

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100219\
Quantitation Report (Not Reviewed)

Data File : VL034211.D
Acq On : 2 Oct 2019 15:13
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Oct 03 05:40:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091719AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Wed Sep 18 12:53:31 2019
QLast Update : Wed Sep 18 12:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	973344	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.22	114	1776795	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.16	117	1799333	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.49	95	1556886	9.96	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.60%

Target Compounds					Qvalue	
13) Ethanol	3.61	45	1601	0.117	ppbv #	36
15) Acetone	3.86	43	41389	0.317	ppbv #	83
20) Methylene Chloride	4.35	84	14084	0.374	ppbv #	86
26) Hexane	5.71	57	3938	0.038	ppbv #	1
39) 1,2-Dichloropropane	7.22	63	547141	6.205	ppbv #	19

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

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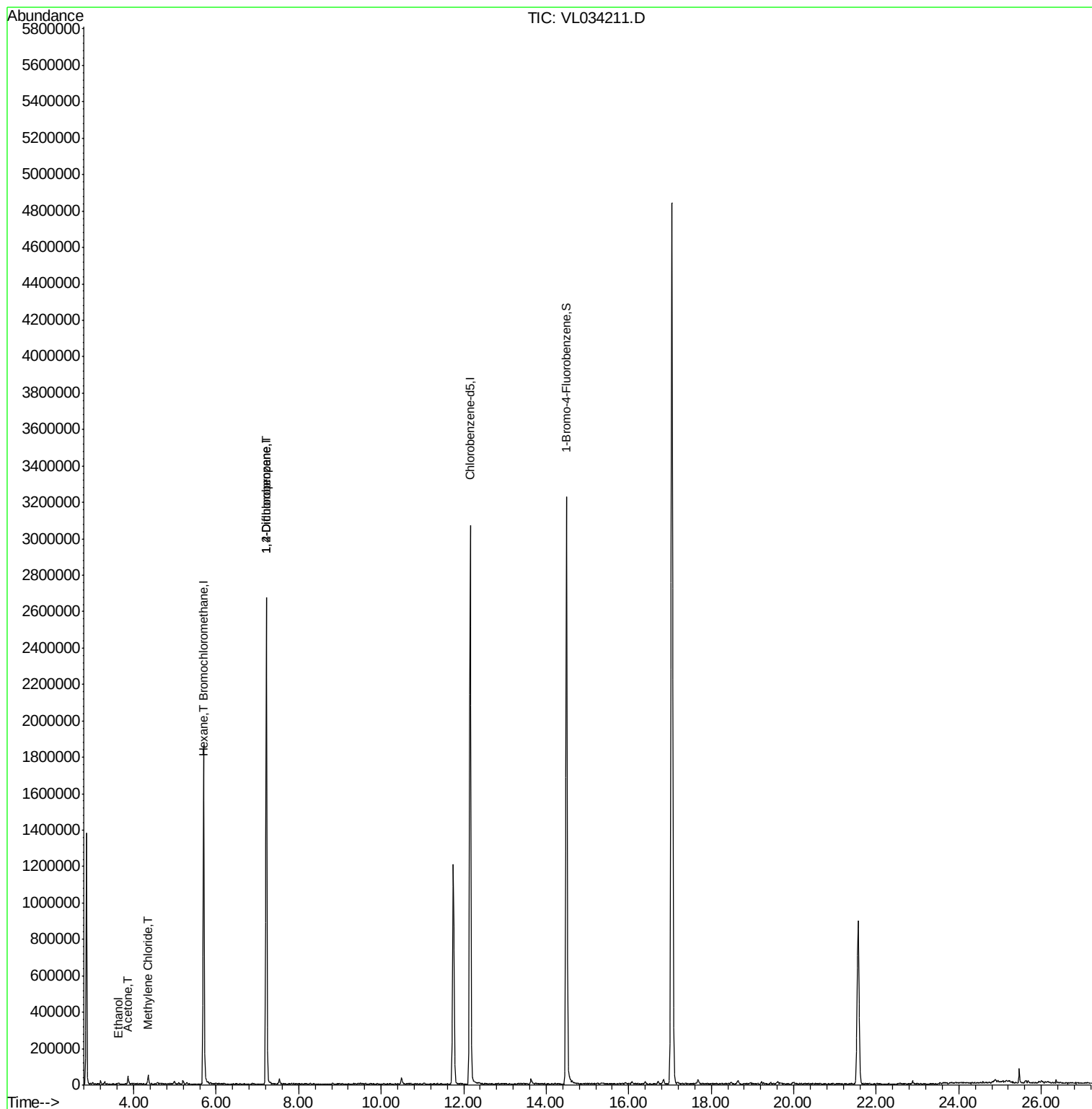
Quant Time: Oct 03 05:40:23 2019

