

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042721\
 Data File : VL036868.D
 Acq On : 27 Apr 2021 21:49
 Operator : SY/AP
 Sample : M2172-09DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OFFSITE-DDC-EFFLUENTDL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/28/2021
 Supervised By : Mahesh Dadoda 04/29/2021

Quant Time: Apr 29 16:20:38 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Tue Apr 27 16:56:35 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1559562	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.18	114	3707481	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3244151	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.43	95	2517976	9.67	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.70%
Target Compounds						
13) Ethanol	3.65	45	16868m	1.528	ppbv	Ovalue
15) Acetone	3.88	43	89537m	0.609	ppbv	
31) cis-1,2-Dichloroethene	5.56	61	283427	1.880	ppbv	100

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

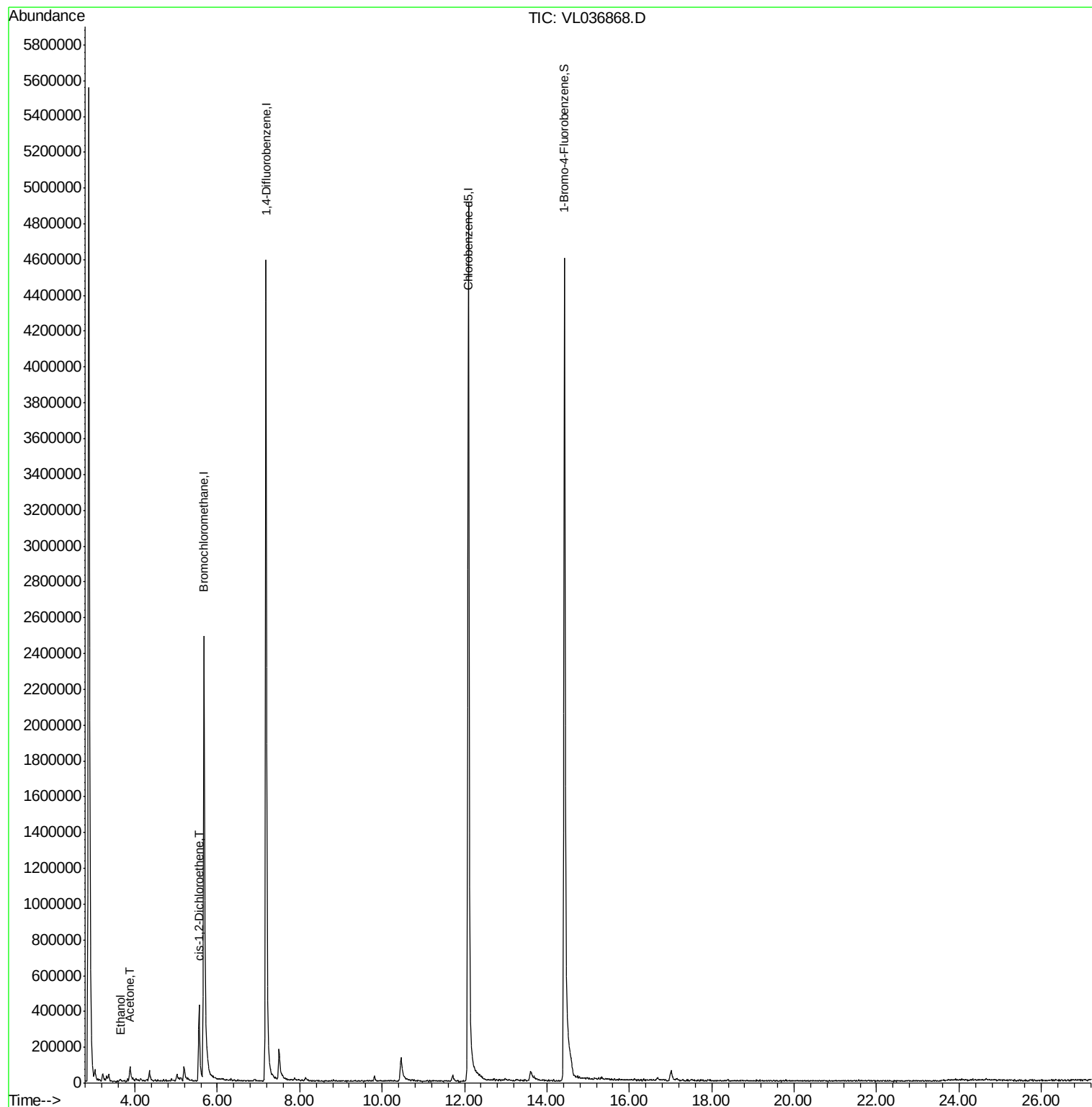
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL042721\
Data File : VL036868.D
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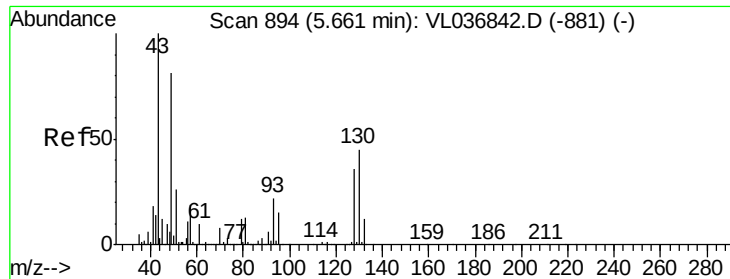
Instrument :
MSVOA_L
ClientSampleId :
OFFSITE-DDC-EFFLUENTDL

