

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092821\
 Data File : VL037718.D
 Acq On : 29 Sep 2021 1:03
 Operator : SY/AP
 Sample : M3948-05DL2 57X
 Misc : 400mL/MSVOA_L
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV5DL2

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/04/2021
 Supervised By : Mahesh Dadoda 10/04/2021

Quant Time: Sep 29 21:12:43 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621A
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument:
 QLast Update : Thu Sep 16 13:42:46 2021
 Response via : Initial Calibration

10/04/2021 12:13:45 PM

Supervised By : Mahesh MMDadoda 10/4/2021 3:31:34 PM
 Dadoda

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1360538	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	3999063	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	3369232	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2323510	9.54	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.02	41	1382587	15.273	ppbv	90
15) Acetone	3.86	43	1615701	11.430	ppbv	99
34) 2-Butanone	5.27	43	96000m	0.591	ppbv	
53) Toluene	9.81	91	48621m	0.131	ppbv	

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

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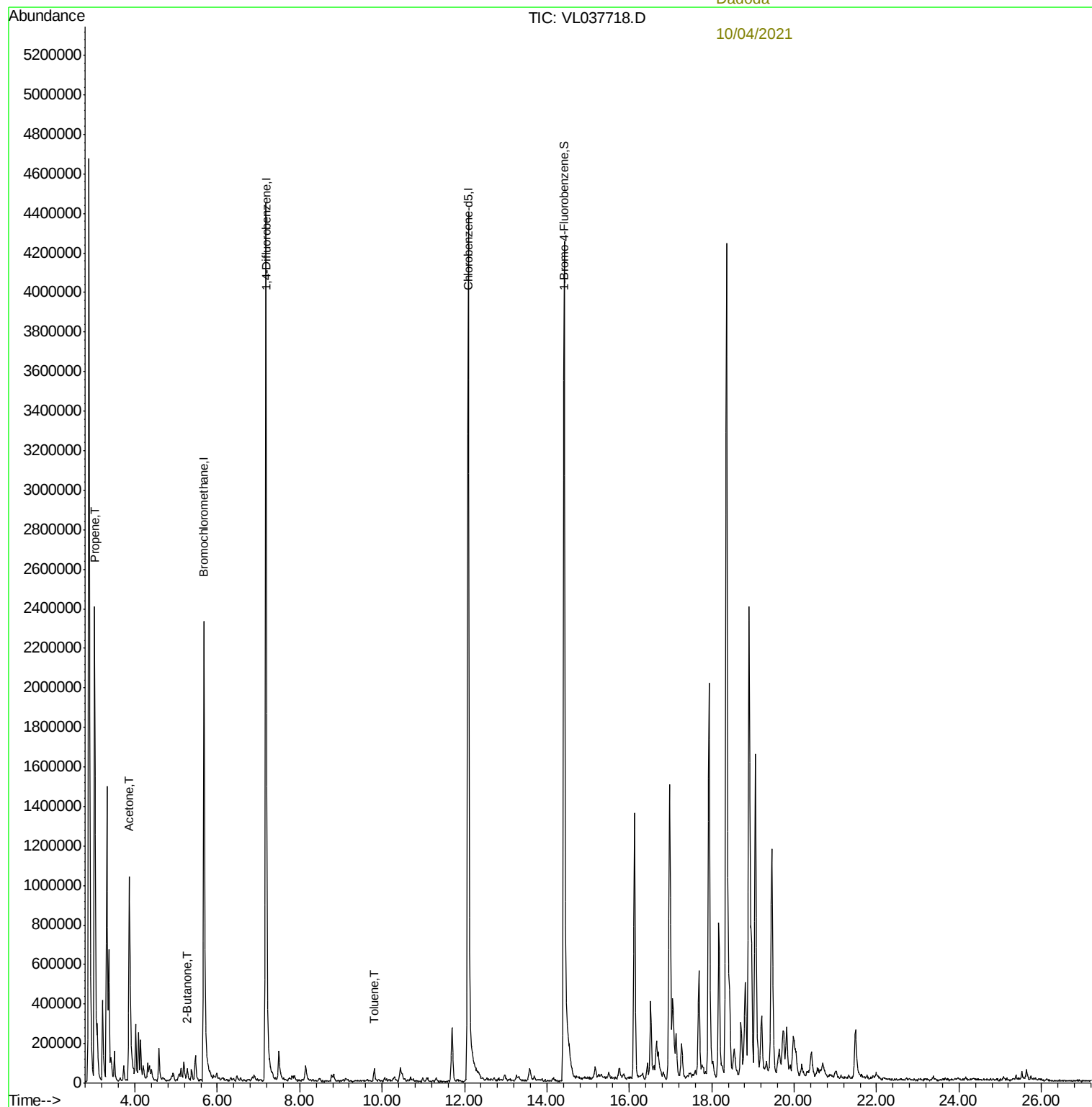
Quant Time: Sep 29 21:12:43 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL091621
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Thu Sep 16 13:42:46 2021
Response via : Initial Calibration

