

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL110718\
Quantitation Report (Not Reviewed)

Data File : VL032737.D
Acq On : 8 Nov 2018 4:25
Operator : SY/AP
Sample : QC103118 CAN 10322
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC103118 CAN 10322

Quant Time: Nov 08 11:00:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101818AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Oct 25 05:15:43 2018
QLast Update : Thu Oct 25 05:15:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1226611	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.30	114	3262618	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.25	117	3073359	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.59	95	2391483	10.45	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.50%

Target Compounds					Qvalue	
13) Ethanol	3.66	45	634	0.056	ppbv #	1
20) Methylene Chloride	4.42	84	4059	0.071	ppbv #	61
30) Cyclohexane	7.28	84	6976	0.071	ppbv #	1
36) Benzene	7.00	78	43785	0.165	ppbv	94
39) 1,2-Dichloropropane	7.30	63	849899	8.307	ppbv #	26

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

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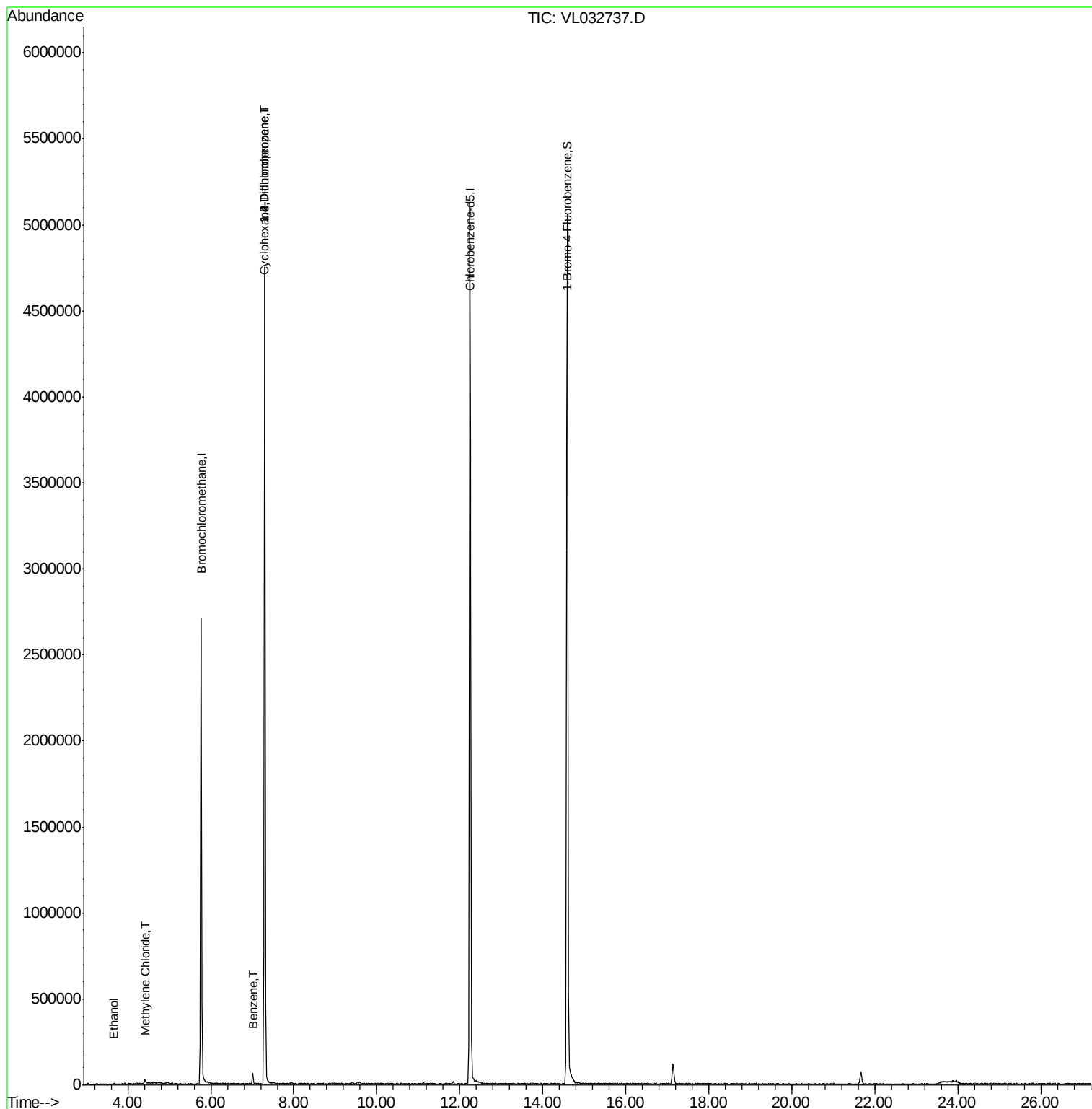
Quant Time: Nov 08 11:00:51 2018

