

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031720\
 Data File : VL034915.D
 Acq On : 17 Mar 2020 14:08
 Operator : SY/AP
 Sample : VL0317ABL01
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0317ABL01

Quant Time: Mar 18 06:58:41 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	5.65	49	1063526	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2268677	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2271032	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1871818	10.57	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.70%

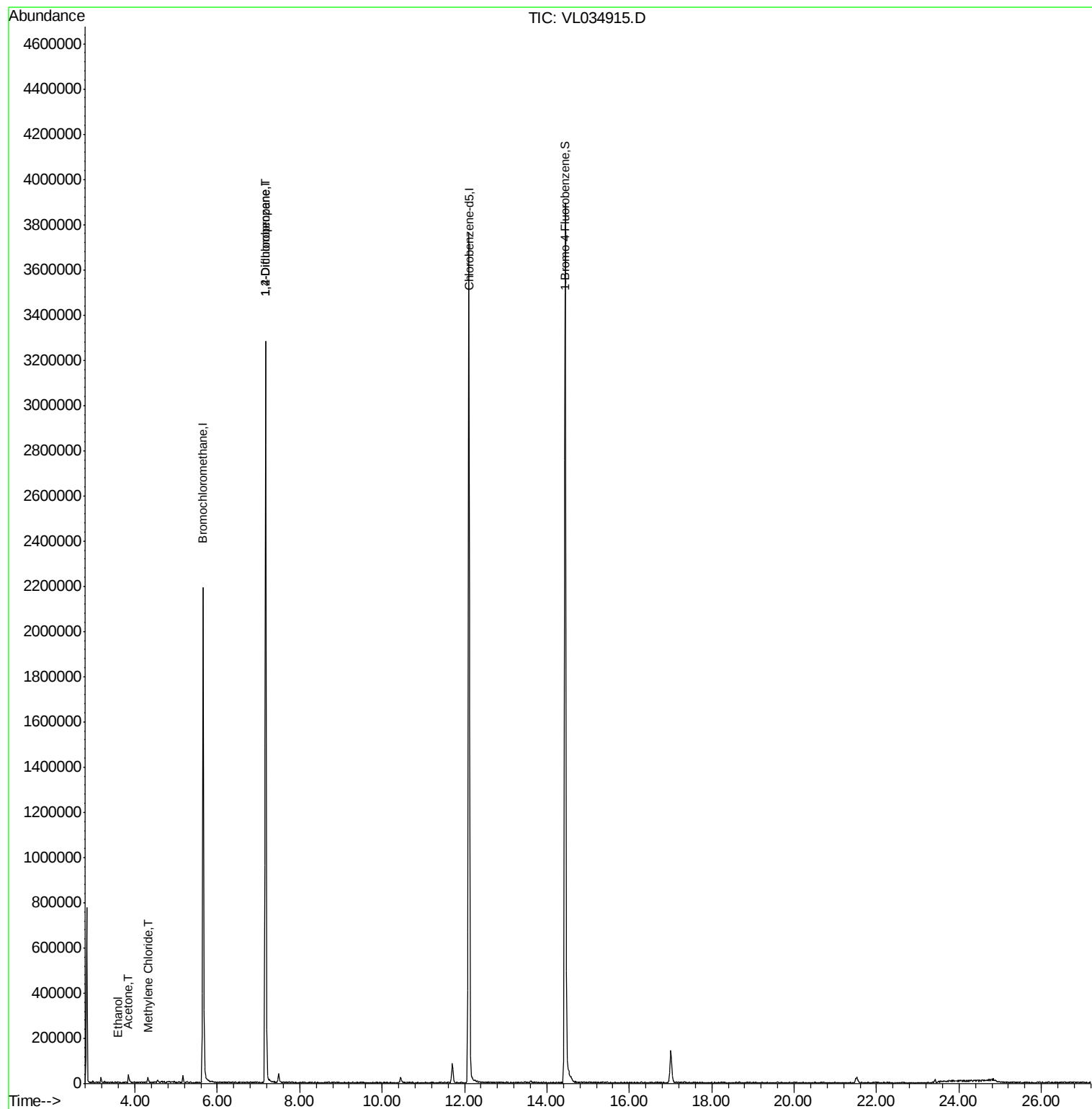
Target Compounds					Qvalue	
13) Ethanol	3.59	45	846	0.049	ppbv #	35
15) Acetone	3.84	43	27944	0.203	ppbv #	57
20) Methylene Chloride	4.32	84	1931	0.044	ppbv #	56
39) 1,2-Dichloropropane	7.17	63	619211	7.729	ppbv #	23