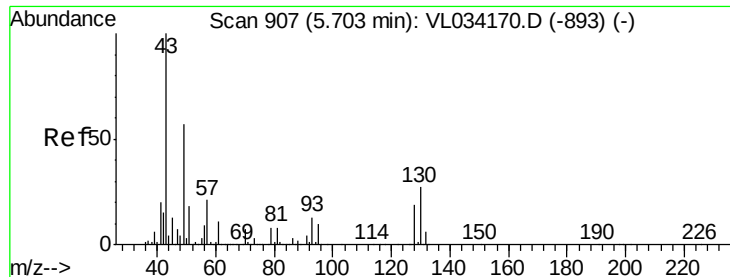
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091719AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Sep 18 12:53:31 2019

QLast Update : Wed Sep 18 12:53:31 2019

Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 min Scan# 904

Delta R.T. -0.01 min

Lab File: VL034211.D

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Instrument :

MSVOA_L

ClientSampleId :

VIBLK

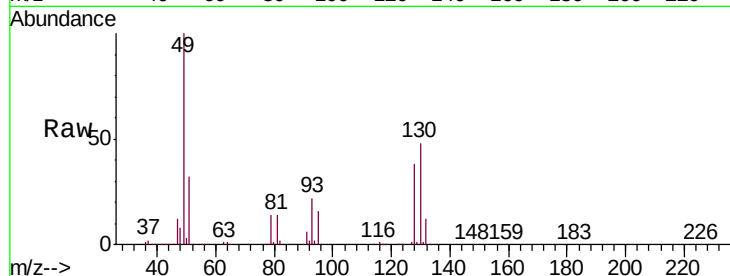
Tgt Ion: 49 Resp: 973344

Ion Ratio Lower Upper

49 100

128 37.3 17.6 52.9

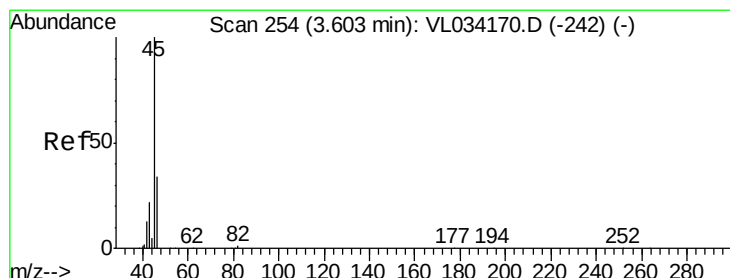
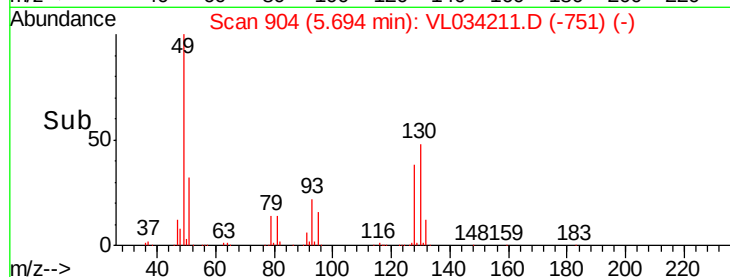
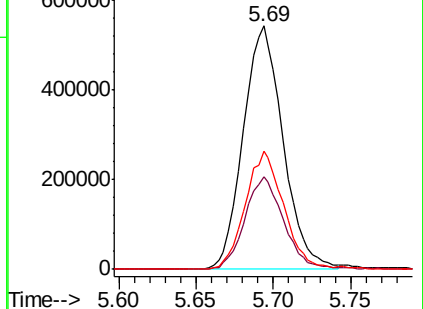
130 46.9 22.3 66.9