Quant Time: Apr 29 16:20:38 2021
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Apr 2021 21:49 OFFSITE-DDC-EFFLUENTDL

Tot Ion:

Ion Ratio

49 100

128 47.

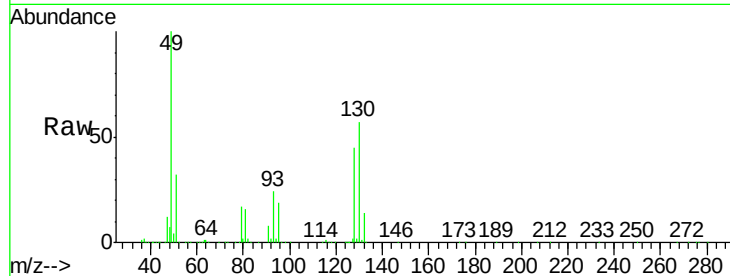
130 61.

Manual Integrations

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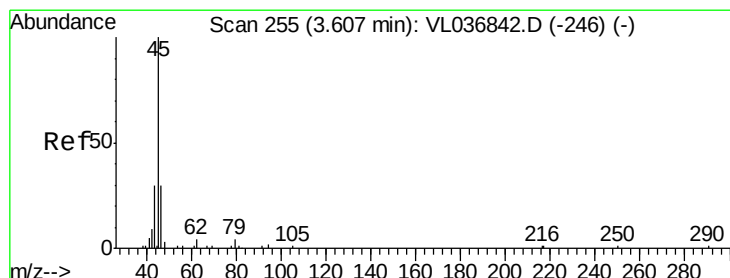
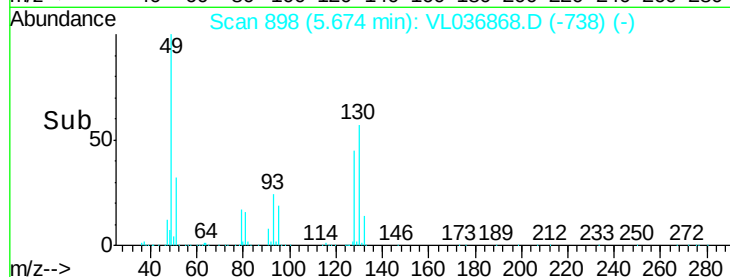
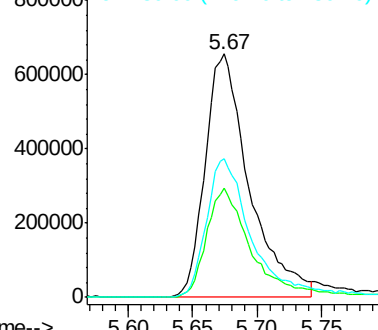
Supervised By :Mahesh Dadoda 04/29/2021