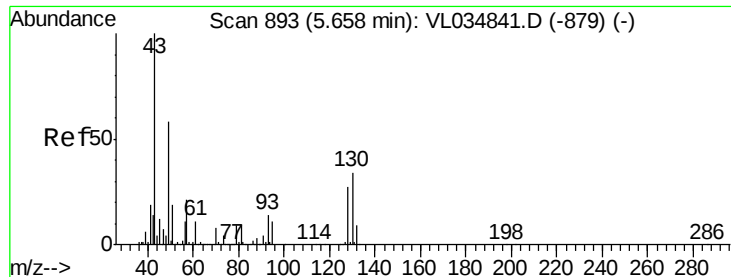
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. -0.01 min

Lab File: VL034915.D

Acq: 17 Mar 2020 14:08

Instrument :

MSVOA_L

ClientSampleId :

VL0317ABL01

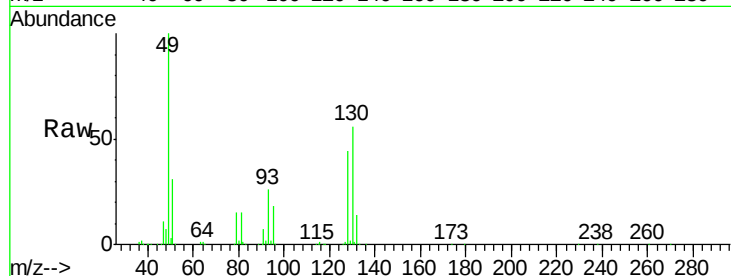
Tgt Ion: 49 Resp: 1063526

Ion Ratio Lower Upper

49 100

128 46.0 23.4 70.3

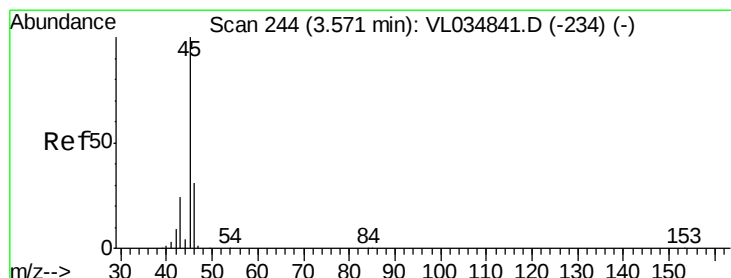
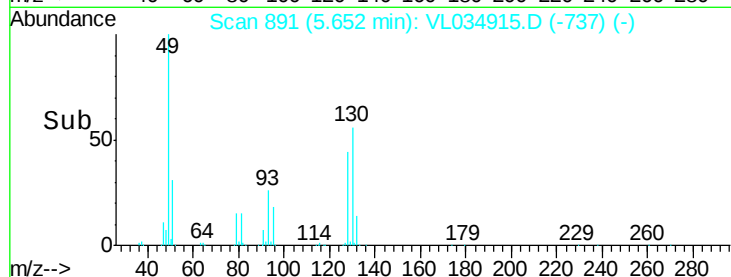
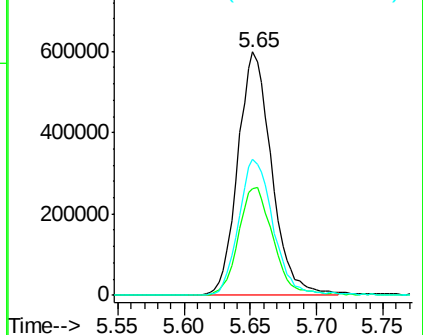
130 57.7 30.0 90.0