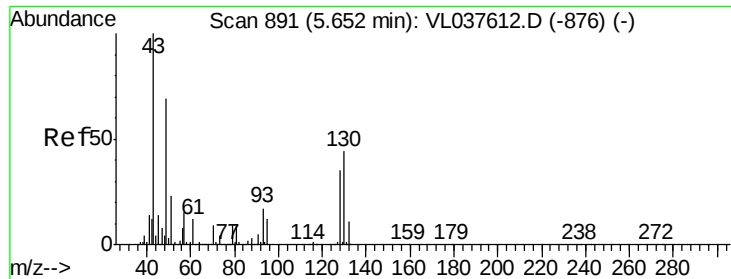
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 29 Sep 2021 1:03

Tgt Ion:

Ion Ratio

49 100

128 51.

130 66.

Manual Integrations

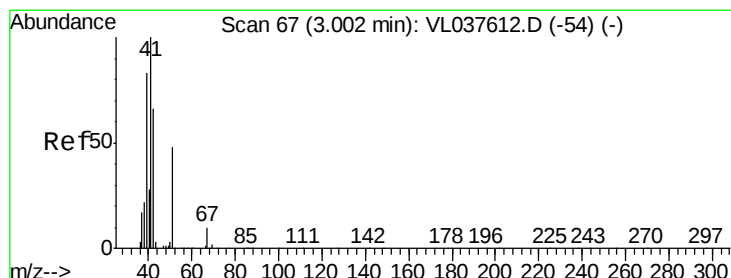
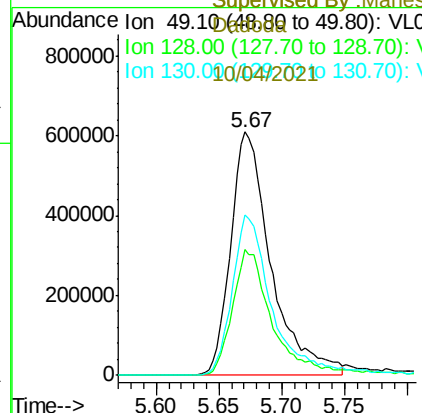
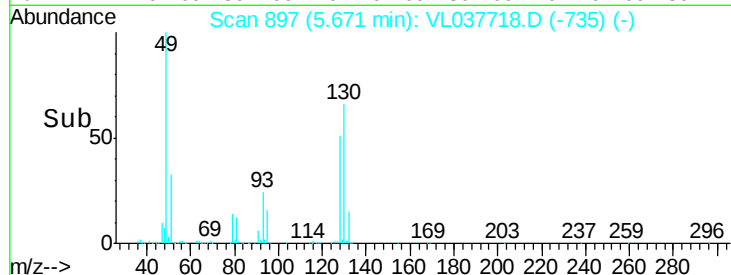
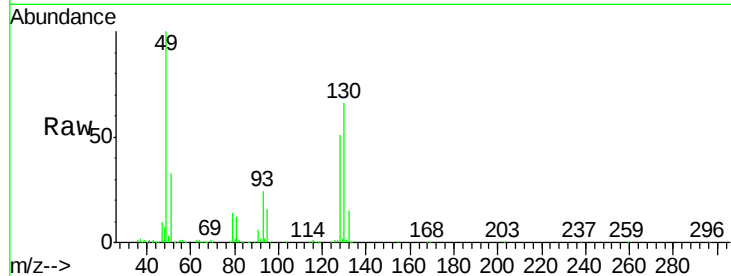
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#9