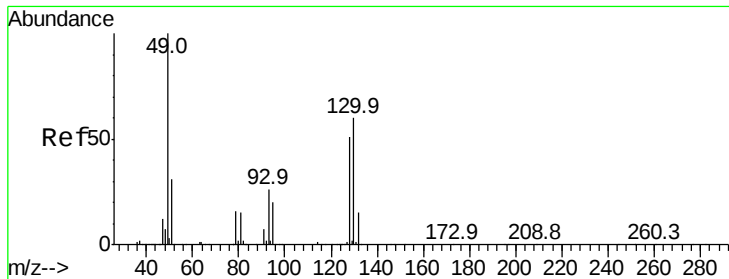
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101818AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct 25 05:15:43 2018

QLast Update : Thu Oct 25 05:15:43 2018

Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 880

Delta R.T. -0.01 min

Lab File: VL032737.D

Acq: 8 Nov 2018 4:25

Instrument :

MSVOA_L

ClientSampleId :

QC103118 CAN 10322

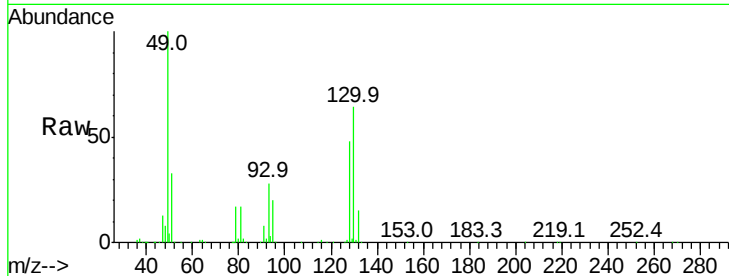
Tgt Ion: 49 Resp: 1226611

Ion Ratio Lower Upper

49 100

128 49.9 22.3 66.8

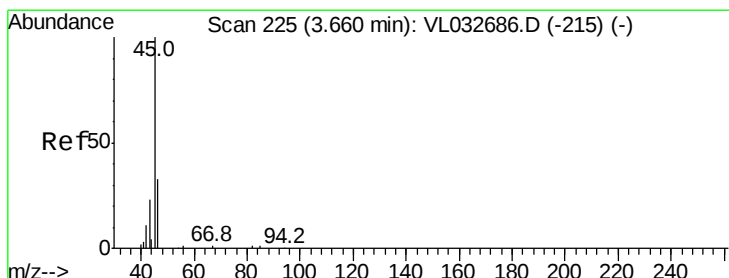
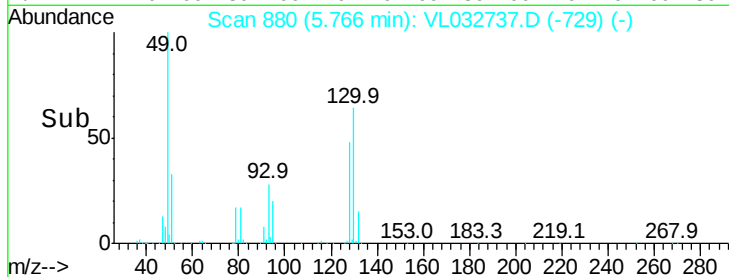
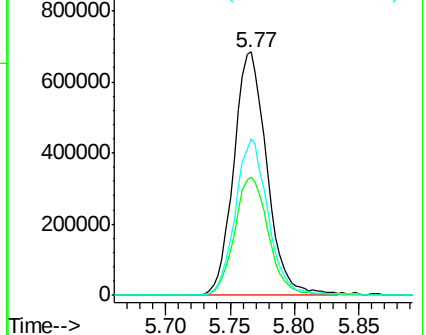
130 64.2 28.4 85.3