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: 0.049 ppbv

RT: 3.59 min Scan# 250

Delta R.T. 0.02 min

Lab File: VL034915.D

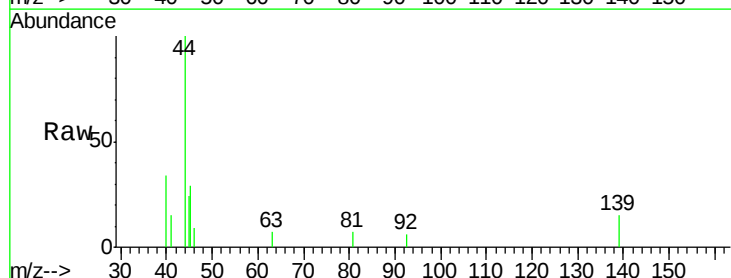
Acq: 17 Mar 2020 14:08

Tgt Ion: 45 Resp: 846

Ion Ratio Lower Upper

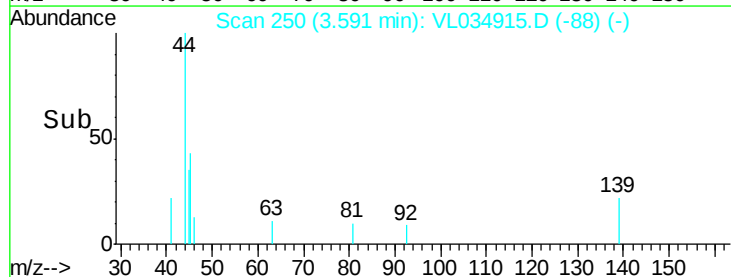
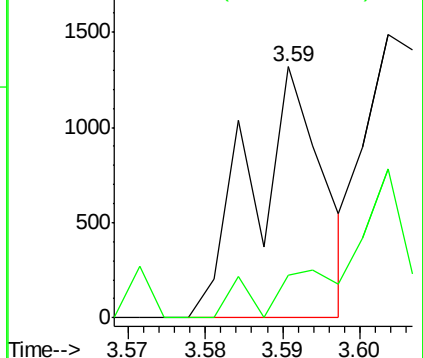
45 100

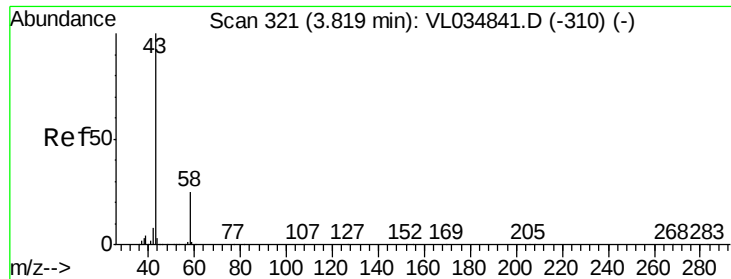
46 0.0 16.0 64.0#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 0.203 ppbv

RT: 3.84 min Scan# 329

Delta R.T. 0.03 min

Lab File: VL034915.D

Acq: 17 Mar 2020 14:08

Instrument :

MSVOA_L

ClientSampleId :

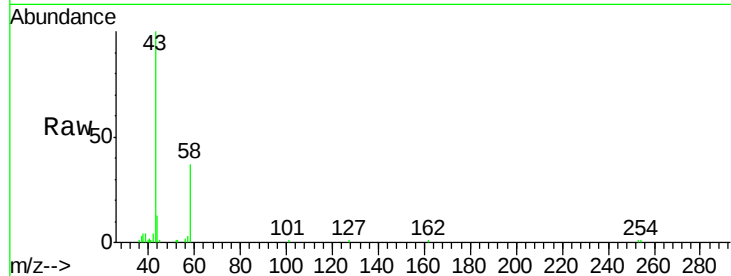
VL0317ABL01

Tgt Ion: 43 Resp: 27944

Ion Ratio Lower Upper

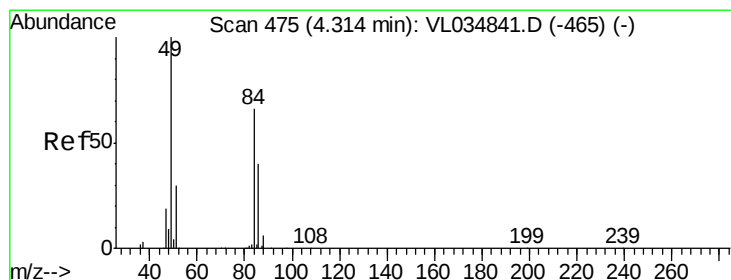
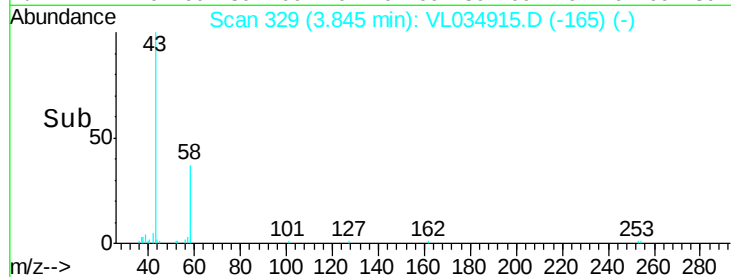
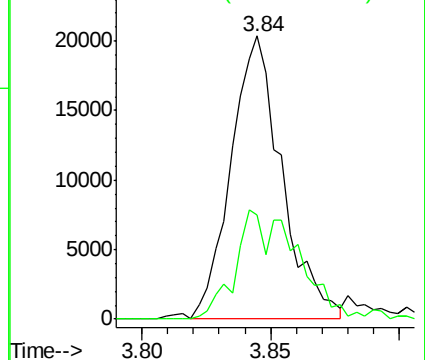
43 100

