

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030321\
 Data File : VL036441.D
 Acq On : 3 Mar 2021 16:32
 Operator : SY/AP
 Sample : VL0303ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0303ABL01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/04/2021
 Supervised By : Mahesh Dadoda 03/04/2021

Quant Time: Mar 04 08:47:22 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030321A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Wed Mar 03 14:18:24 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1739259	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	3886124	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3492391	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2864682	9.97	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.88	43	53528m	0.269	ppbv	
20) Methylene Chloride	4.35	84	14781m	0.221	ppbv	

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

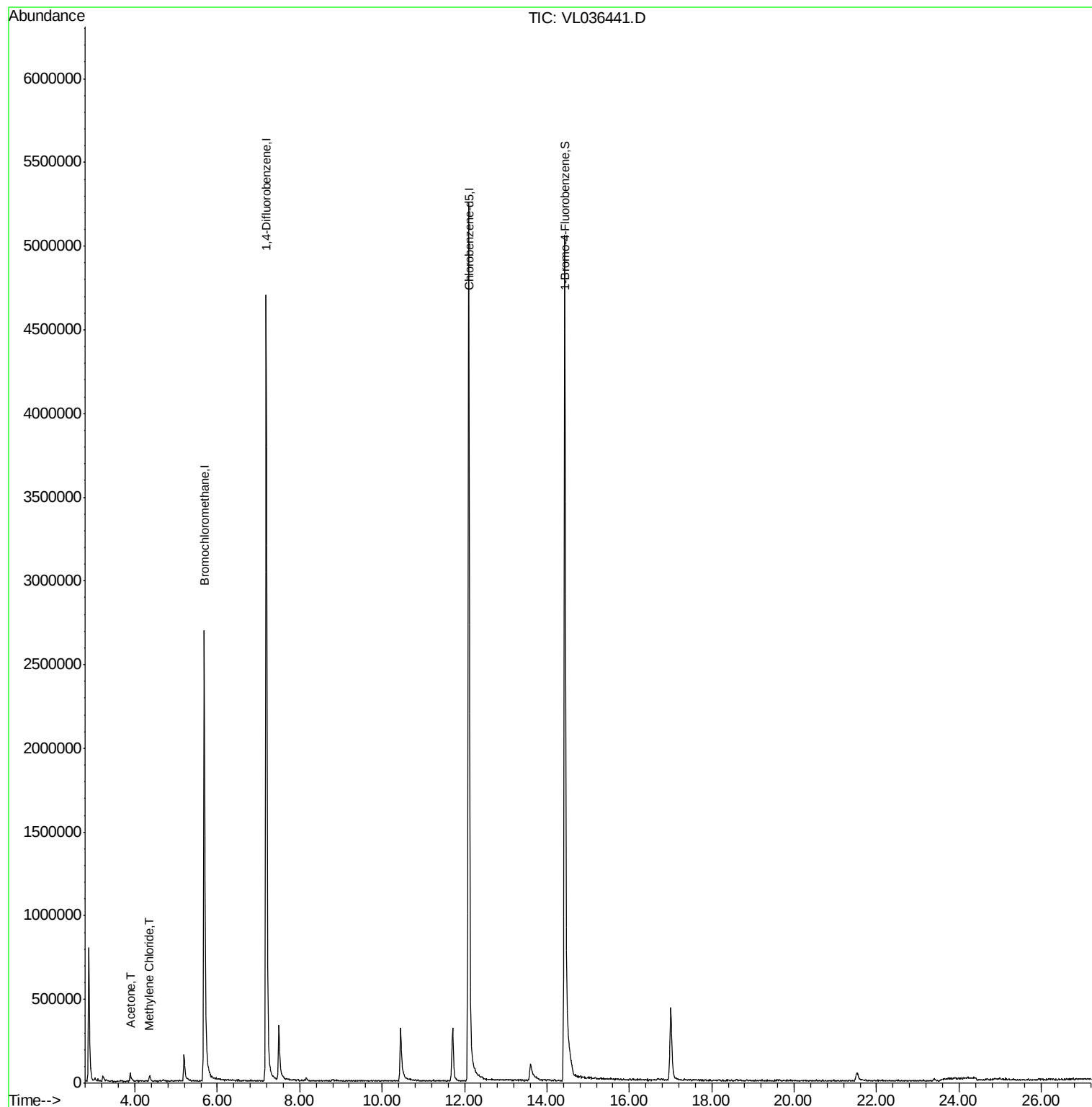
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL030321\
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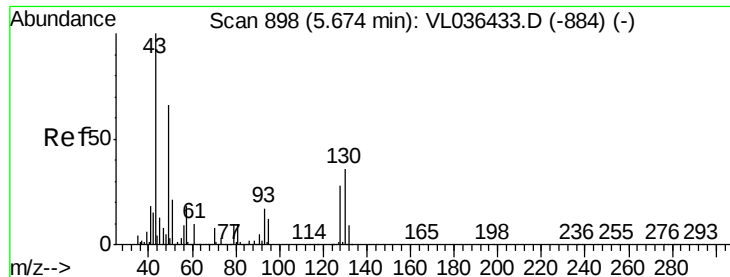
Instrument :
MSVOA_L
ClientSampleId :
VL0303ABL01

