

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031020\
Quantitation Report (Not Reviewed)

Data File : VL034876.D
Acq On : 10 Mar 2020 21:35
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Mar 11 05:55:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030920AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Mon Mar 09 16:42:53 2020
QLast Update : Mon Mar 09 16:42:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	879223	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	1968036	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	1919885	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1573981	10.51	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.10%

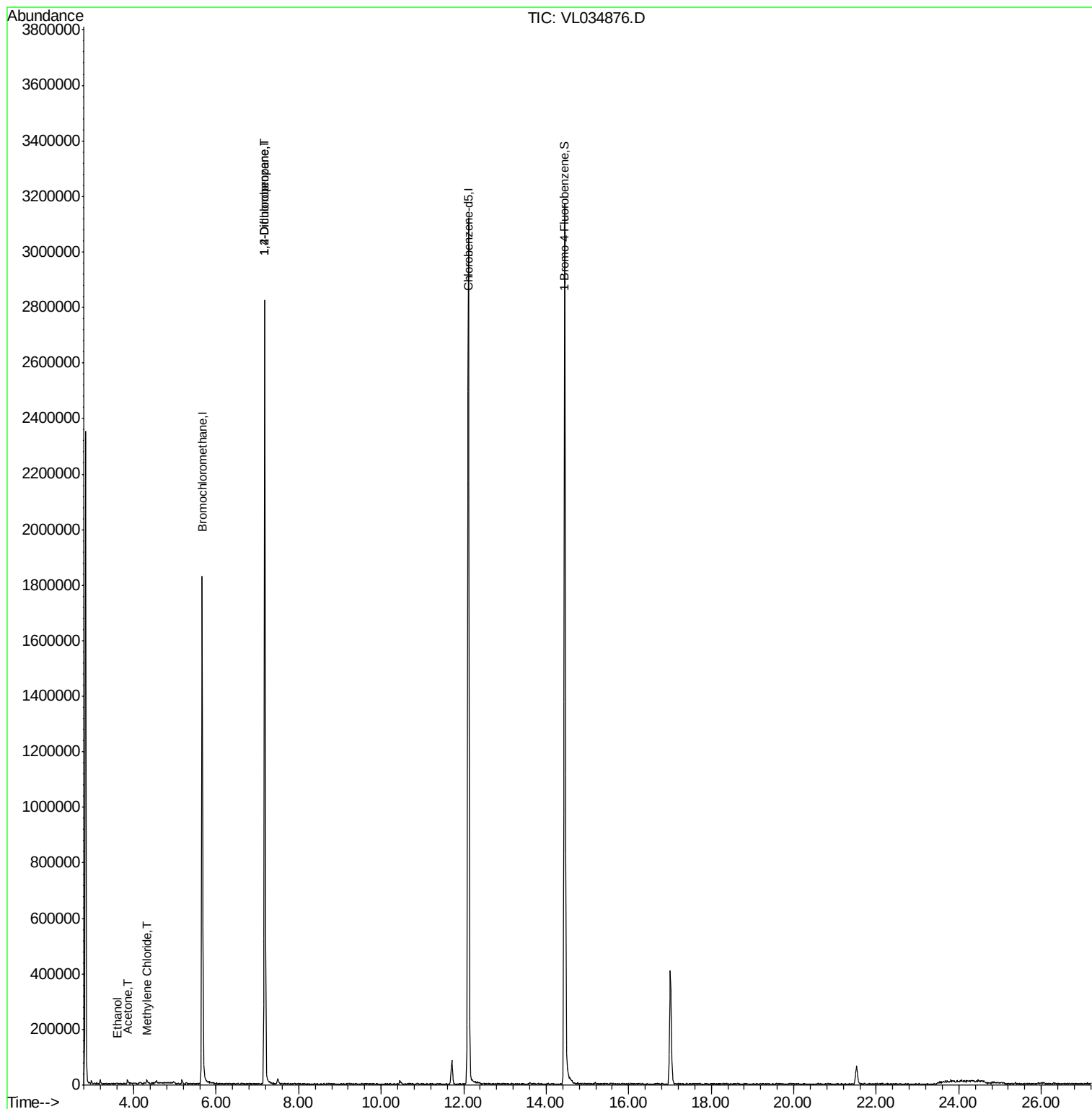
Target Compounds					Qvalue	
13) Ethanol	3.60	45	539	0.038	ppbv #	1
15) Acetone	3.85	43	11514	0.101	ppbv #	60
20) Methylene Chloride	4.32	84	2005	0.056	ppbv #	77
39) 1,2-Dichloropropane	7.18	63	530115	7.627	ppbv #	23