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



#13

Ethanol

Concen: 1.528 ppbv m

RT: 3.65 min Scan# 267

Delta R.T. 0.04 min

Lab File: VL036868.D

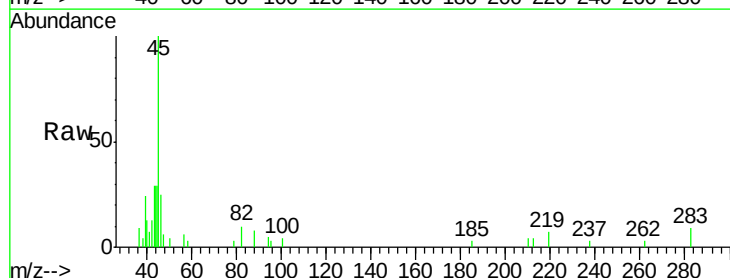
Acq: 27 Apr 2021 21:49

Tgt Ion: 45 Resp: 16868

Ion Ratio Lower Upper

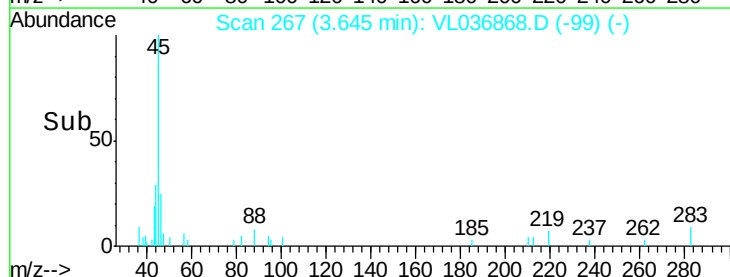
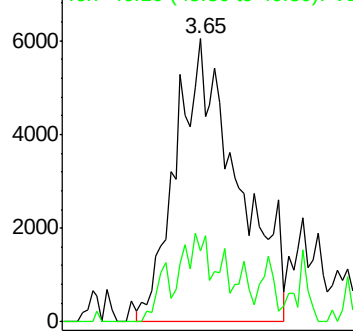
45 100

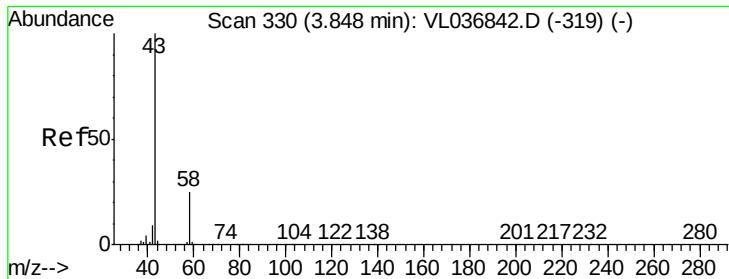
46 0.0 16.8 67.4#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 0.609 ppbv m

RT: 3.88

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Apr 2021 21:49 OFFSITE-DDC-EFFLUENTDL

Tot Ion:

