

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022820\
Quantitation Report (Not Reviewed)

Data File : VL034737.D
Acq On : 28 Feb 2020 15:04
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Mar 02 04:31:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Feb 28 01:15:02 2020
QLast Update : Fri Feb 28 01:15:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1019593	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2066435	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2060695	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1728569	10.23	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.30%

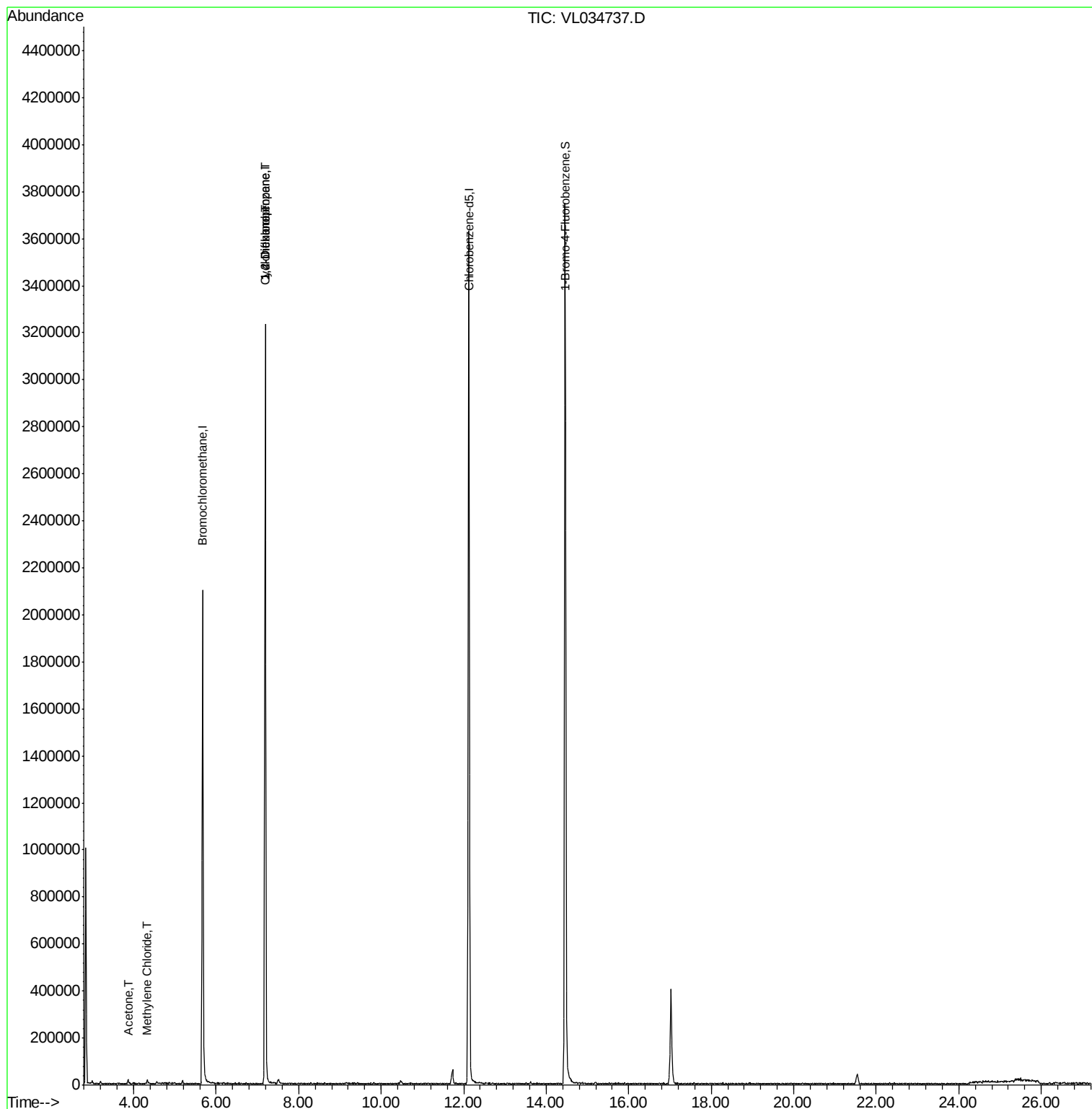
Target Compounds					Qvalue
15) Acetone	3.86	43	10861	0.093 ppbv #	48
20) Methylene Chloride	4.32	84	1429	0.033 ppbv #	75
30) Cyclohexane	7.18	84	4156	0.057 ppbv #	1
39) 1,2-Dichloropropane	7.19	63	607131	8.550 ppbv #	22