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL030321
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 3 Mar 2021 16:32

Tot Ion:

Ion Ratio

49 100

128 43.

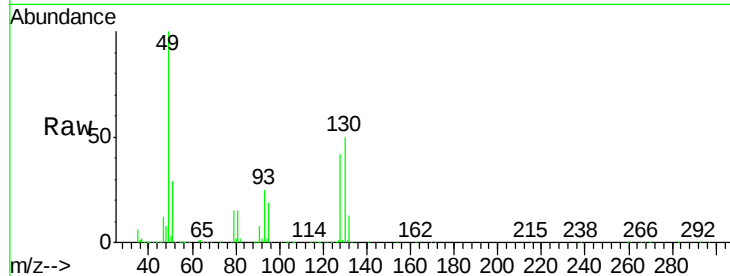
130 54.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/04/2021

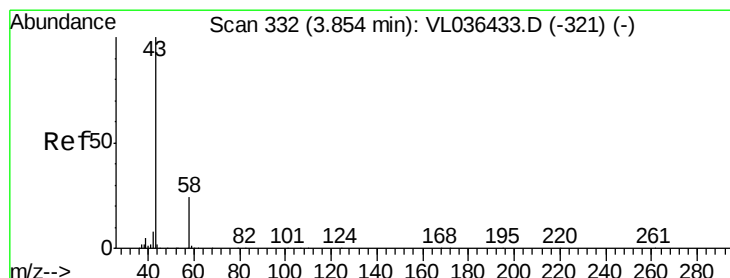
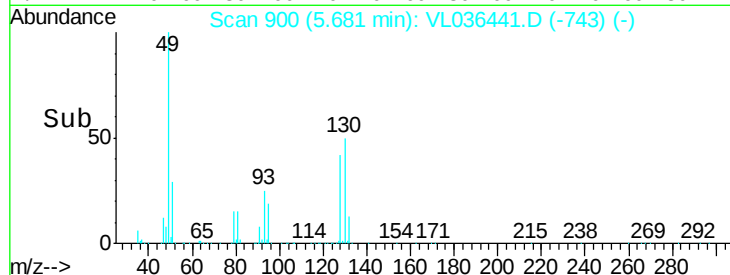
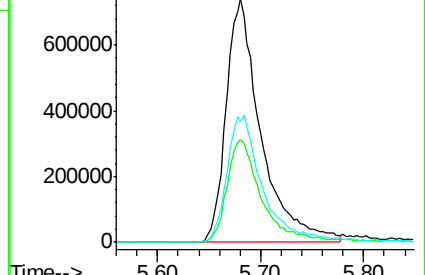
Supervised By :Mahesh Dadoda 03/04/2021