Propene

Concen: 15.273 ppbv

RT: 3.02 min Scan# 72

Delta R.T. 0.02 min

Lab File: VL037718.D

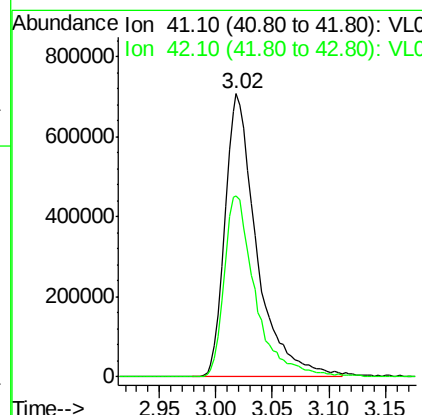
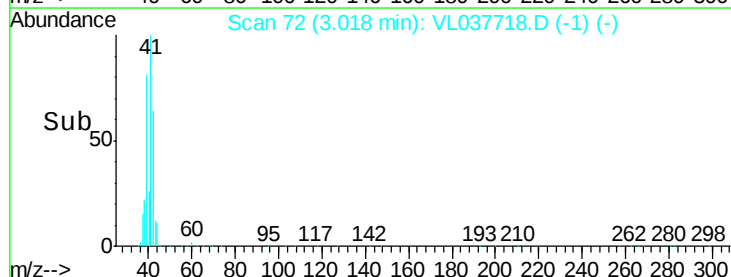
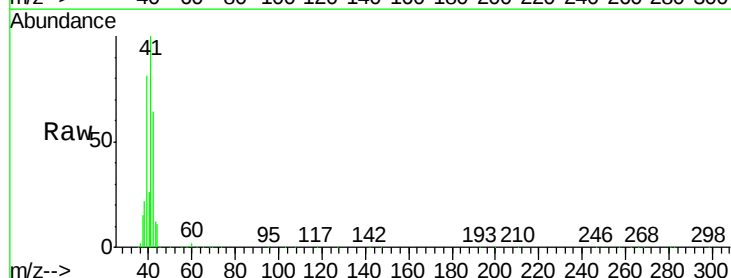
Acq: 29 Sep 2021 1:03

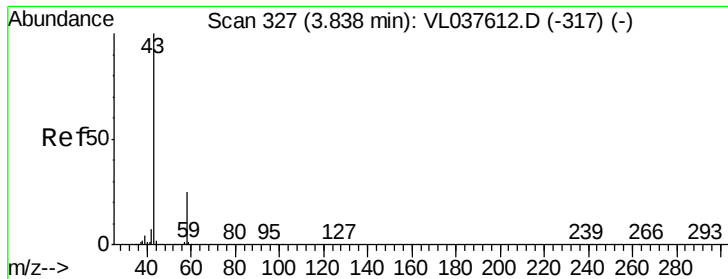
Tgt Ion: 41 Resp: 1382587

Ion Ratio Lower Upper

41 100

42 63.3 57.2 85.8





#15

Acetone

Concen: 11.430 ppbv

RT: 3.86

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 29 Sep 2021 1:03

Tgt Ion:

Ion Ratio

43 100

58 31.