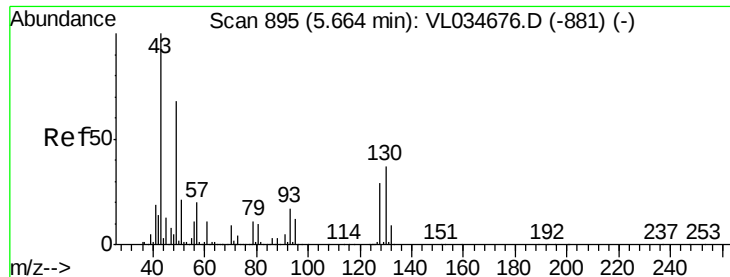
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. 0.00 min

Lab File: VL034737.D

Acq: 28 Feb 2020 15:04

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

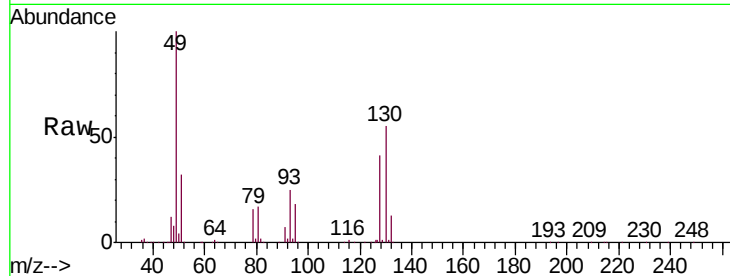
Tgt Ion: 49 Resp: 1019593

Ion Ratio Lower Upper

49 100

128 44.1 21.6 65.0

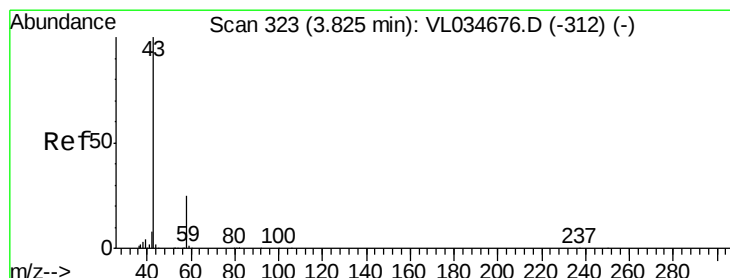
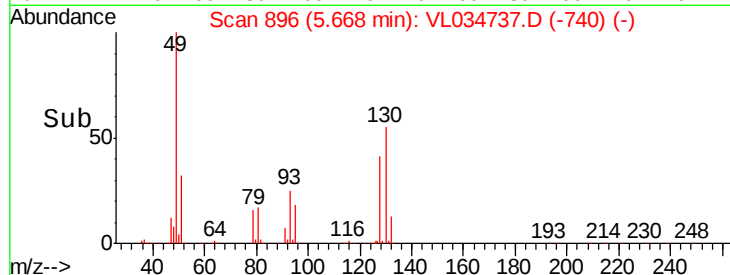
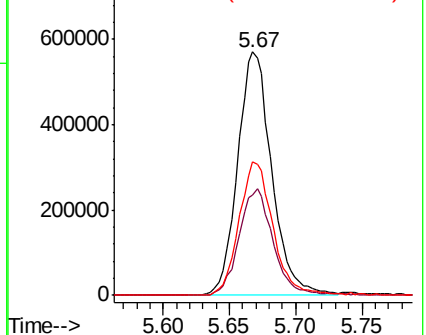
130 55.5 27.7 83.1