Ion Ratio

43 100

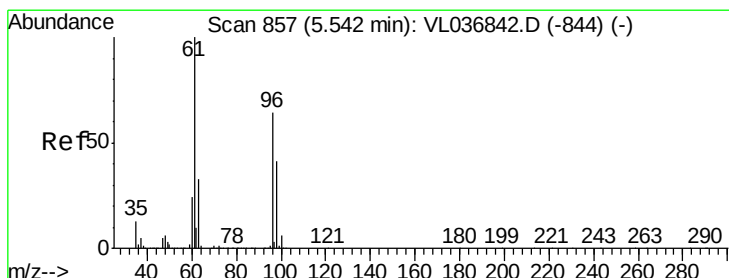
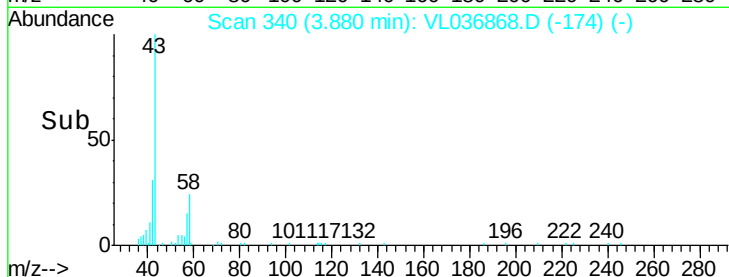
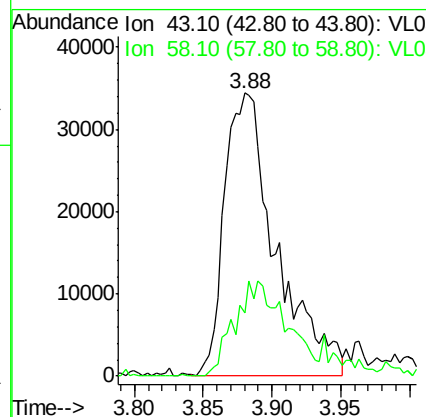
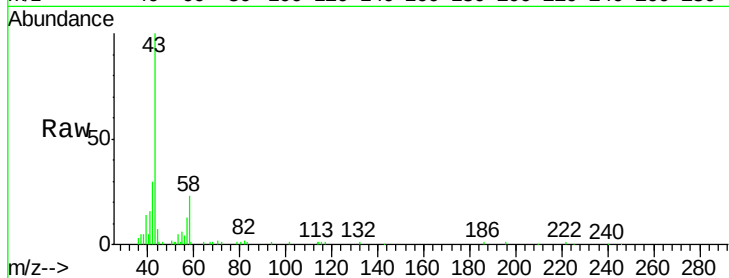
58 40.

Manual Integrations

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Supervised By :Mahesh Dadoda 04/29/2021



#31

cis-1,2-Dichloroethene

Concen: 1.880 ppbv

RT: 5.56 min Scan# 862

Delta R.T. 0.02 min

Lab File: VL036868.D

Acq: 27 Apr 2021 21:49

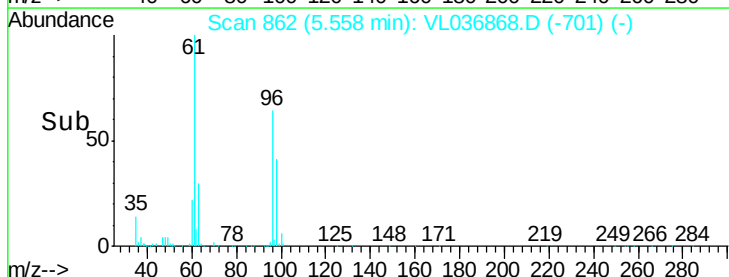
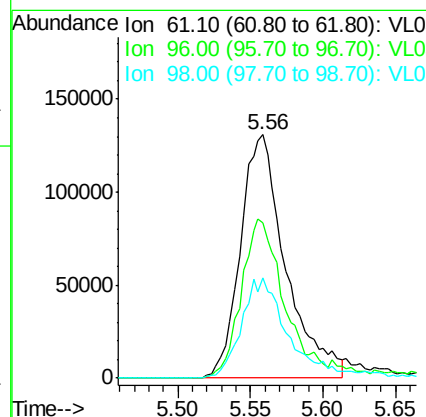
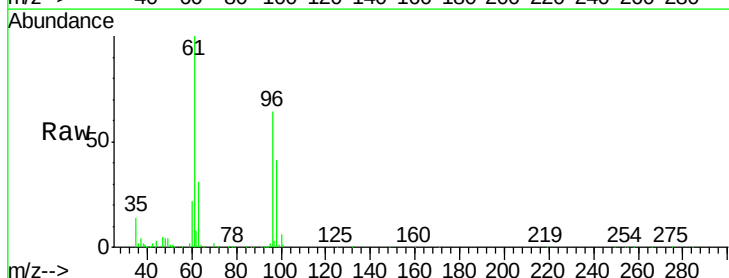
Tgt Ion: 61 Resp: 283427