58 48.4 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: 0.044 ppbv

RT: 4.32 min Scan# 477

Delta R.T. 0.01 min

Lab File: VL034915.D

Acq: 17 Mar 2020 14:08

Tgt Ion: 84 Resp: 1931

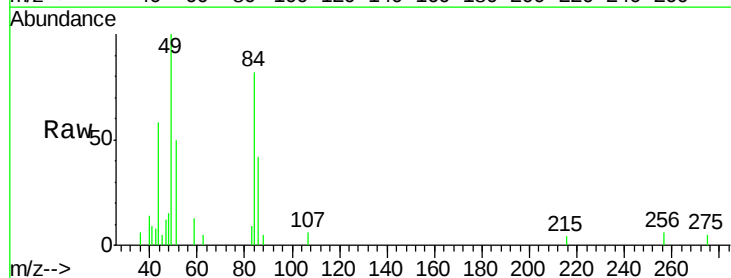
Ion Ratio Lower Upper

84 100

49 73.5 121.5 182.3#

51 46.0 36.6 55.0

86 34.4 48.2 72.2#

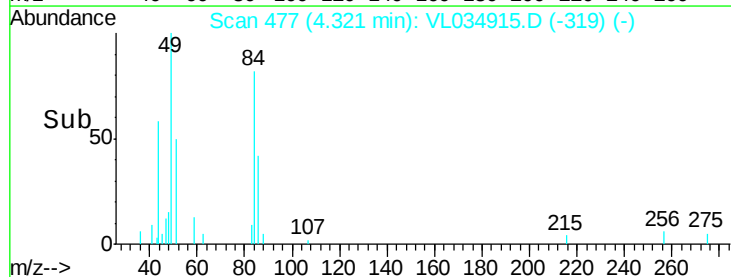
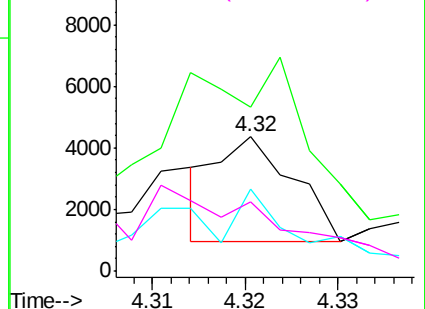


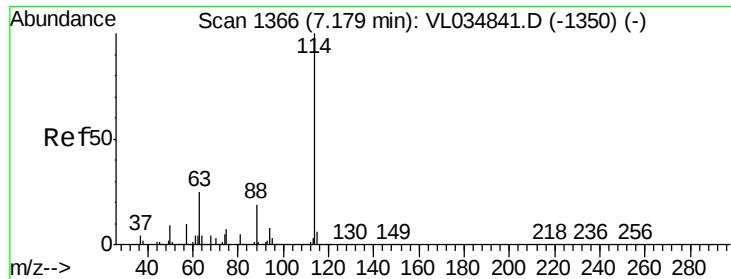
Abundance Ion 84.00 (83.70 to 84.70): VL0