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: 0.093 ppbv

RT: 3.86 min Scan# 335

Delta R.T. 0.04 min

Lab File: VL034737.D

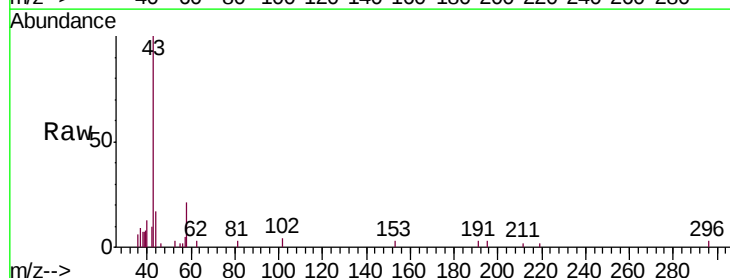
Acq: 28 Feb 2020 15:04

Tgt Ion: 43 Resp: 10861

Ion Ratio Lower Upper

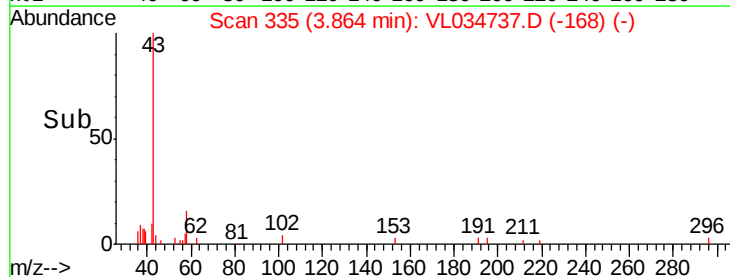
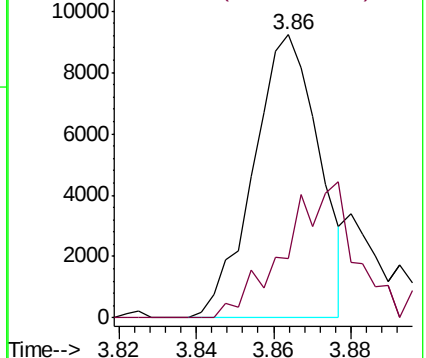
43 100

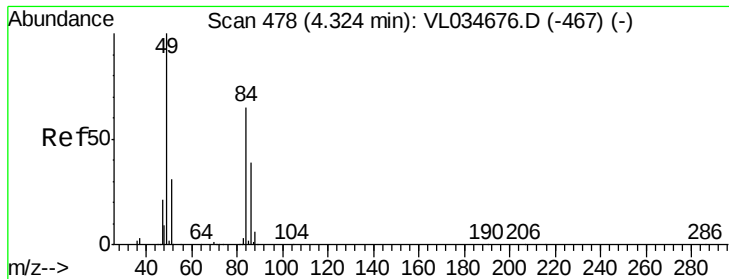
58 0.0 21.4 32.0#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#20

Methylene Chloride

Concen: 0.033 ppbv

RT: 4.32 min Scan# 478

Delta R.T. -0.00 min

Lab File: VL034737.D

Acq: 28 Feb 2020 15:04

Instrument :

MSVOA_L

ClientSampled :

VIBLK

Tgt Ion: 84 Resp: 1429

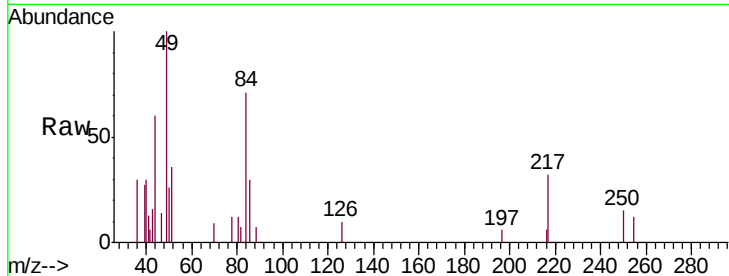
Ion Ratio Lower Upper

84 100

49 141.8 122.8 184.2

51 41.5 38.6 58.0

86 0.0 47.7 71.5#

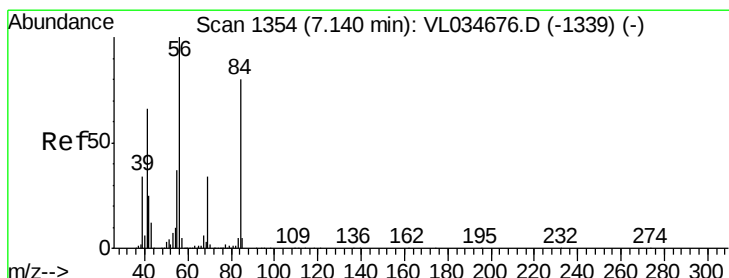
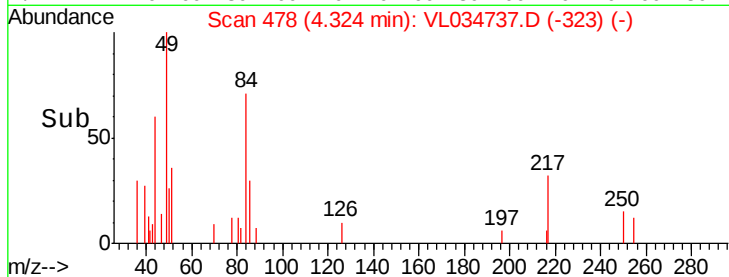
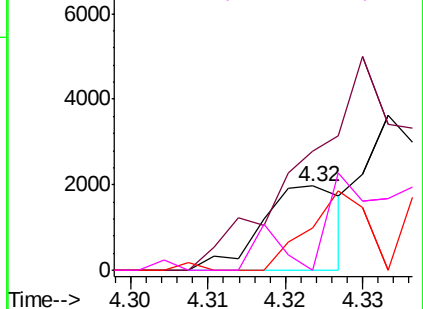