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#15

Acetone

Concen: 0.269 ppbv m

RT: 3.88 min Scan# 341

Delta R.T. 0.03 min

Lab File: VL036441.D

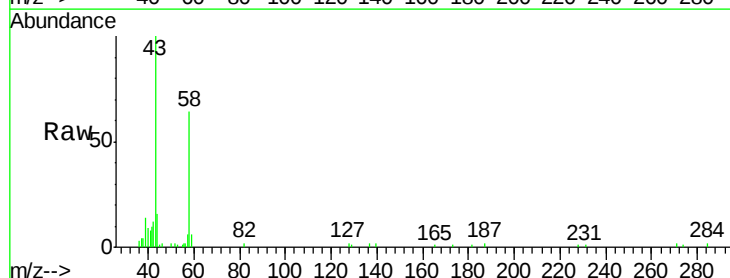
Acq: 3 Mar 2021 16:32

Tgt Ion: 43 Resp: 53528

Ion Ratio Lower Upper

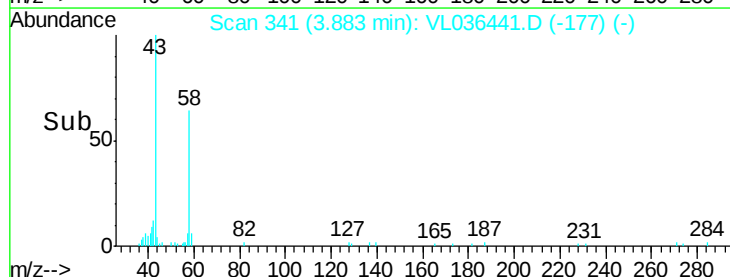
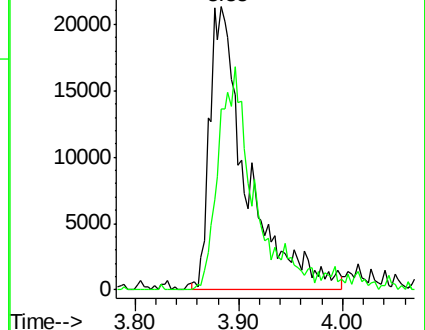
43 100

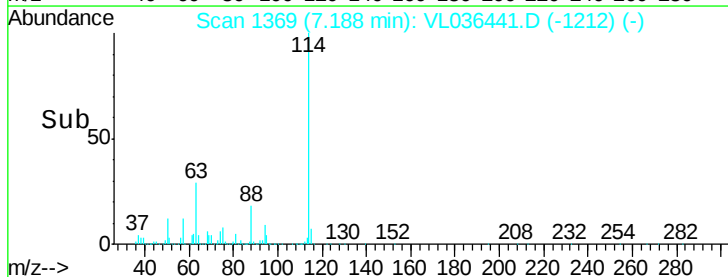
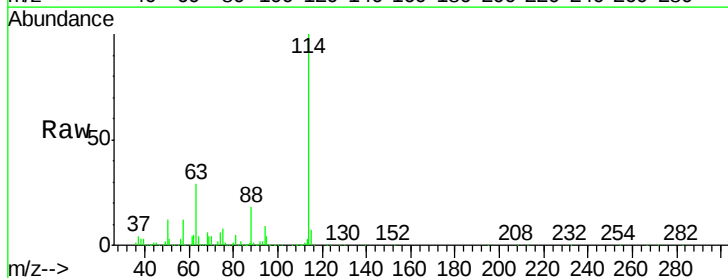
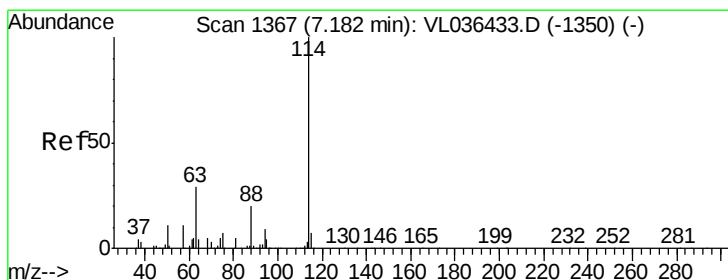
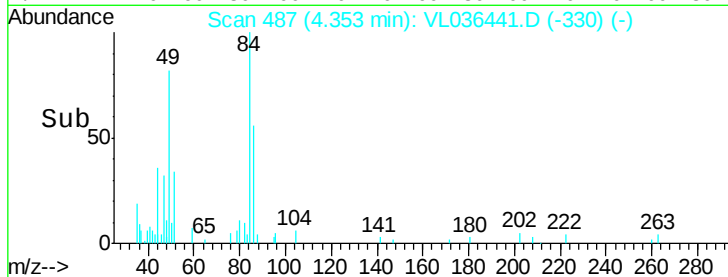
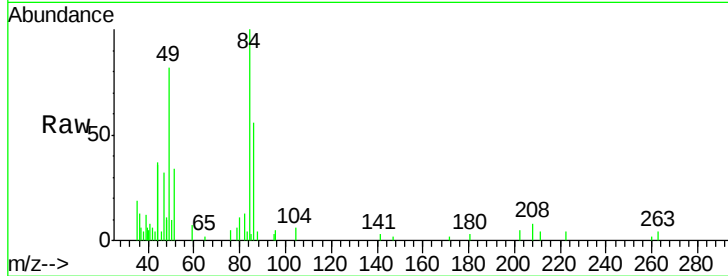
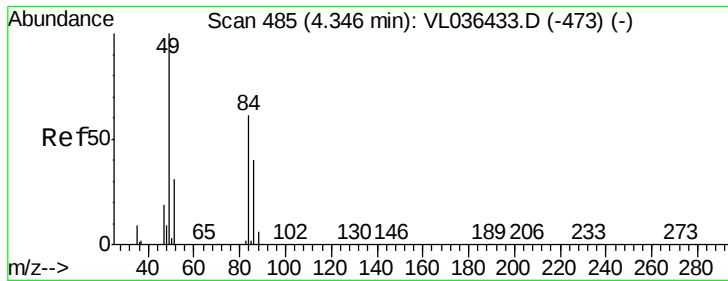
58 0.0 21.0 31.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#20