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



#13

Ethanol

Concen: 0.056 ppbv

RT: 3.66 min Scan# 225

Delta R.T. -0.00 min

Lab File: VL032737.D

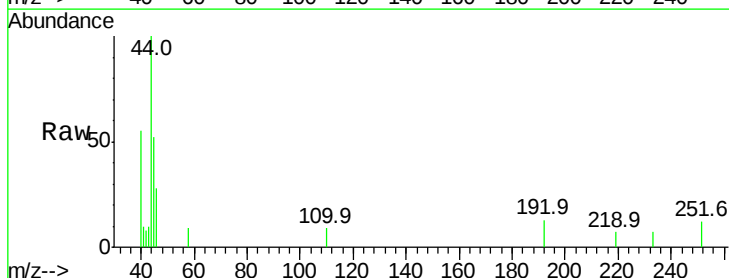
Acq: 8 Nov 2018 4:25

Tgt Ion: 45 Resp: 634

Ion Ratio Lower Upper

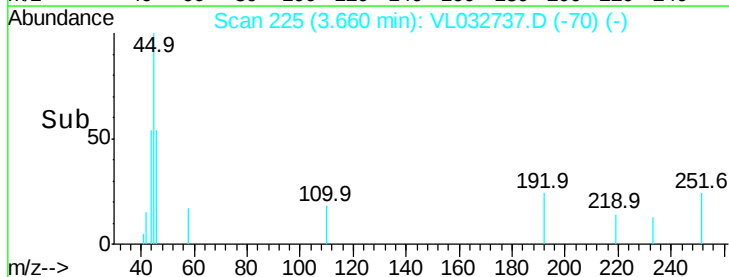
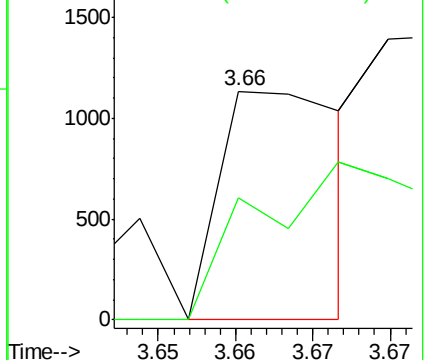
45 100

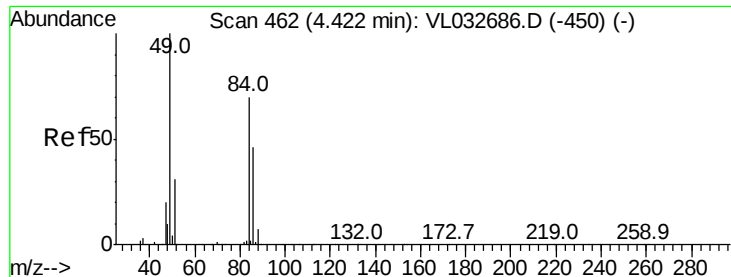
46 214.4 15.4 61.8#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#20

Methylene Chloride

Concen: 0.071 ppbv

RT: 4.42 min Scan# 460

Delta R.T. -0.00 min

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Instrument :

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ClientSampleId :