Abundance Ion 84.00 (83.70 to 84.70): VL0

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: 0.057 ppbv

RT: 7.18 min Scan# 1365

Delta R.T. 0.04 min

Lab File: VL034737.D

Acq: 28 Feb 2020 15:04

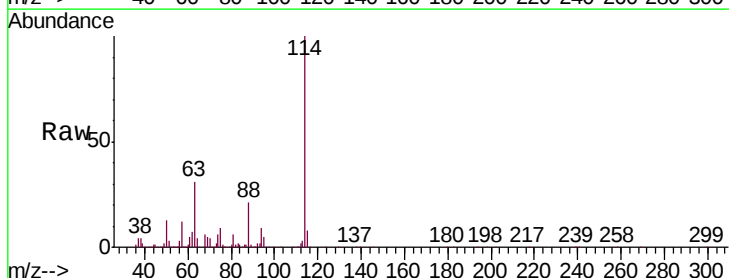
Tgt Ion: 84 Resp: 4156

Ion Ratio Lower Upper

84 100

56 0.0 113.4 170.2#

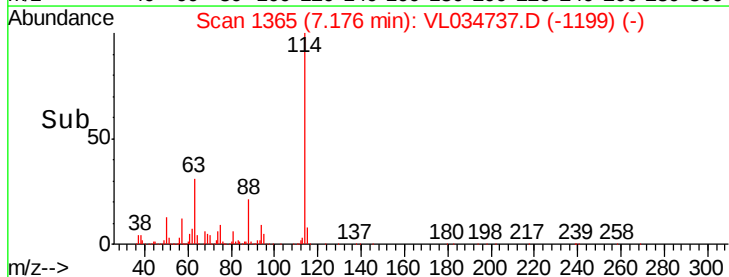
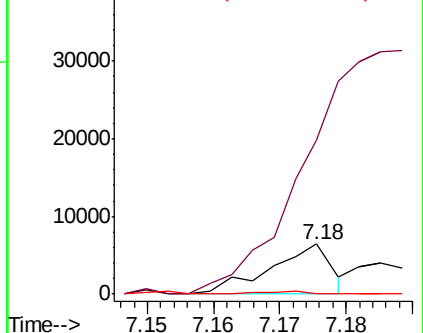
41 5.4 68.2 102.4#