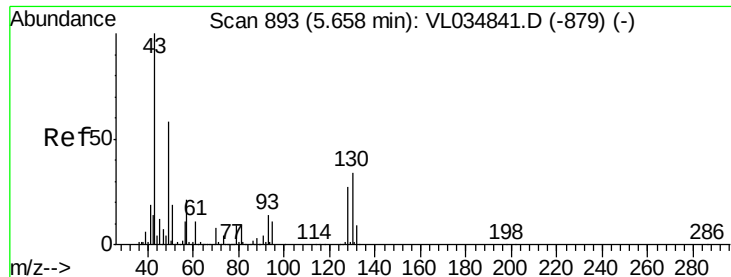
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 09 16:42:53 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. 0.00 min

Lab File: VL034876.D

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Instrument :

MSVOA_L

ClientSampleId :

VIBLK

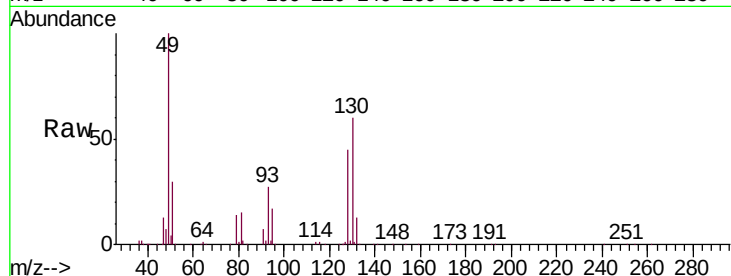
Tgt Ion: 49 Resp: 879223

Ion Ratio Lower Upper

49 100

128 46.9 23.4 70.3

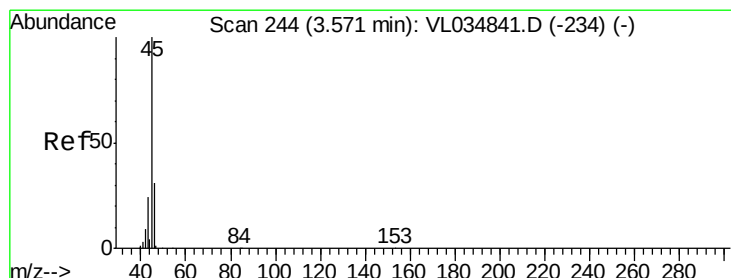
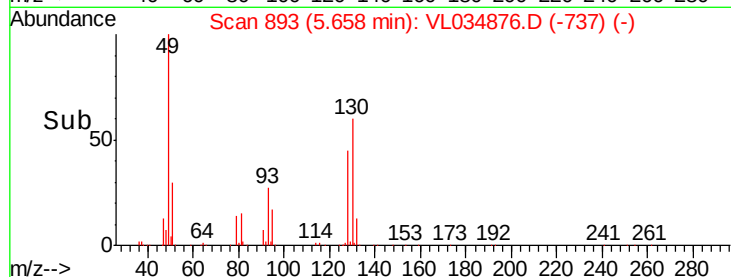
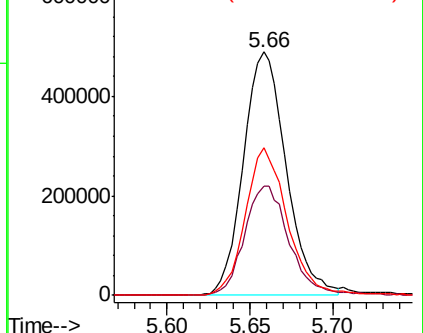
130 60.3 30.0 90.0