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: 0.117 ppbv

RT: 3.61 min Scan# 256

Delta R.T. 0.01 min

Lab File: VL034211.D

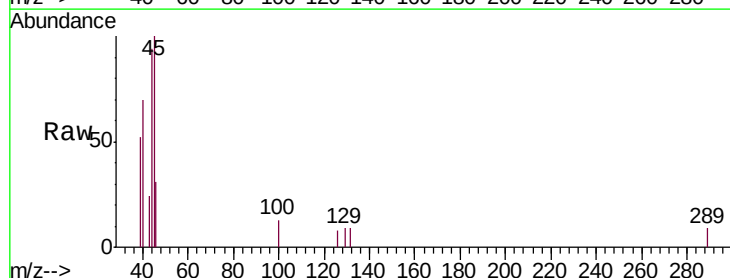
Acq: 2 Oct 2019 15:13

Tgt Ion: 45 Resp: 1601

Ion Ratio Lower Upper

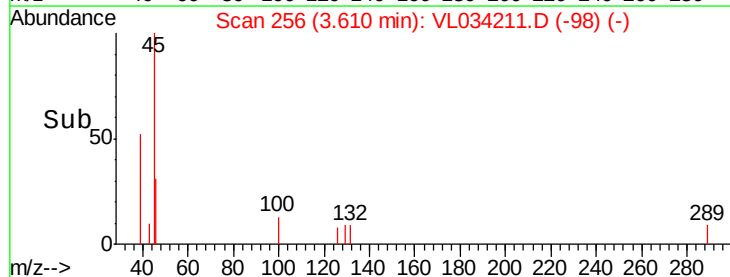
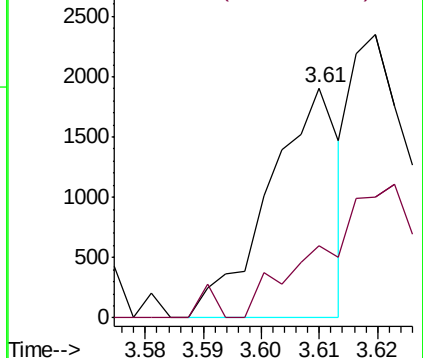
45 100

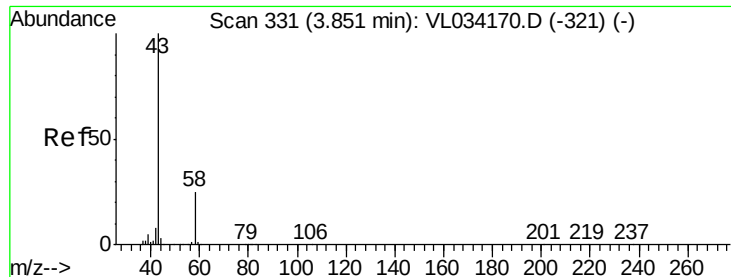
46 0.0 15.5 61.9#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 0.317 ppbv

RT: 3.86 min Scan# 335

Delta R.T. 0.01 min

Lab File: VL034211.D

Acq: 2 Oct 2019 15:13

Instrument :

MSVOA_L

ClientSampleId :