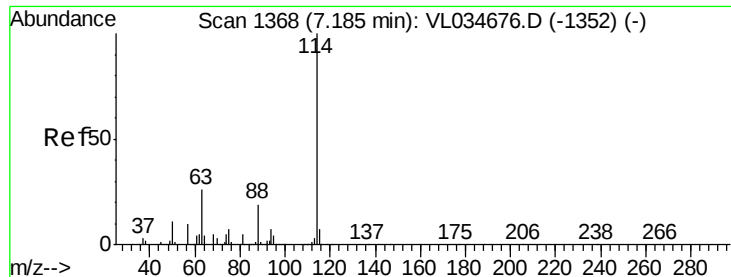


Abundance Ion 84.20 (83.90 to 84.90): VL0

Ion 56.10 (55.80 to 56.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

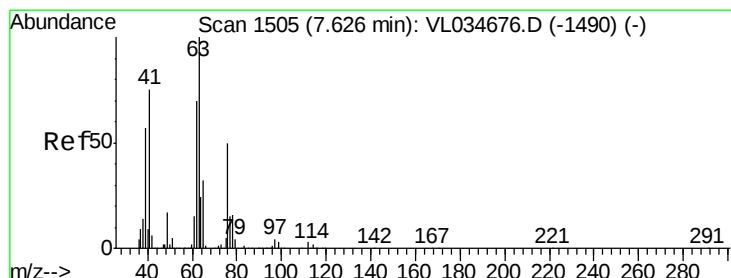
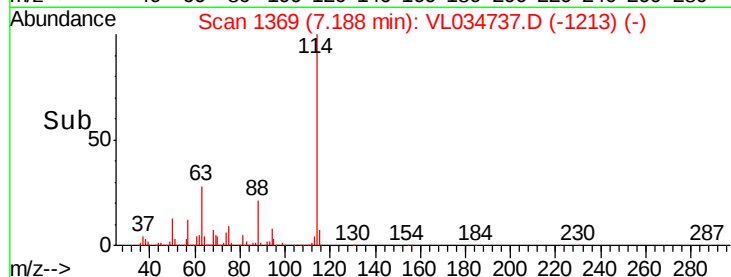
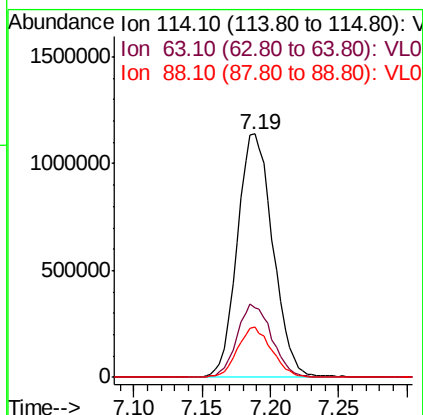
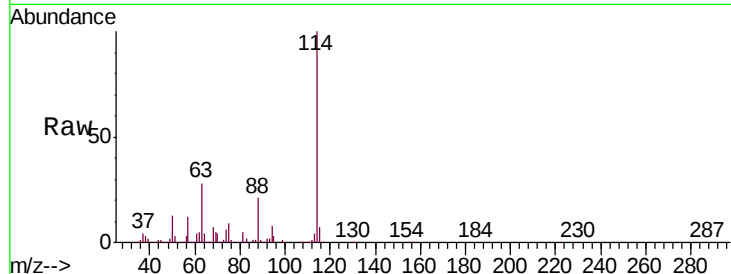




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VL034737.D
 Acq: 28 Feb 2020 15:04

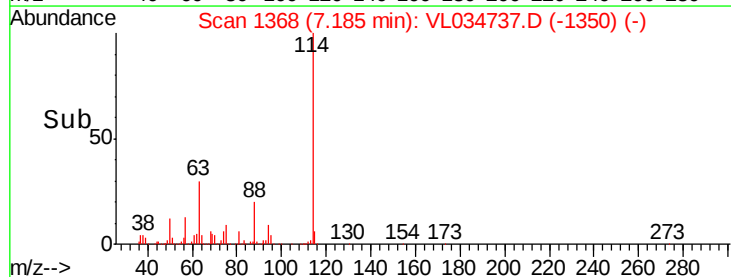
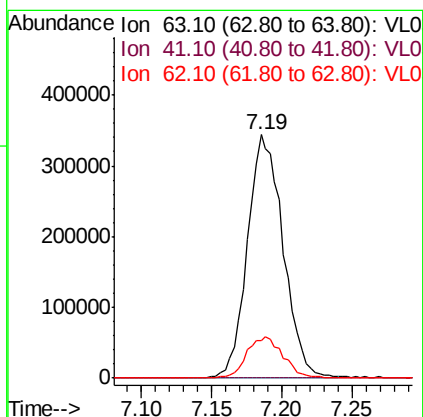
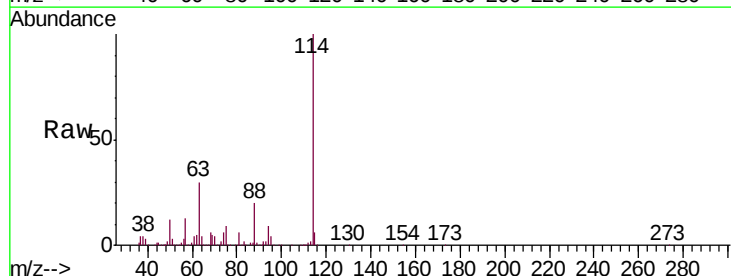
Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