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: 0.038 ppbv

RT: 3.60 min Scan# 252

Delta R.T. 0.03 min

Lab File: VL034876.D

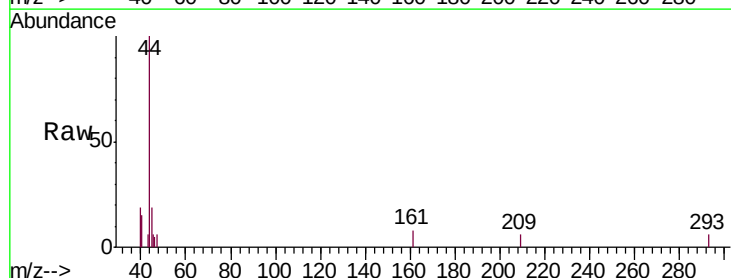
Acq: 10 Mar 2020 21:35

Tgt Ion: 45 Resp: 539

Ion Ratio Lower Upper

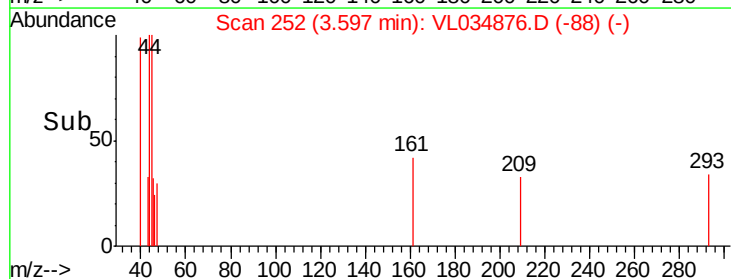
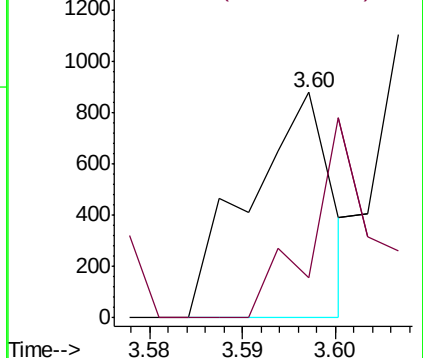
45 100

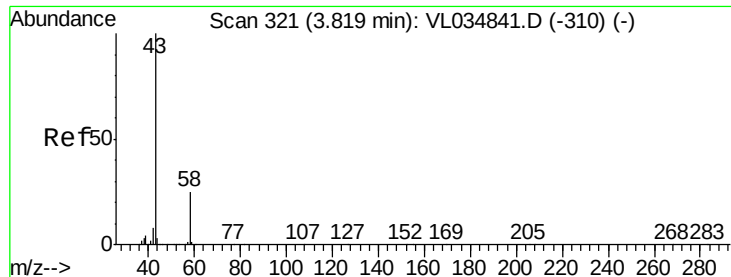
46 141.2 16.0 64.0#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 0.101 ppbv

RT: 3.85 min Scan# 331

Delta R.T. 0.03 min

Lab File: VL034876.D

Acq: 10 Mar 2020 21:35

Instrument :

MSVOA_L

ClientSampled :

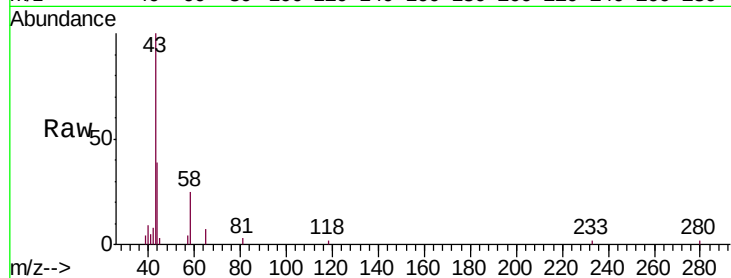
VIBLK

Tgt Ion: 43 Resp: 11514

Ion Ratio Lower Upper

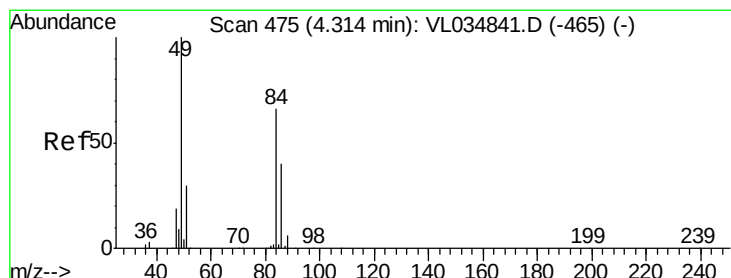
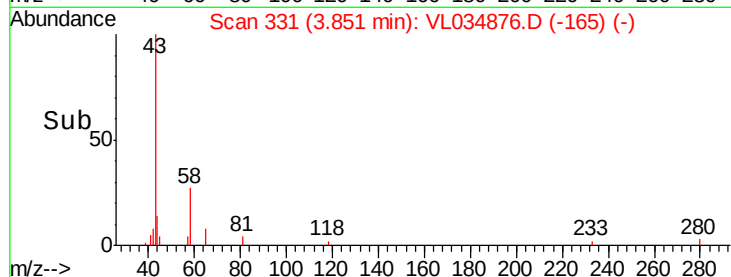
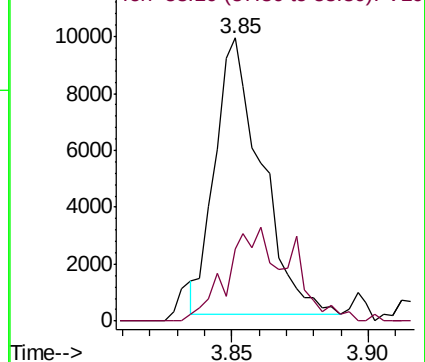
43 100