Methylene Chloride

Concen: 0.221 ppbv m

RT: 4.35 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2021 16:32 VL0303ABL01

Tot Ion:

Ion Ratio

84 100

49 81.

51 33.

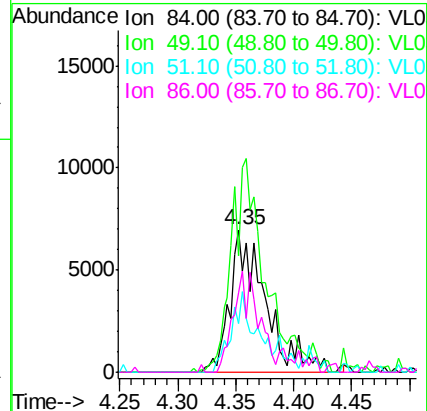
86 55.8

Manual Integrations

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.19 min Scan# 1369

Delta R.T. 0.01 min

Lab File: VL036441.D

Acq: 3 Mar 2021 16:32

Tgt Ion:114 Resp: 3886124

Ion Ratio Lower Upper

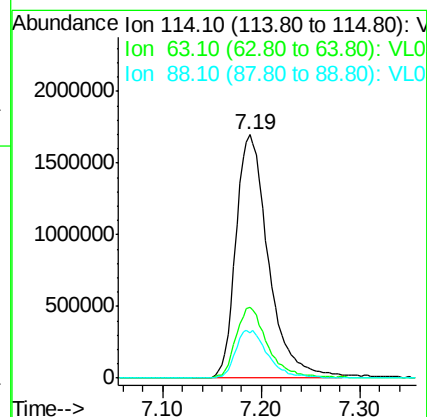
114 100

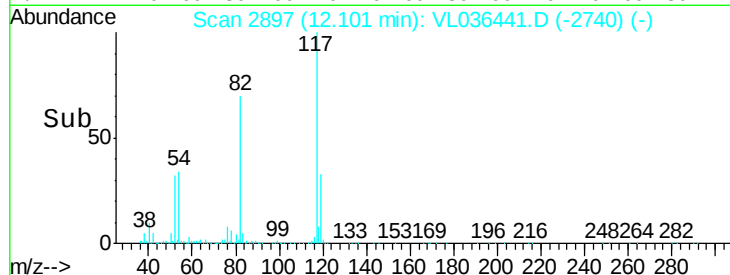
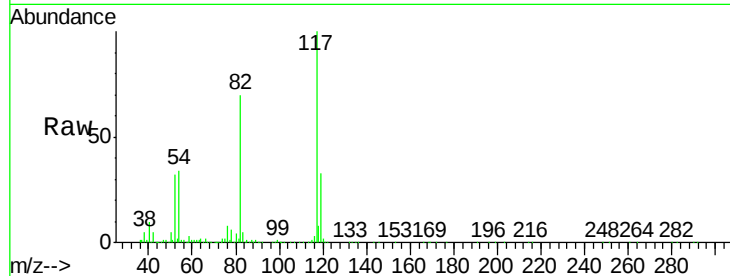
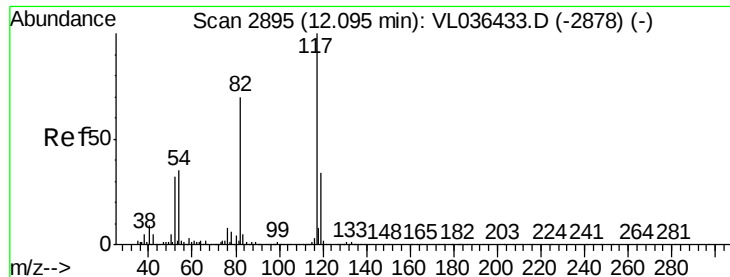
63 28.6