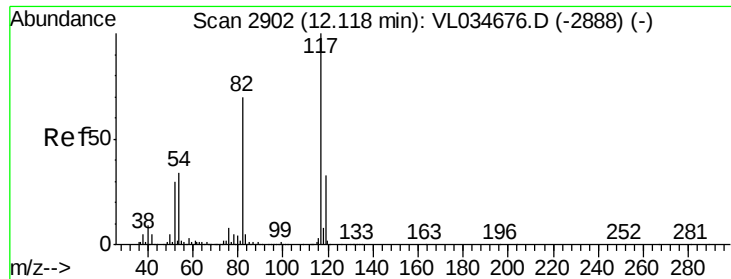
Tgt Ion: 114 Resp: 2066435
 Ion Ratio Lower Upper
 114 100
 63 29.4 22.9 34.3
 88 19.8 15.8 23.6



#39
 1,2-Dichloropropane
 Concen: 8.550 ppbv
 RT: 7.19 min Scan# 1368
 Delta R.T. -0.44 min
 Lab File: VL034737.D
 Acq: 28 Feb 2020 15:04

Tgt Ion: 63 Resp: 607131
 Ion Ratio Lower Upper
 63 100
 41 0.0 60.2 90.4#
 62 15.3 56.3 84.5#

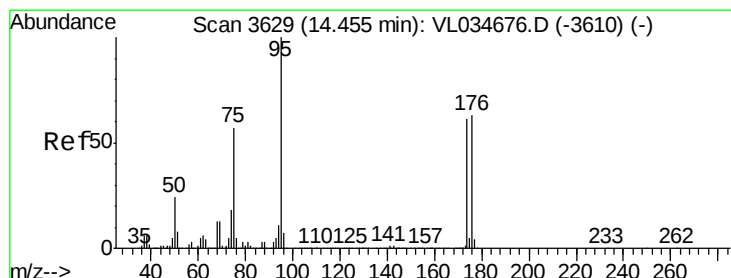
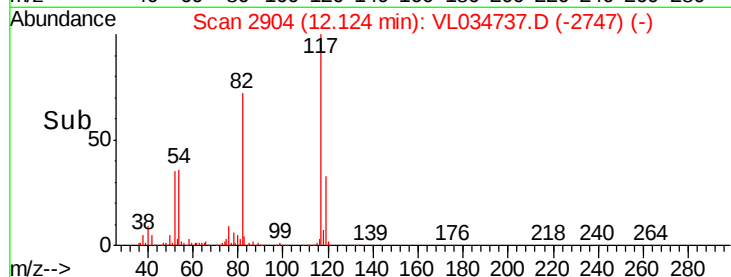
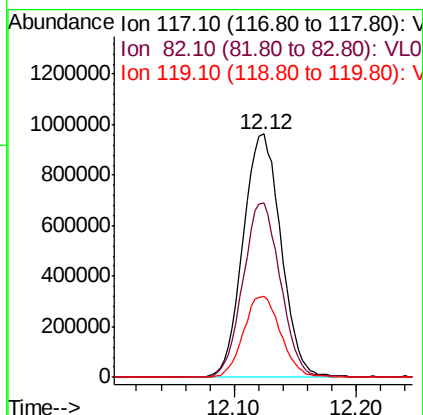
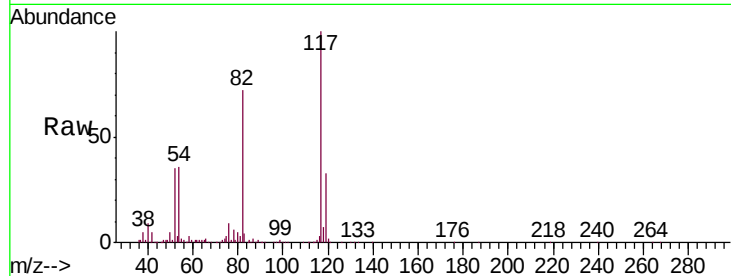




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2904
Delta R.T. 0.01 min
Lab File: VL034737.D
Acq: 28 Feb 2020 15:04

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 117 Resp: 2060695
Ion Ratio Lower Upper
117 100
82 71.3 54.1 81.1
119 32.9 27.6 41.4



#68
1-Bromo-4-Fluorobenzene
Concen: 10.230 ppbv
RT: 14.46 min Scan# 3630
Delta R.T. 0.00 min
Lab File: VL034737.D
Acq: 28 Feb 2020 15:04

Tgt Ion: 95 Resp: 1728569
Ion Ratio Lower Upper
95 100
174 62.9 50.7 76.1
175 4.6 3.9 5.9