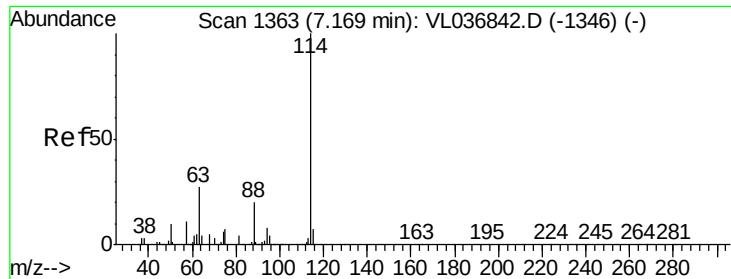
Ion Ratio Lower Upper

61 100

96 63.7 51.0 76.6

98 41.2 32.7 49.1





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 Instrument:

Delta R.T. MSVOA_L

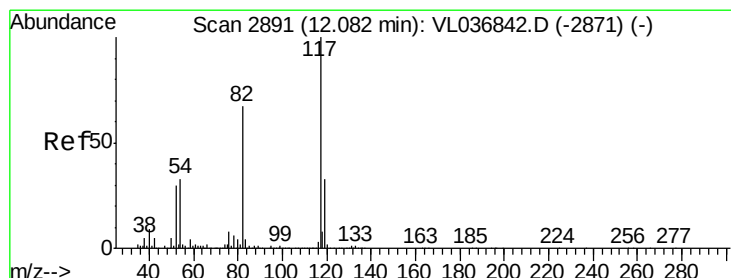
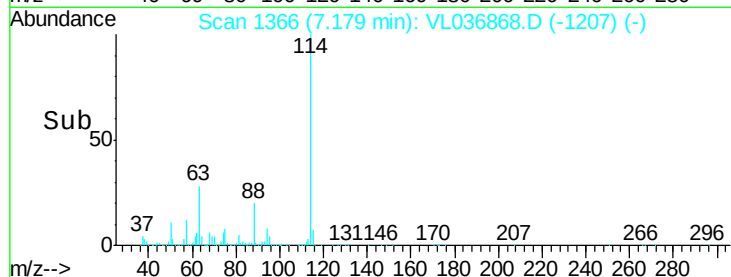
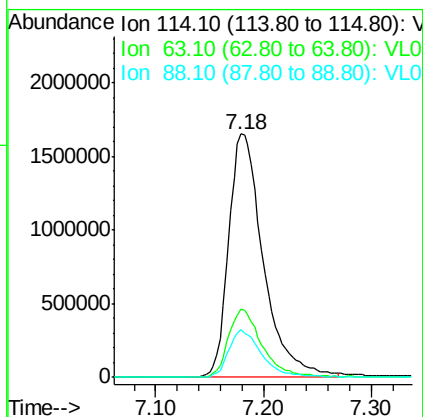
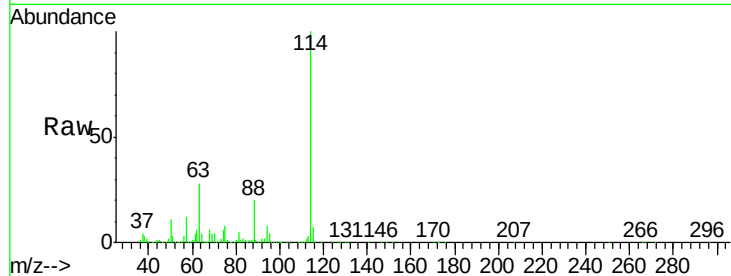
Lab File: ClientSampleId:

Acq: 27 Apr 2021 21:49 OFFSITE-DDC-EFFLUENTDL

Tot Ion:1
Ion Rati
114 100
63 27.
88 18.