88 19.9

23.3 34.9

15.6 23.4



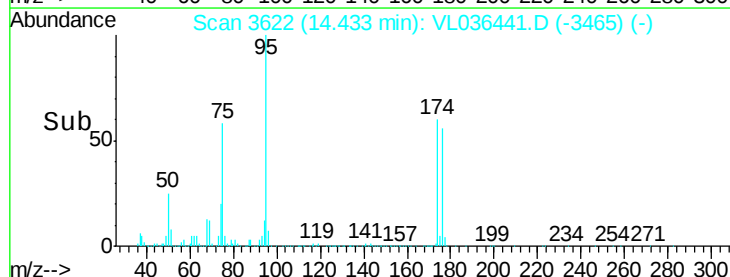
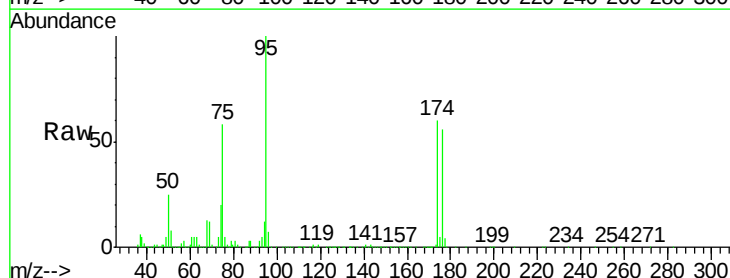
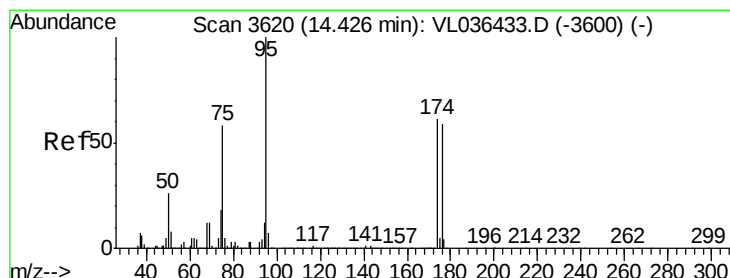
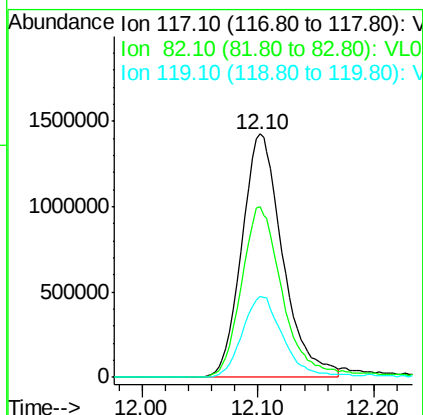


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0303ABL01
Acq: 3 Mar 2021 16:32

Tot Ion: 1
Ion Ratio
117 100
82 73.
119 34.

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Supervised By : Mahesh Dadoda 03/04/2021



#68
1-Bromo-4-Fluorobenzene
Concen: 9.974 ppbv
RT: 14.43 min Scan# 3622
Delta R.T.: 0.01 min
Lab File: VL036441.D
Acq: 3 Mar 2021 16:32

Tgt Ion: 95 Resp: 2864682
Ion Ratio Lower Upper
95 100
174 65.0 51.0 76.4
175 4.9 3.8 5.6