Manual Integrations

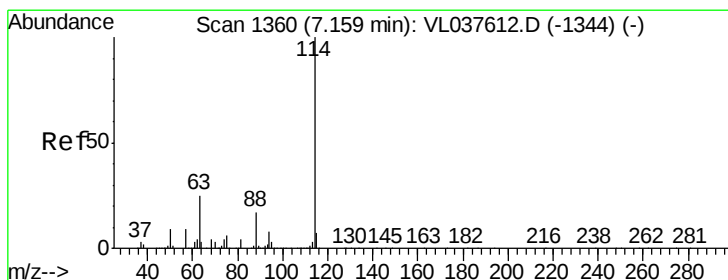
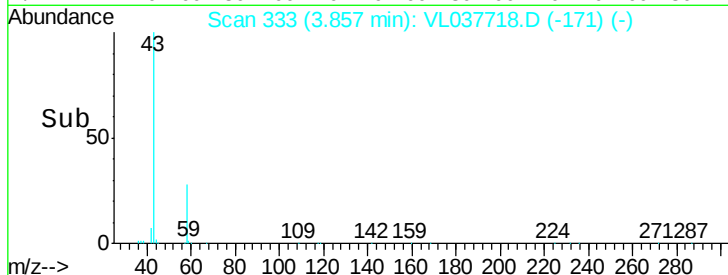
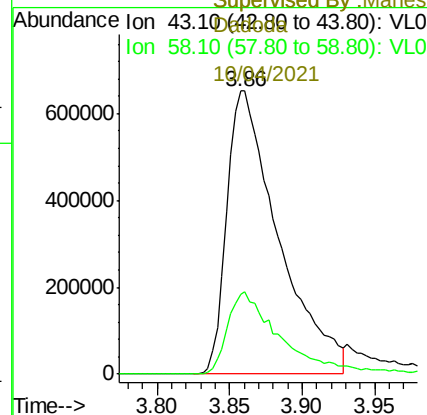
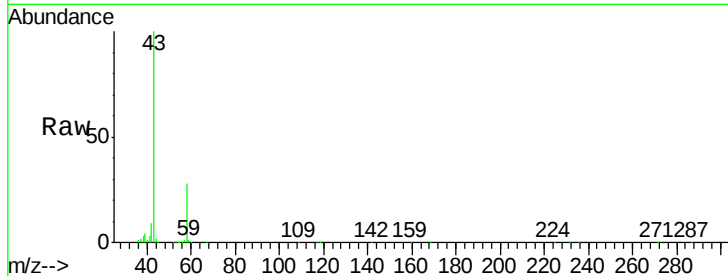
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Supervised By :Mahesh MMDadoda 10/4/2021 3:31:34 PM



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1366

Delta R.T. 0.02 min

Lab File: VL037718.D

Acq: 29 Sep 2021 1:03

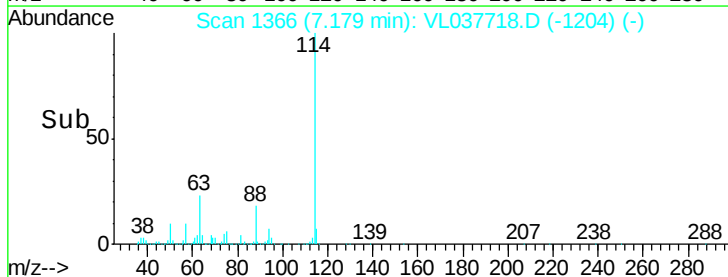
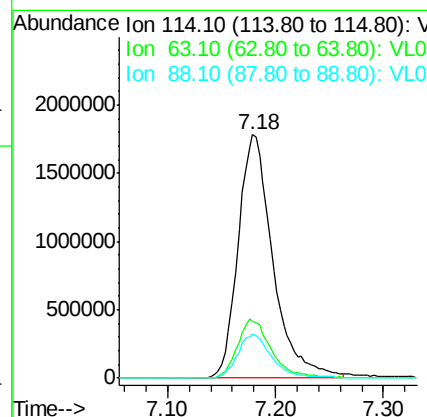
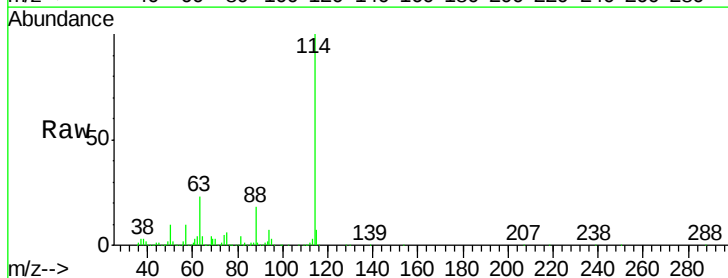
Tgt Ion:114 Resp: 3999063