58 46.5 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: 0.056 ppbv

RT: 4.32 min Scan# 476

Delta R.T. 0.00 min

Lab File: VL034876.D

Acq: 10 Mar 2020 21:35

Tgt Ion: 84 Resp: 2005

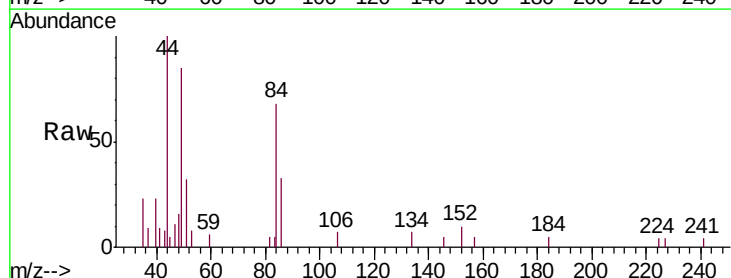
Ion Ratio Lower Upper

84 100

49 111.9 121.5 182.3#

51 40.9 36.6 55.0

86 48.4 48.2 72.2

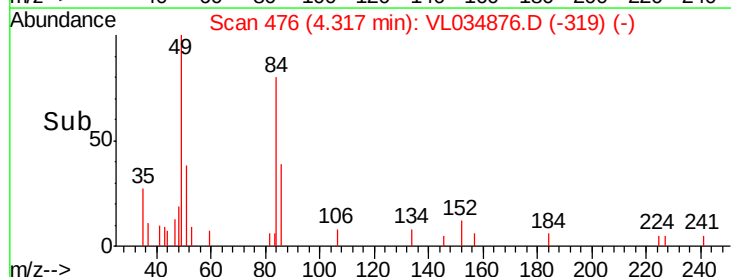
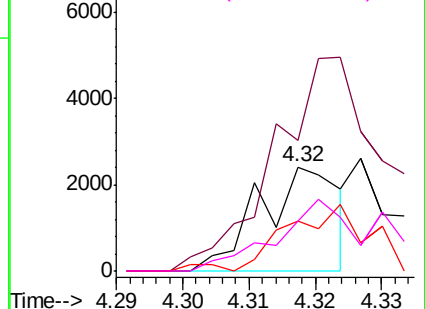


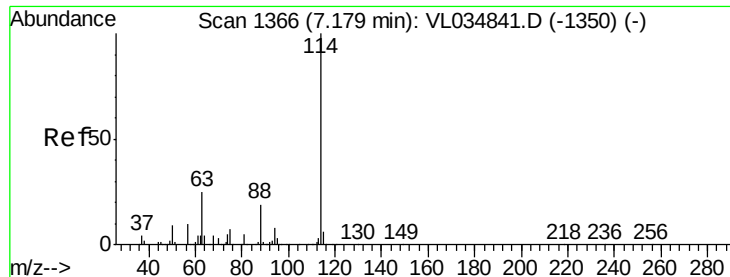
Abundance Ion 84.00 (83.70 to 84.70): VL0