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

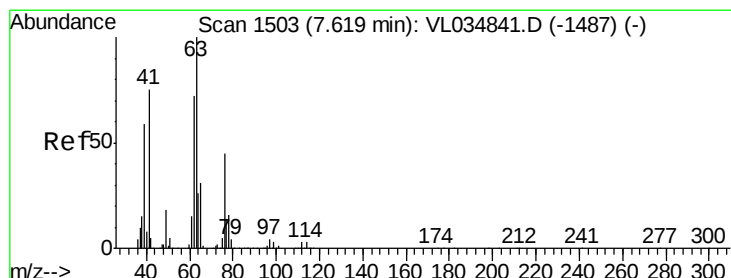
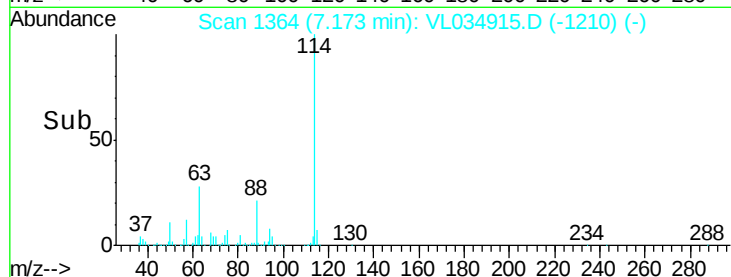
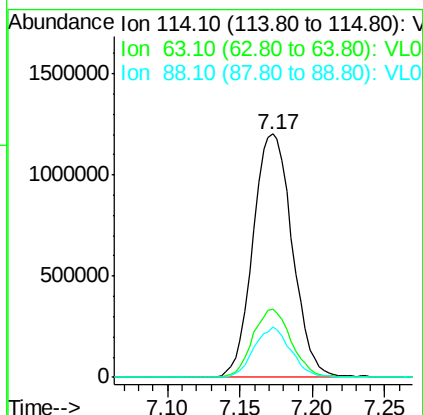
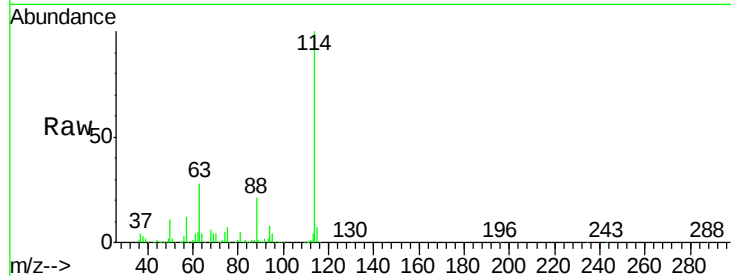




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VL034915.D
 Acq: 17 Mar 2020 14:08

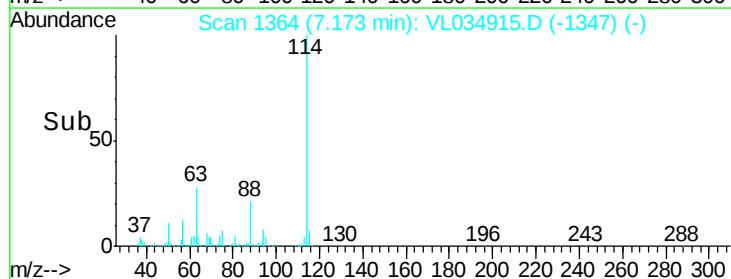
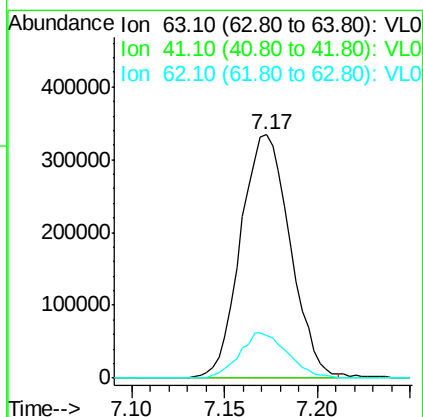
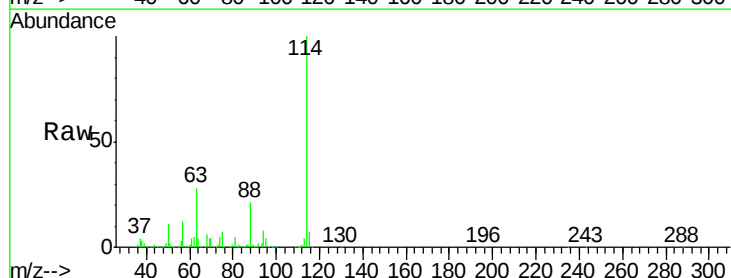
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0317ABL01