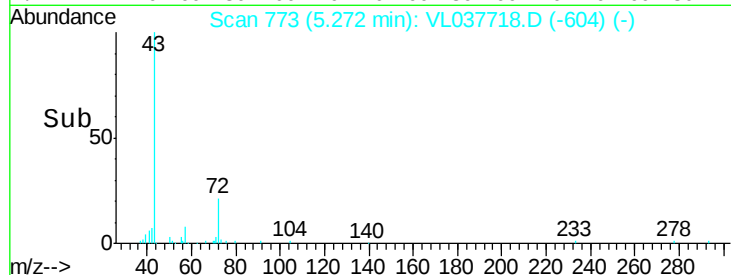
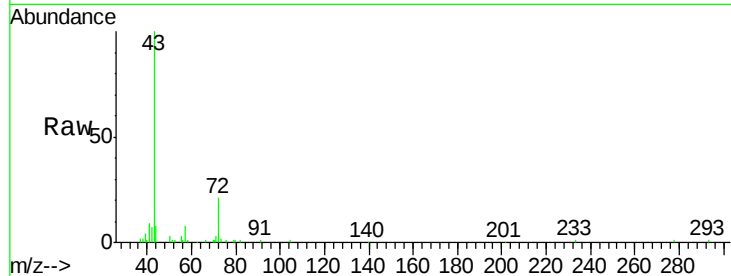
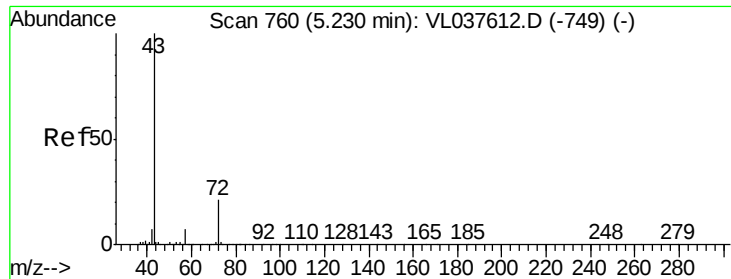
Ion Ratio Lower Upper

114 100

63 24.2 19.6 29.4

88 17.9 14.2 21.4





#34
2-Butanone
Concen: 0.591 ppbv m
RT: 5.27
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 29 Sep 2021 1:03