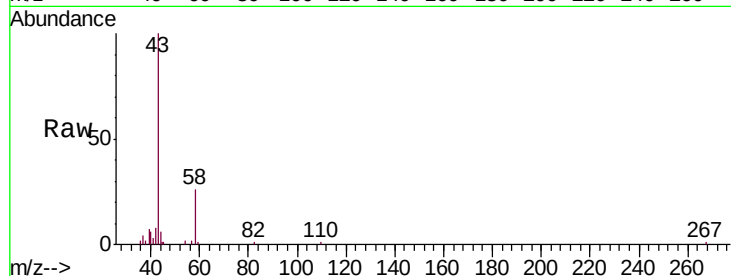
VIBLK

Tgt Ion: 43 Resp: 41389

Ion Ratio Lower Upper

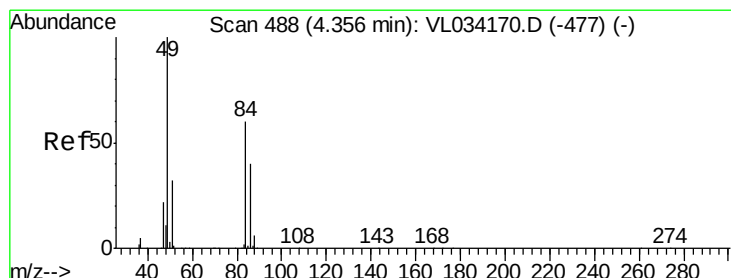
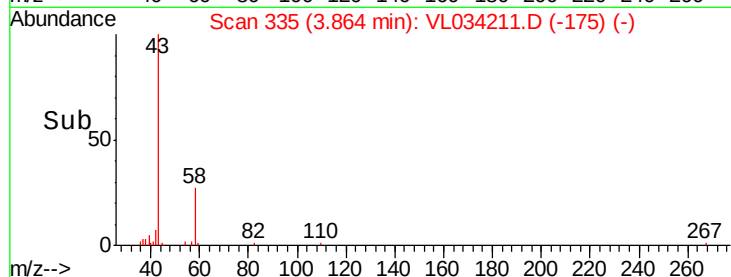
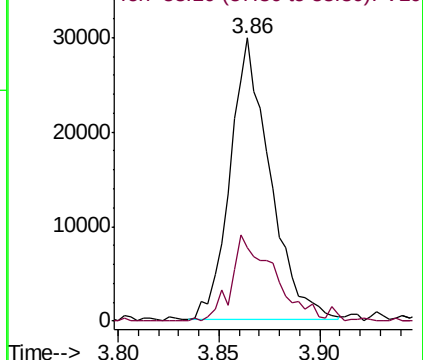
43 100

58 34.3 20.5 30.7#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 0.374 ppbv

RT: 4.35 min Scan# 487

Delta R.T. -0.00 min

Lab File: VL034211.D

Acq: 2 Oct 2019 15:13

Tgt Ion: 84 Resp: 14084

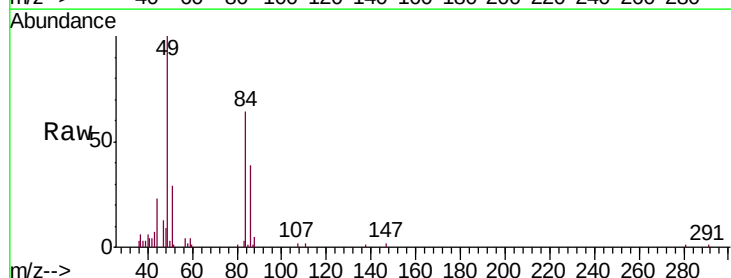
Ion Ratio Lower Upper

84 100

49 150.1 133.8 200.8

51 40.3 43.6 65.4#

86 57.7 53.1 79.7

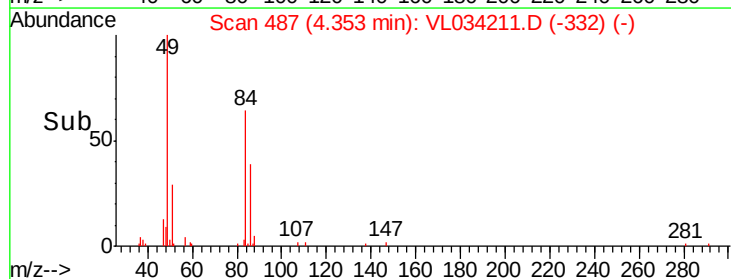
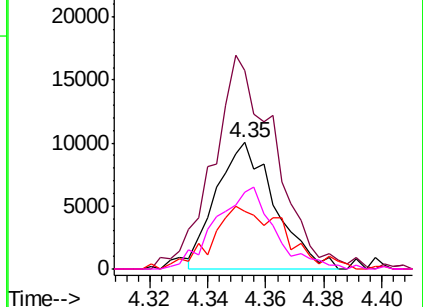


