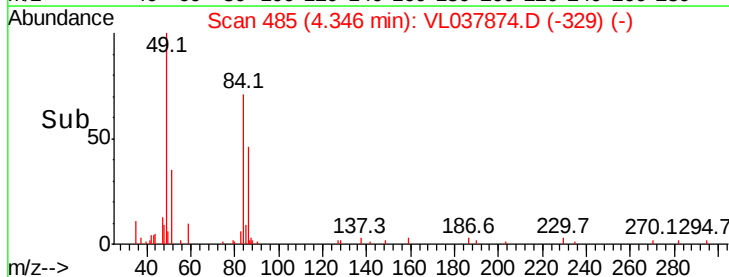
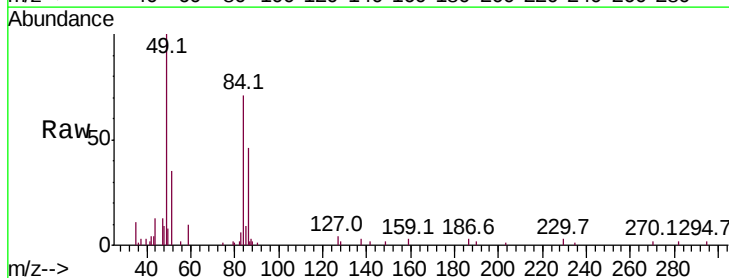
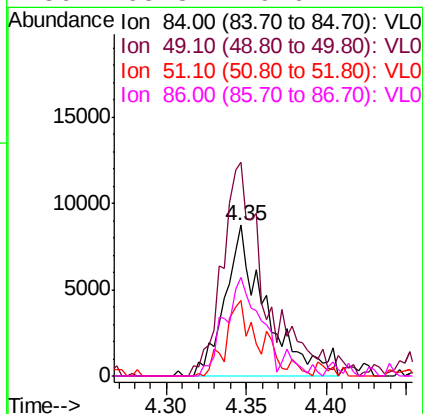
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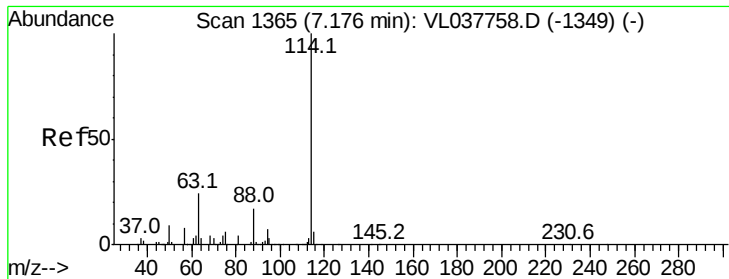
Reviewed By :Semsettin Yesilyurt 10/25/2021
Supervised By :Mahesh Dadoda 10/27/2021



#20
Methylene Chloride
Concen: 0.316 ppbv m
RT: 4.35 min Scan# 485
Delta R.T. -0.00 min
Lab File: VL037874.D
Acq: 19 Oct 2021 5:18

Tgt Ion: 84 Resp: 15307
Ion Ratio Lower Upper
84 100
49 141.8 120.7 181.1
51 49.8 36.2 54.4
86 65.8 49.6 74.4



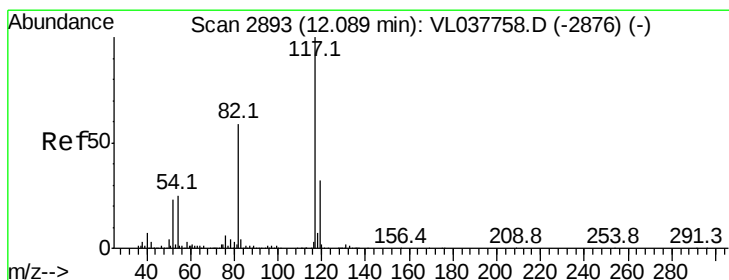
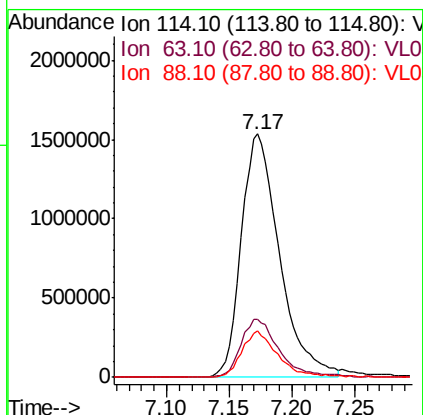
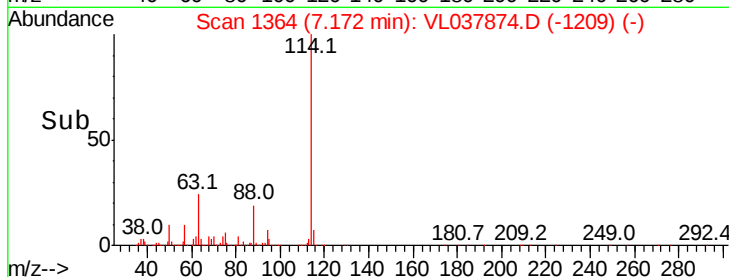
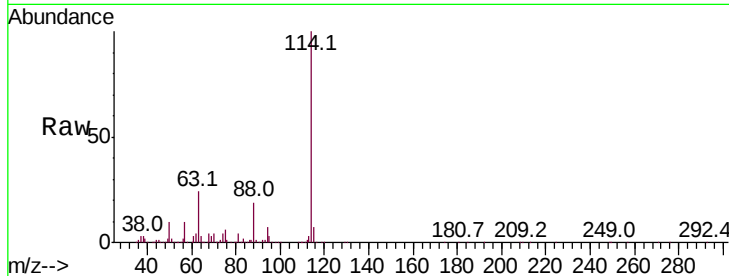