QC103118 CAN 10322

Tgt Ion: 84 Resp: 4059

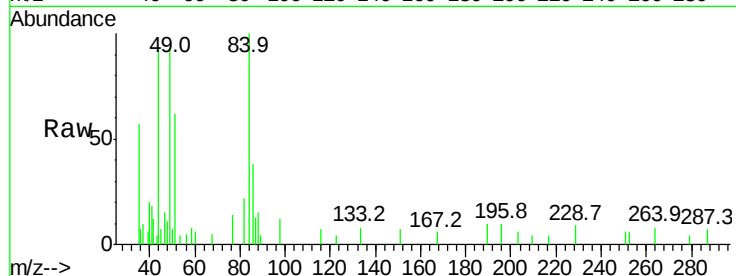
Ion Ratio Lower Upper

84 100

49 83.5 113.5 170.3#

51 55.5 34.8 52.2#

86 33.7 47.9 71.9#

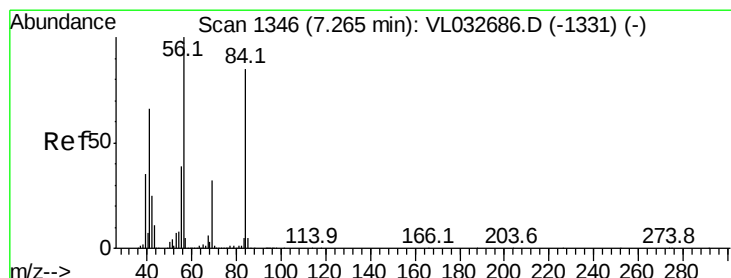
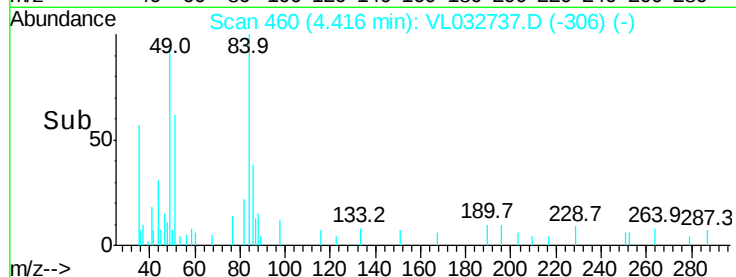
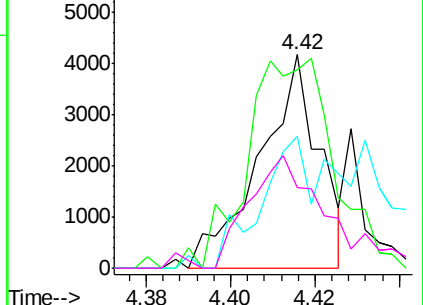


Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0



#30

Cyclohexane

Concen: 0.071 ppbv

RT: 7.28 min Scan# 1351

Delta R.T. 0.02 min

Lab File: VL032737.D

Acq: 8 Nov 2018 4:25

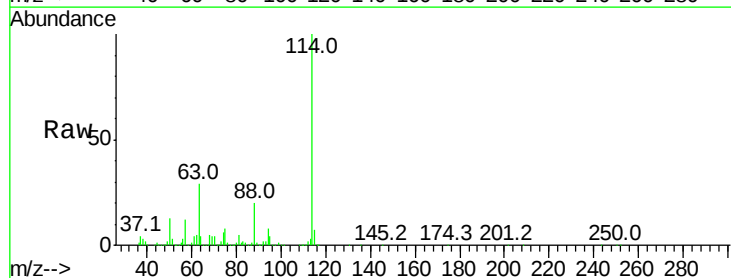
Tgt Ion: 84 Resp: 6976

Ion Ratio Lower Upper

84 100

56 0.0 108.3 162.5#

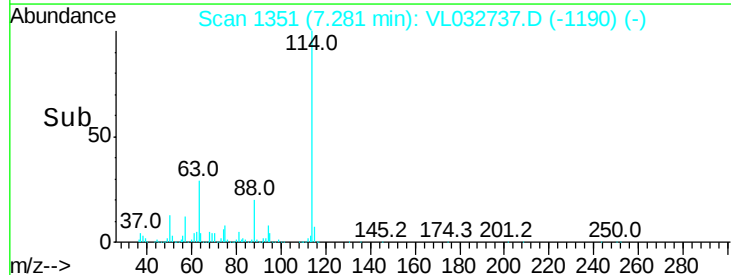
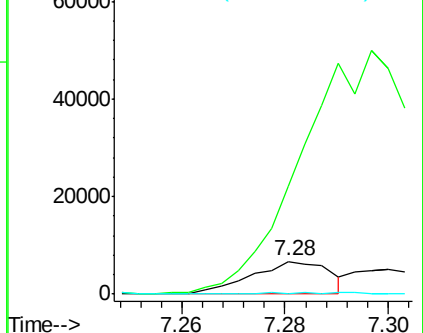
41 3.8 64.8 97.2#