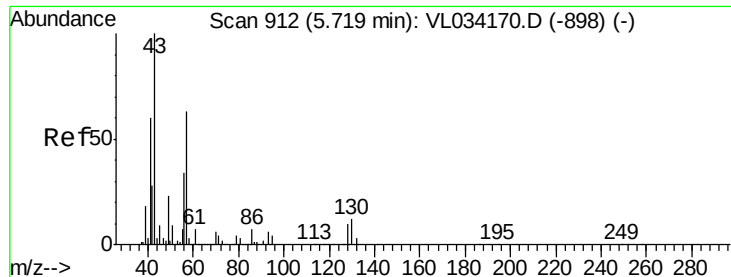
Abundance Ion 84.00 (83.70 to 84.70): VL0

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

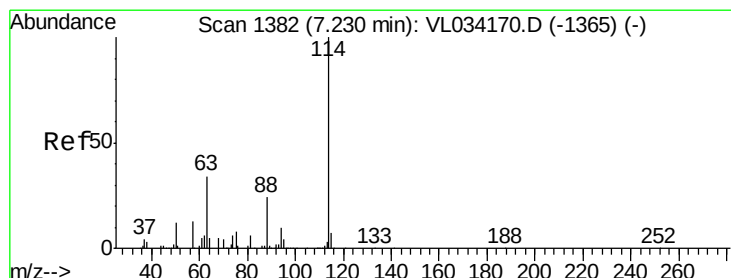
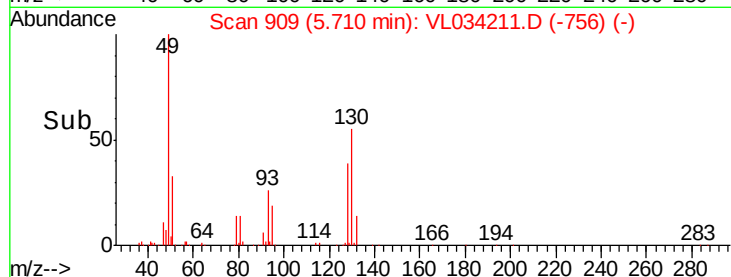
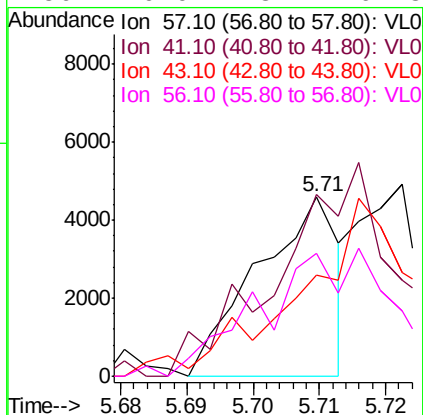
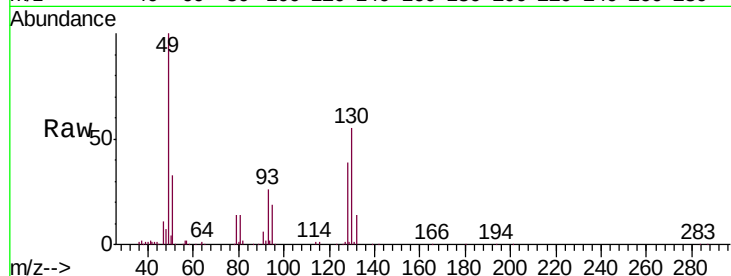




#26
Hexane
Concen: 0.038 ppbv
RT: 5.71 min Scan# 909
Delta R.T. -0.01 min
Lab File: VL034211.D
Acq: 2 Oct 2019 15:13