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

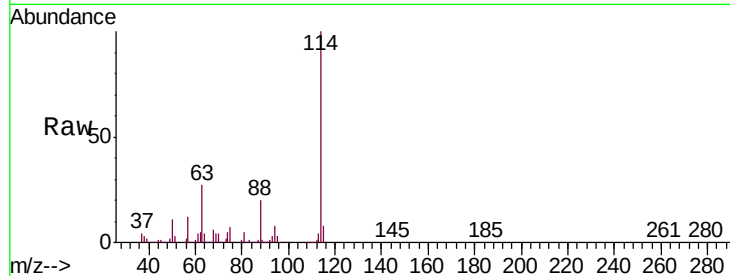




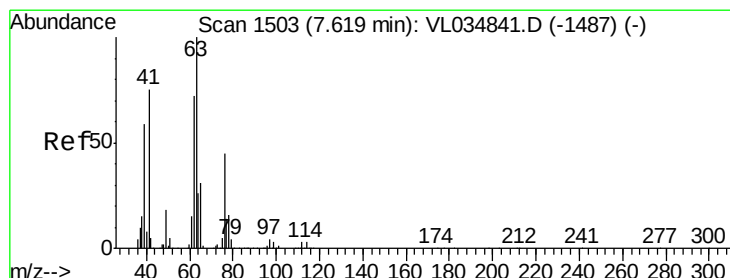
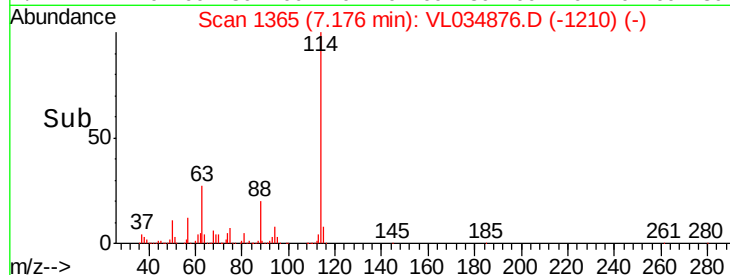
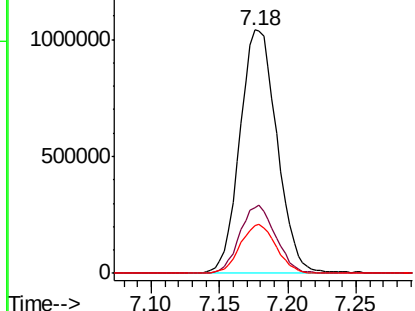
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VL034876.D
 Acq: 10 Mar 2020 21:35

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tgt Ion: 114 Resp: 1968036
 Ion Ratio Lower Upper
 114 100
 63 27.2 20.6 31.0
 88 19.5 15.0 22.6

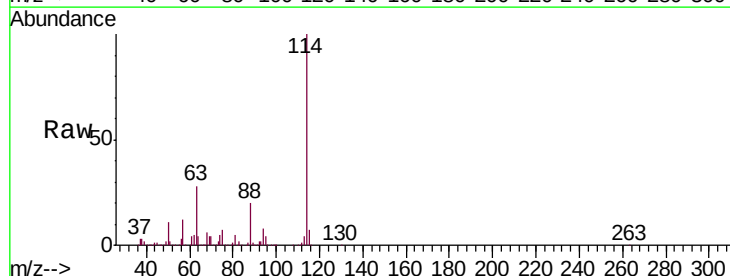


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

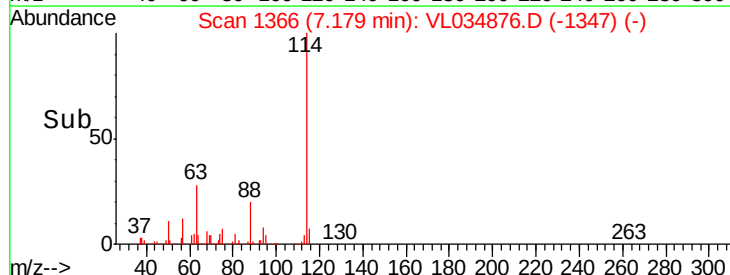
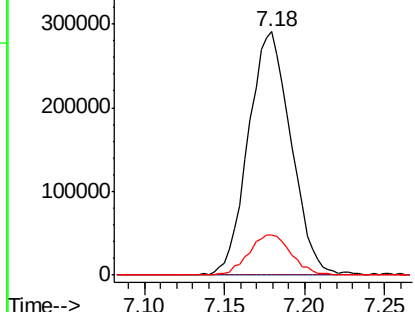


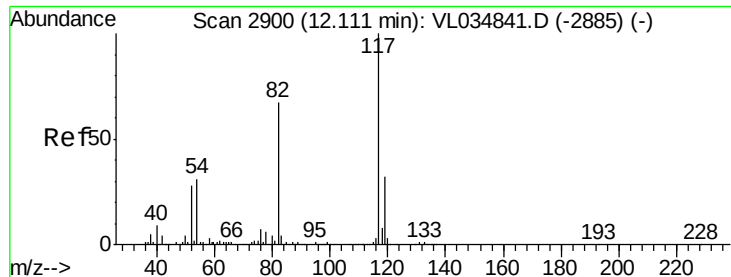
#39
 1,2-Dichloropropane
 Concen: 7.627 ppbv
 RT: 7.18 min Scan# 1366
 Delta R.T. -0.44 min
 Lab File: VL034876.D
 Acq: 10 Mar 2020 21:35