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

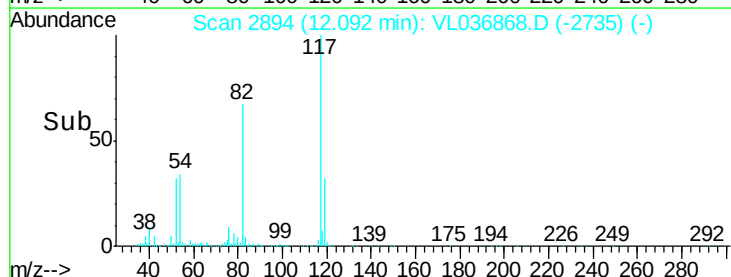
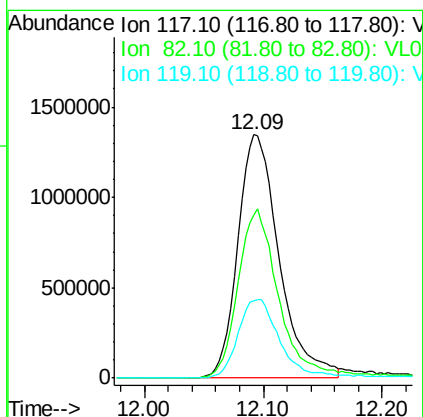
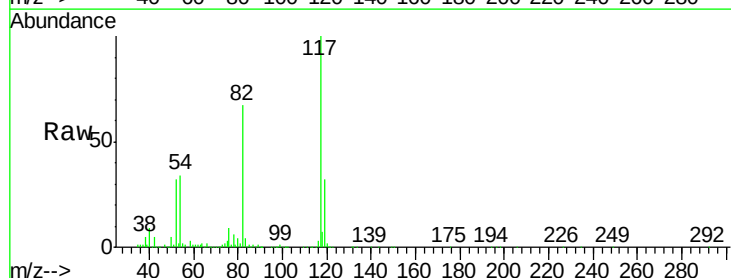
RT: 12.09 min Scan# 2894

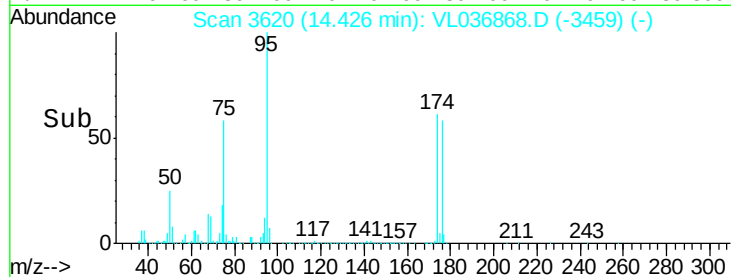
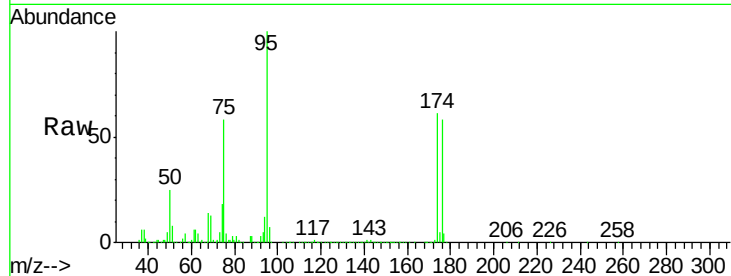
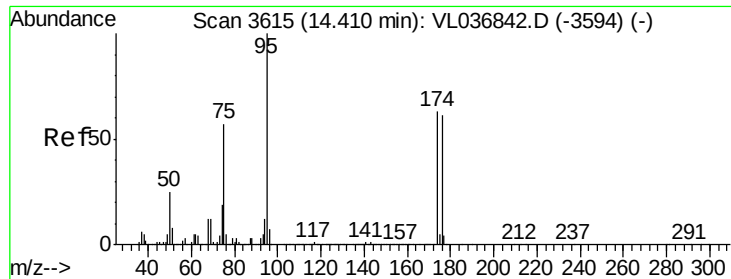
Delta R.T. 0.01 min

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Acq: 27 Apr 2021 21:49

Tgt Ion:117 Resp: 3244151
Ion Ratio Lower Upper
117 100
82 71.8 53.5 80.3
119 34.1 25.6 38.4





#68

1-Bromo-4-Fluorobenzene

Concen: 9.669 ppbv

RT: 14.43

Delta R.T

Lab File:

Acq: 27 Apr 2021 21:49

Instrument : MSVOA_L
ClientSampleId : OFFSITE-DDC-EFFLUENTDL

Tot Ion:

Ion Ratio

95 100

174 68.

175 5.

Manual Integrations

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