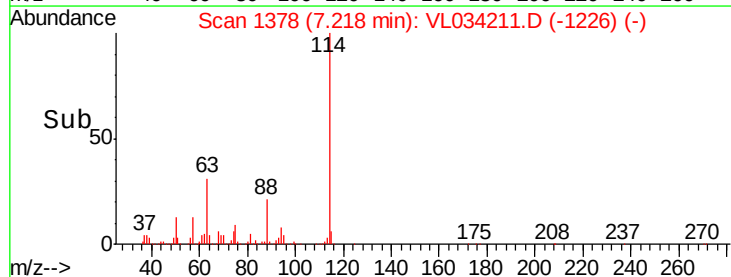
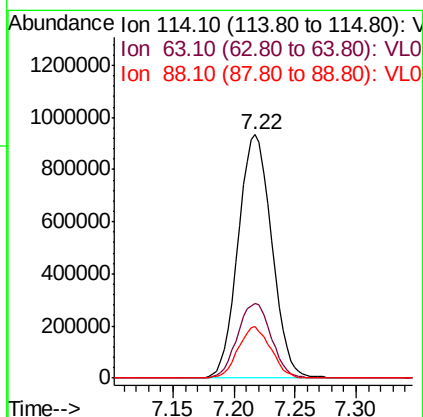
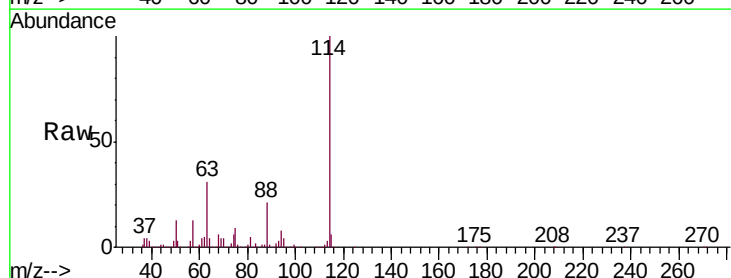
Instrument :
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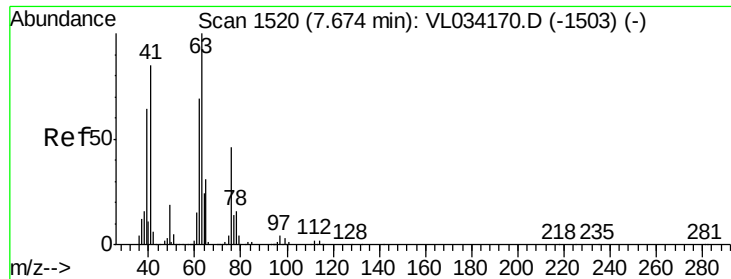
Tgt Ion: 57 Resp: 3938
Ion Ratio Lower Upper
57 100
41 0.0 78.5 117.7#
43 0.0 189.5 284.3#
56 0.0 43.2 64.8#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.22 min Scan# 1378
Delta R.T. -0.01 min
Lab File: VL034211.D
Acq: 2 Oct 2019 15:13

Tgt Ion: 114 Resp: 1776795
Ion Ratio Lower Upper
114 100
63 31.1 27.8 41.6
88 20.5 17.1 25.7

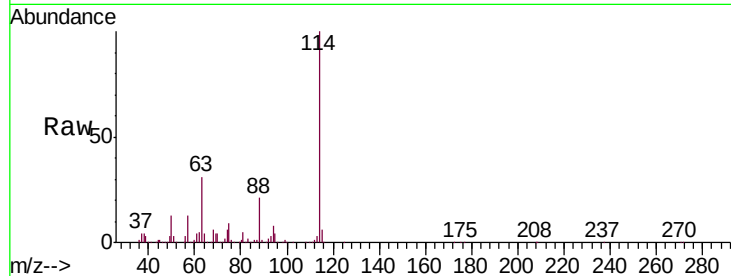




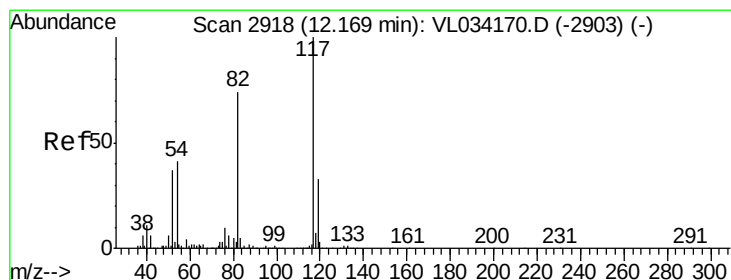
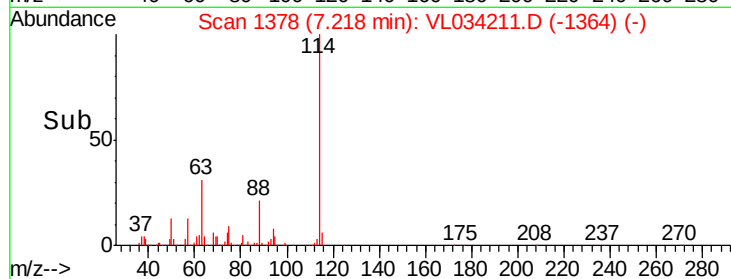
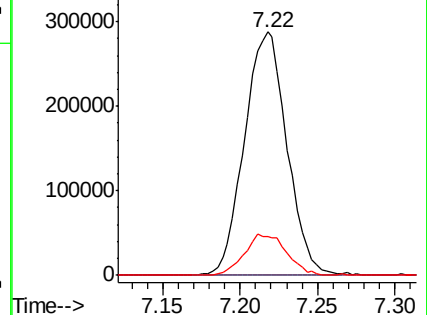
#39
 1,2-Dichloropropane
 Concen: 6.205 ppbv
 RT: 7.22 min Scan# 1378
 Delta R.T. -0.46 min
 Lab File: VL034211.D
 Acq: 2 Oct 2019 15:13