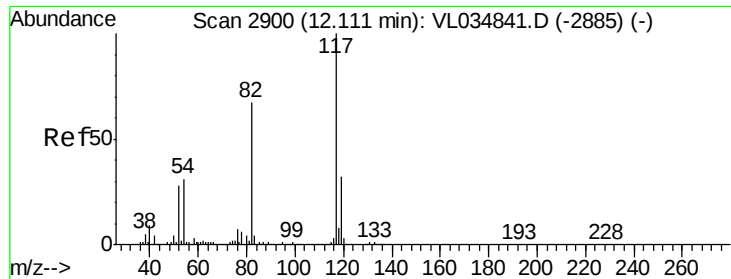
Tgt Ion: 114 Resp: 2268677
 Ion Ratio Lower Upper
 114 100
 63 27.5 20.6 31.0
 88 19.3 15.0 22.6



#39
 1,2-Dichloropropane
 Concen: 7.729 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.45 min
 Lab File: VL034915.D
 Acq: 17 Mar 2020 14:08

Tgt Ion: 63 Resp: 619211
 Ion Ratio Lower Upper
 63 100
 41 0.0 59.8 89.8#
 62 17.2 57.6 86.4#

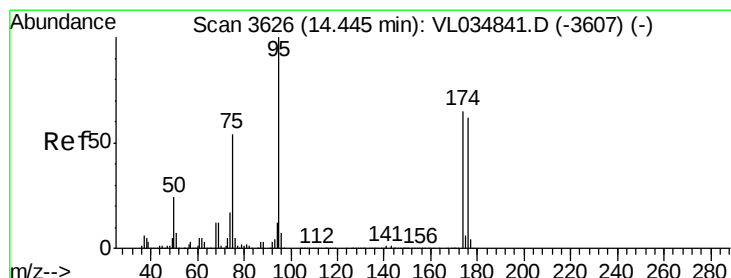
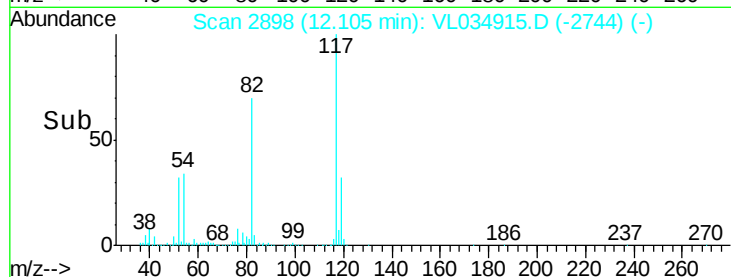
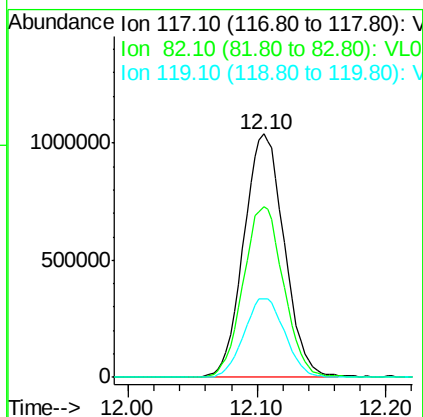
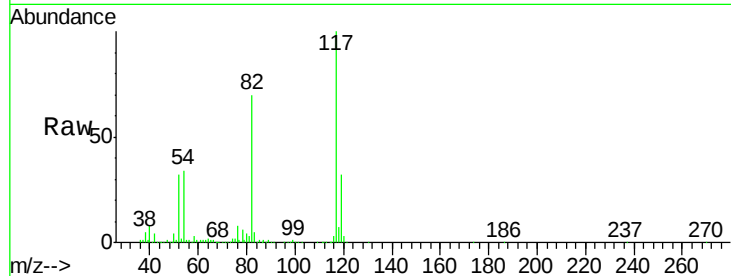




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. -0.01 min
Lab File: VL034915.D
Acq: 17 Mar 2020 14:08

Instrument :
MSVOA_L
ClientSampleId :
VL0317ABL01

Tgt Ion:117 Resp: 2271032
Ion Ratio Lower Upper
117 100
82 70.5 51.1 76.7
119 33.0 27.3 40.9



#68
1-Bromo-4-Fluorobenzene
Concen: 10.569 ppbv
RT: 14.45 min Scan# 3626
Delta R.T. 0.00 min
Lab File: VL034915.D
Acq: 17 Mar 2020 14:08

Tgt Ion: 95 Resp: 1871818
Ion Ratio Lower Upper
95 100
174 65.2 55.2 82.8
175 4.8 4.3 6.5