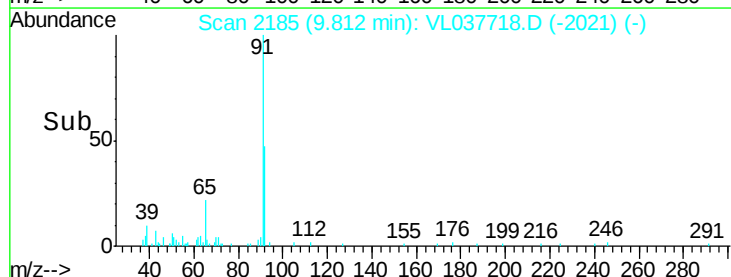
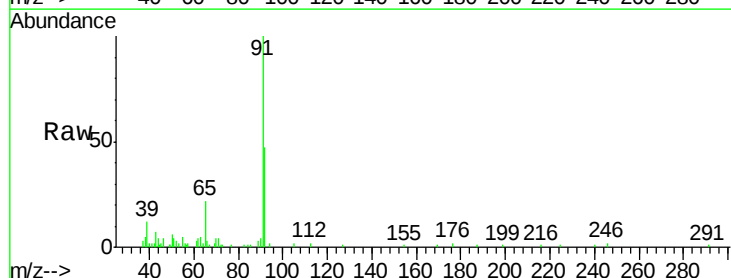
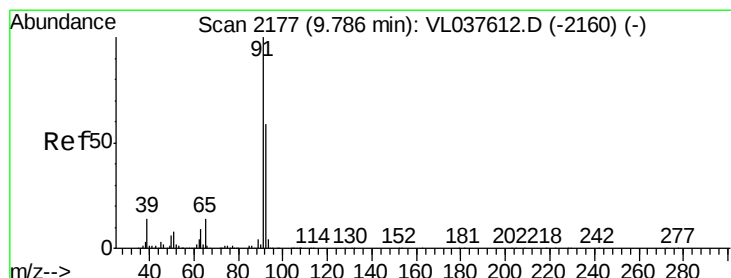
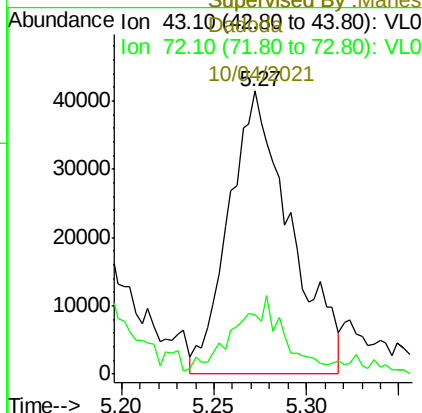
Tgt Ion:
Ion Ratio
43 100
72 0.

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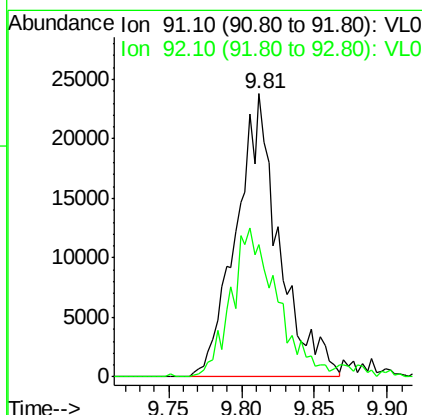
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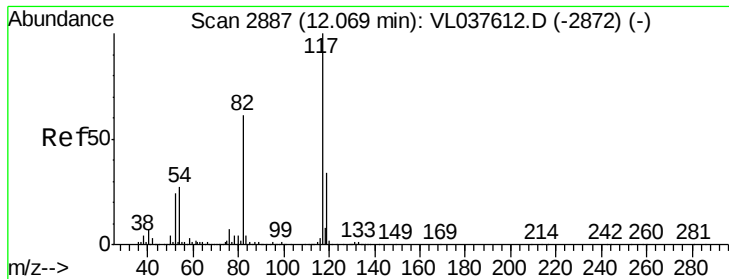
Supervised By :Mahesh MMDadoda 10/4/2021 3:31:34 PM



#53
Toluene
Concen: 0.131 ppbv m
RT: 9.81 min Scan# 2185
Delta R.T. 0.03 min
Lab File: VL037718.D
Acq: 29 Sep 2021 1:03

Tgt Ion: 91 Resp: 48621
Ion Ratio Lower Upper
91 100
92 56.1 48.9 73.3



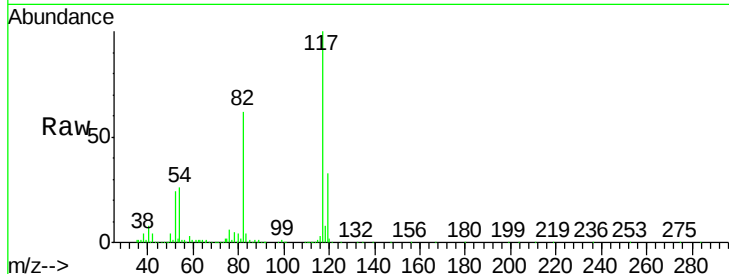


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.: 0.02 min
Lab File: VL037612.D
Client Sample ID: SV5DL2
Acq: 29 Sep 2021 1:03