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tgt Ion	Ratio	Lower	Upper
63	100		
41	0.1	68.4	102.6#
62	16.2	55.4	83.2#

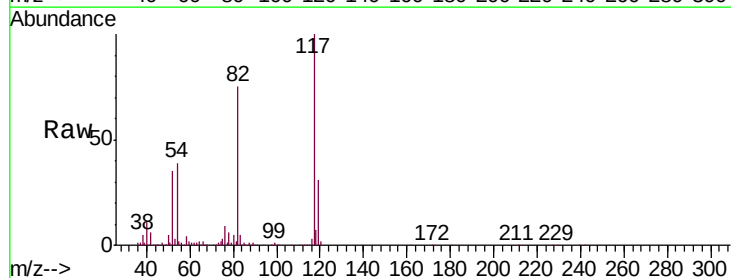


Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0

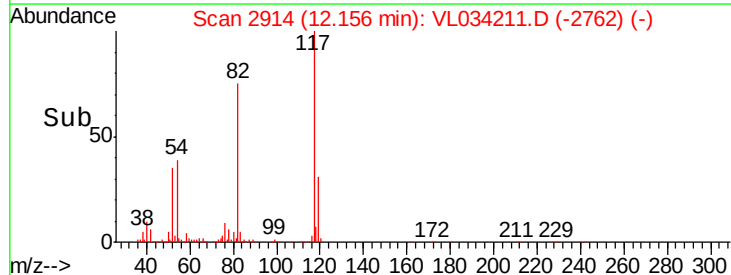
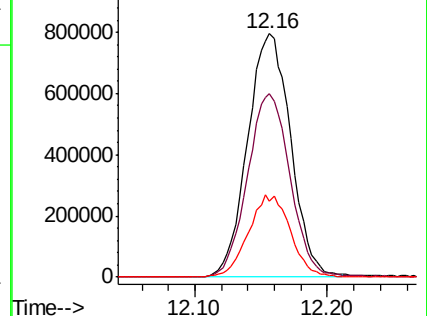


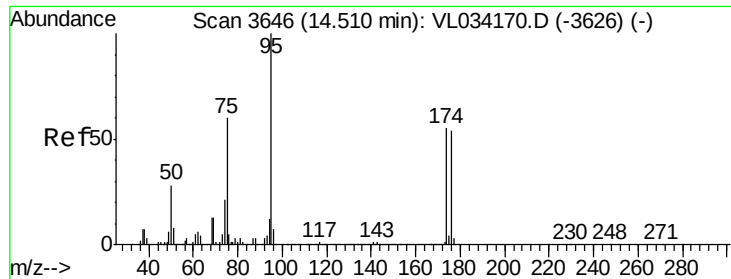
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.16 min Scan# 2914
 Delta R.T. -0.01 min
 Lab File: VL034211.D
 Acq: 2 Oct 2019 15:13

Tgt Ion	Ratio	Lower	Upper
117	100		
82	74.9	58.2	87.4
119	32.8	23.7	35.5



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: 9.958 ppbv

RT: 14.49 min Scan# 3640

Delta R.T. -0.02 min

Lab File: VL034211.D

Acq: 2 Oct 2019 15:13

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tgt Ion: 95 Resp: 1556886

Ion Ratio Lower Upper

95 100

174 60.6 45.1 67.7

175 4.3 3.3 4.9