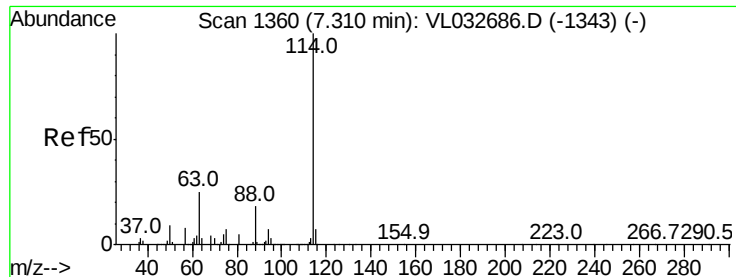


Abundance Ion 84.20 (83.90 to 84.90): VL0

Ion 56.10 (55.80 to 56.80): VL0

Ion 41.10 (40.80 to 41.80): VL0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.30 min Scan# 1356

Delta R.T. -0.01 min

Lab File: VL032737.D

Acq: 8 Nov 2018 4:25

Instrument :

MSVOA_L

ClientSampleId :

QC103118 CAN 10322

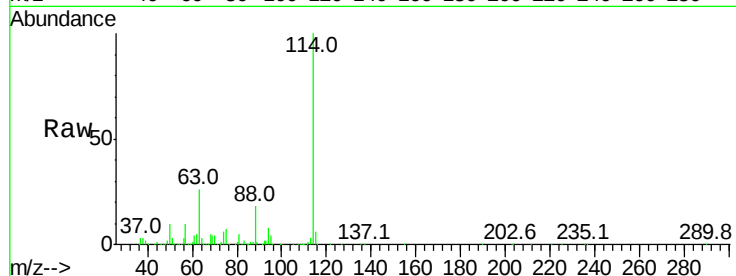
Tgt Ion:114 Resp: 3262618

Ion Ratio Lower Upper

114 100

63 26.3 21.7 32.5

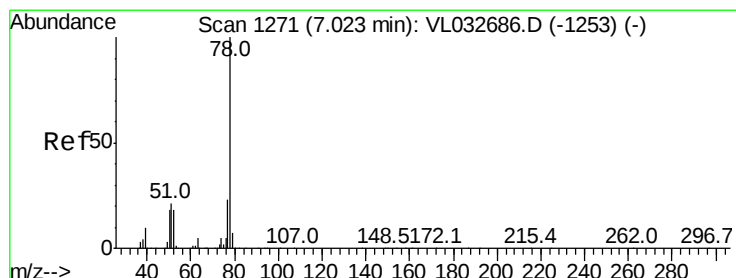
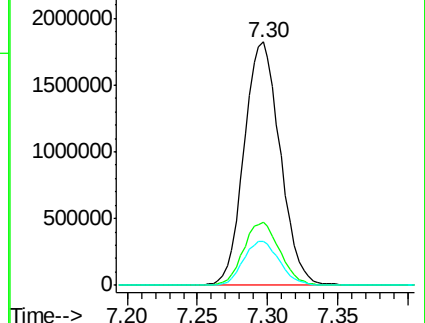
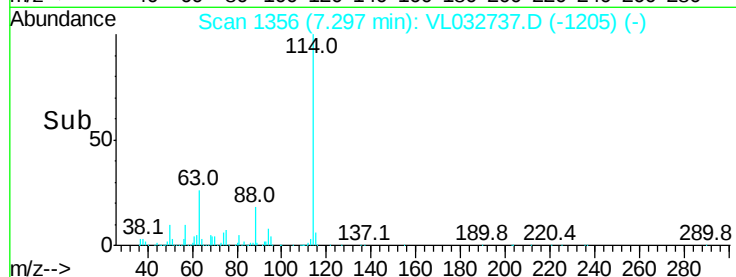
88 18.1 14.9 22.3



Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#36

Benzene

Concen: 0.165 ppbv

RT: 7.00 min Scan# 1265

Delta R.T. -0.02 min

Lab File: VL032737.D

Acq: 8 Nov 2018 4:25

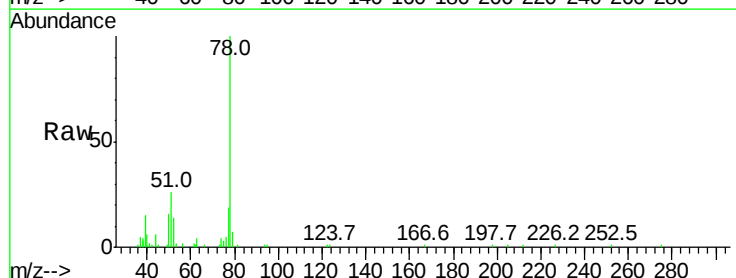
Tgt Ion: 78 Resp: 43785

Ion Ratio Lower Upper

78 100

77 19.5 18.1 27.1

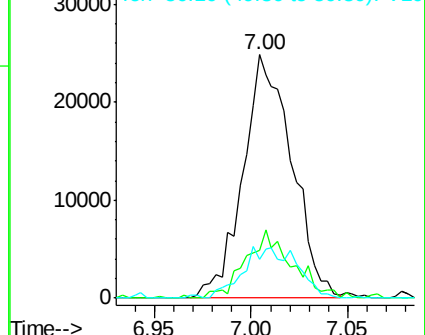
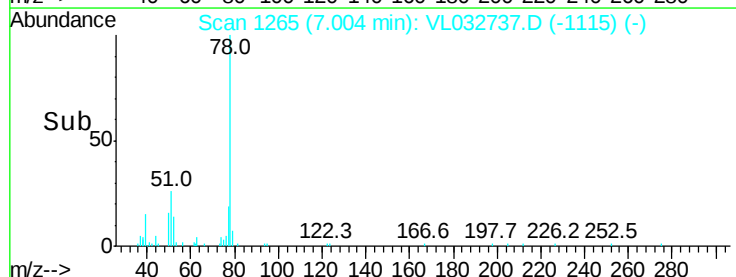
50 16.2 15.1 22.7

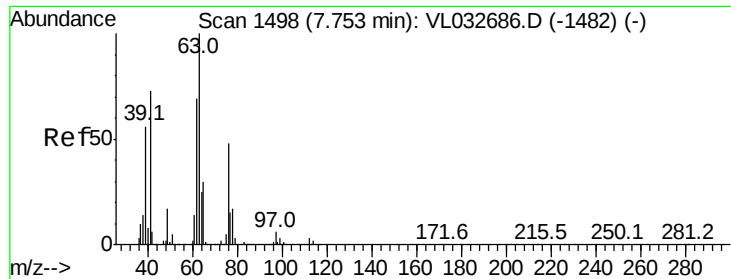


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0





#39

1,2-Dichloropropane

Concen: 8.307 ppbv

RT: 7.30 min Scan# 1356

Delta R.T. -0.46 min

Lab File: VL032737.D

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QC103118 CAN 10322

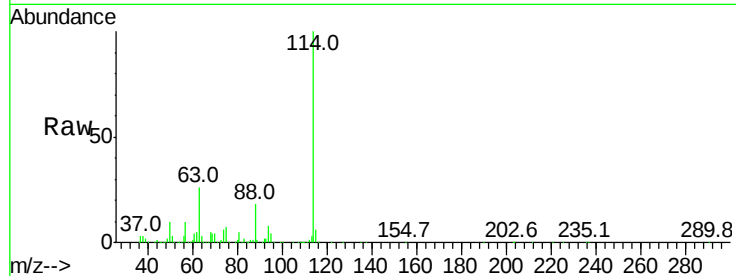
Tgt Ion: 63 Resp: 849899

Ion Ratio Lower Upper

63 100

41 0.0 56.2 84.4#

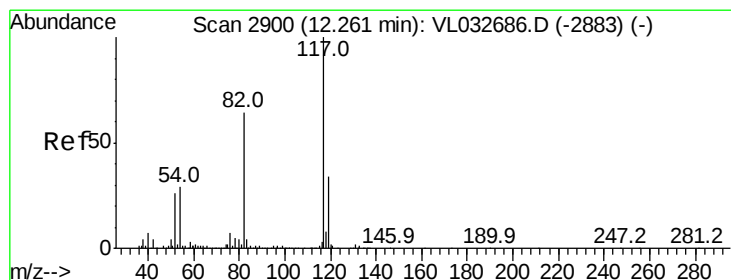
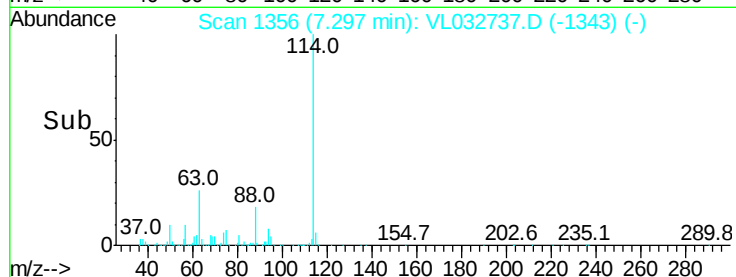
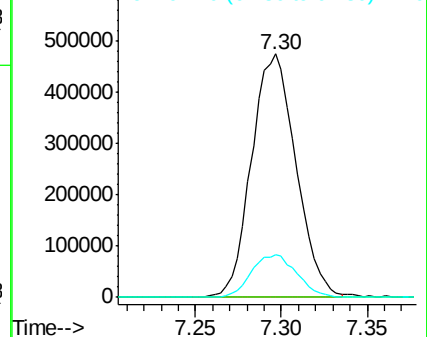
62 17.6 54.4 81.6#



Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.25 min Scan# 2895

Delta R.T. -0.01 min

Lab File: VL032737.D

Acq: 8 Nov 2018 4:25

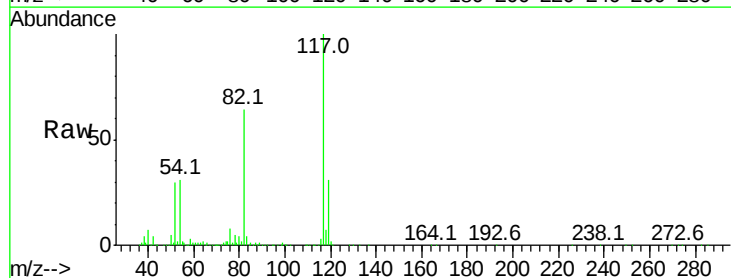
Tgt Ion: 117 Resp: 3073359

Ion Ratio Lower Upper

117 100

82 65.7 52.7 79.1

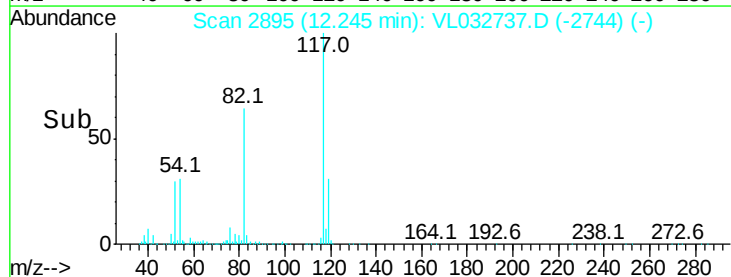
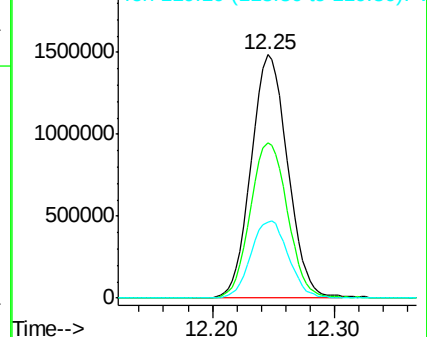
119 32.7 26.7 40.1

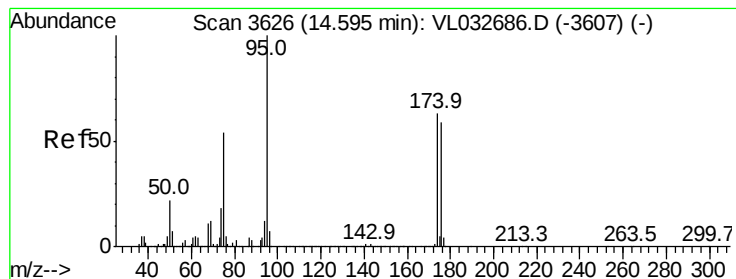


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.451 ppbv

RT: 14.59 min Scan# 3623

Delta R.T. -0.01 min

Lab File: VL032737.D

Acq: 8 Nov 2018 4:25

Instrument :

MSVOA_L

ClientSampleId :

QC103118 CAN 10322

Tgt Ion: 95 Resp: 2391483

Ion Ratio Lower Upper

95 100

174 63.9 46.0 69.0

175 4.6 3.4 5.0