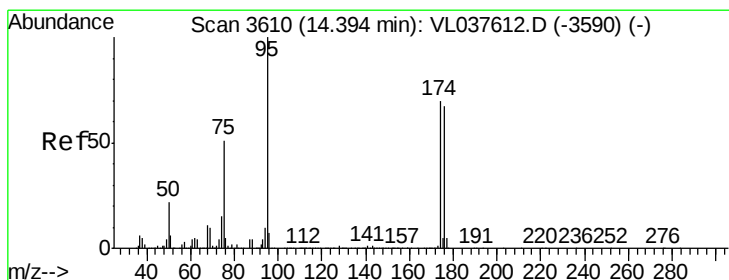
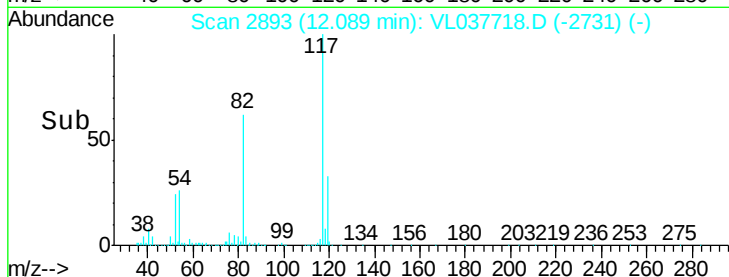
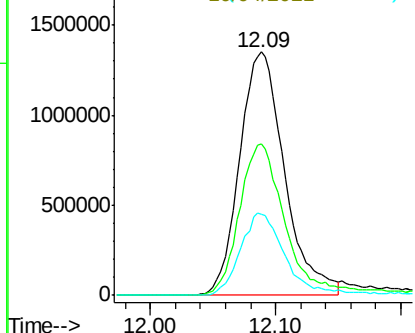
Tgt Ion: 117
Ion Ratio: 100
82 66.6
119 35.8

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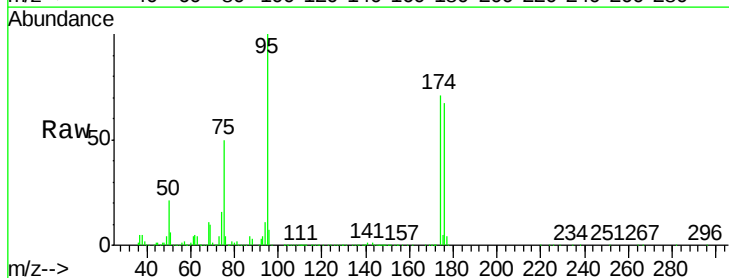


Abundance Ion 117.10 (116.80 to 117.80): VL037612.D (-2872) (-)
Ion 82.10 (81.80 to 82.80): VL037612.D (-2872) (-)
Ion 119.10 (118.80 to 119.80): VL037612.D (-2872) (-)



#68
1-Bromo-4-Fluorobenzene
Concen: 9.542 ppbv
RT: 14.42 min Scan# 3617
Delta R.T.: 0.02 min
Lab File: VL037718.D
Acq: 29 Sep 2021 1:03

Tgt Ion: 95 Resp: 2323510
Ion Ratio Lower Upper
95 100
174 81.3 56.3 84.5
175 5.9 4.4 6.6



Abundance Ion 95.10 (94.80 to 95.80): VL037612.D (-3590) (-)
Ion 174.00 (173.70 to 174.70): VL037612.D (-3590) (-)
Ion 175.00 (174.70 to 175.70): VL037612.D (-3590) (-)