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 19 Oct 2021 5:18

Tot Ion:1
 Ion Rati
 114 100
 63 24.
 88 18.

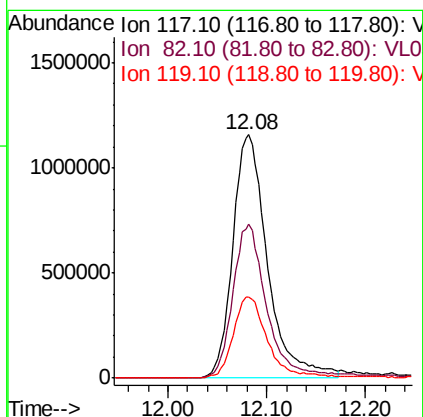
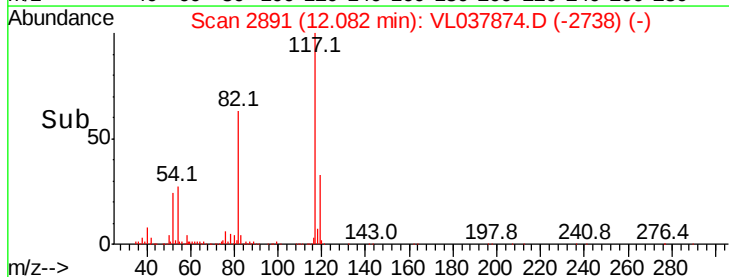
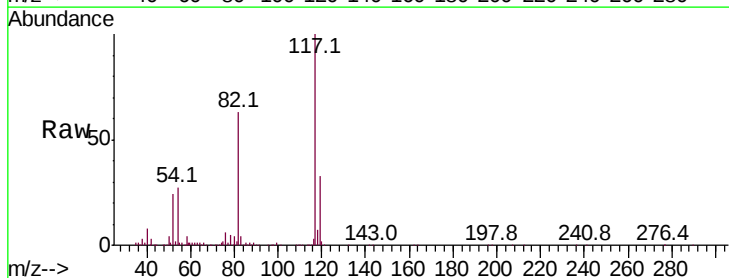
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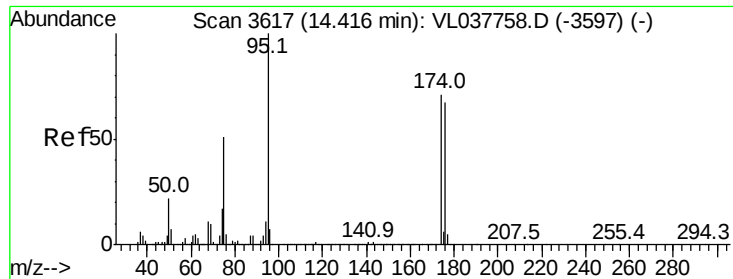
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 Supervised By :Mahesh Dadoda 10/27/2021



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.08 min Scan# 2891
 Delta R.T.: -0.01 min
 Lab File: VL037874.D
 Acq: 19 Oct 2021 5:18

Tgt Ion:117 Resp: 2839344
 Ion Ratio Lower Upper
 117 100
 82 65.6 52.2 78.2
 119 32.7 26.0 39.0





#68

1-Bromo-4-Fluorobenzene

Concen: 9.861 ppbv

RT: 14.41

Delta R.T

Lab File: ClientSampleId :

Acq: 19 Oct 2021 5:18

Tot Ion:

Ion Ratio

95 100

174 74.

175 5.

Manual Integrations

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