Tgt Ion: 63 Resp: 530115
 Ion Ratio Lower Upper
 63 100
 41 0.2 59.8 89.8#
 62 16.3 57.6 86.4#



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

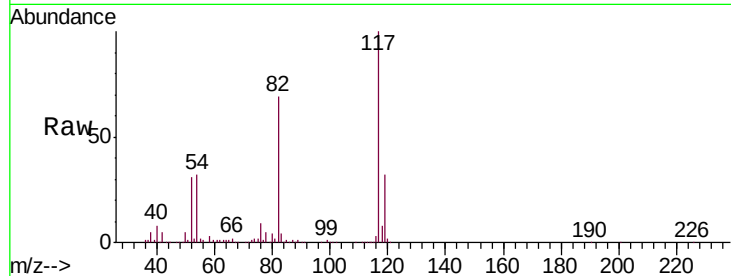




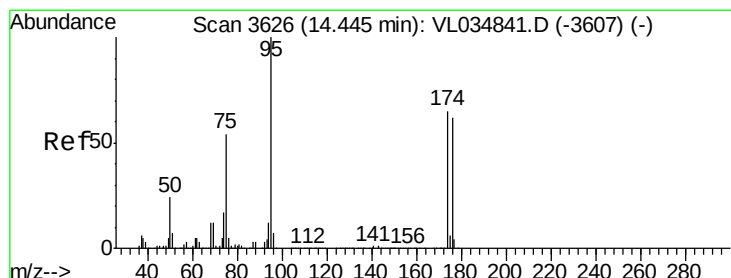
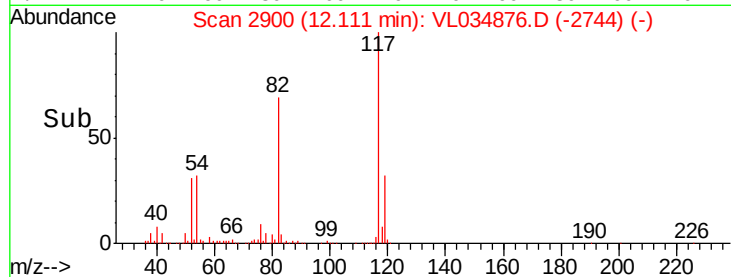
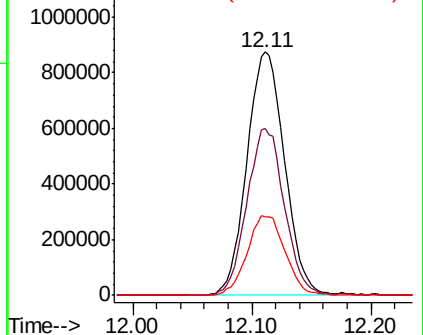
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. 0.00 min
Lab File: VL034876.D
Acq: 10 Mar 2020 21:35

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 117 Resp: 1919885
Ion Ratio Lower Upper
117 100
82 68.6 51.1 76.7
119 33.0 27.3 40.9

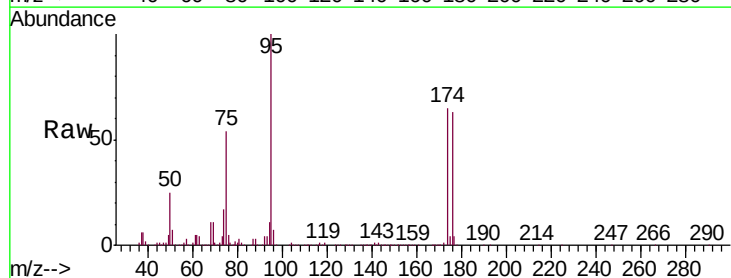


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.512 ppbv
RT: 14.45 min Scan# 3627
Delta R.T. 0.00 min
Lab File: VL034876.D
Acq: 10 Mar 2020 21:35

Tgt Ion: 95 Resp: 1573981
Ion Ratio Lower Upper
95 100
174 65.4 55.2 82.8
175 4.8 4.3 6.5



Abundance Ion 95.10 (94.80 to 95.80): VL0
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

