

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL021920\
Quantitation Report (Not Reviewed)

Data File : VL034661.D
Acq On : 20 Feb 2020 1:36
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Feb 20 06:53:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL013020AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Jan 30 17:16:44 2020
QLast Update : Thu Jan 30 17:16:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	673496	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	1419325	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.10	117	1416061	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1246975	10.42	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.20%

Target Compounds						Qvalue
9) Propene	2.98	41	1224	0.039	ppbv	92
13) Ethanol	3.60	45	999	0.118	ppbv	70
15) Acetone	3.85	43	12620	0.127	ppbv #	50
39) 1,2-Dichloropropane	7.17	63	424765	8.118	ppbv #	20

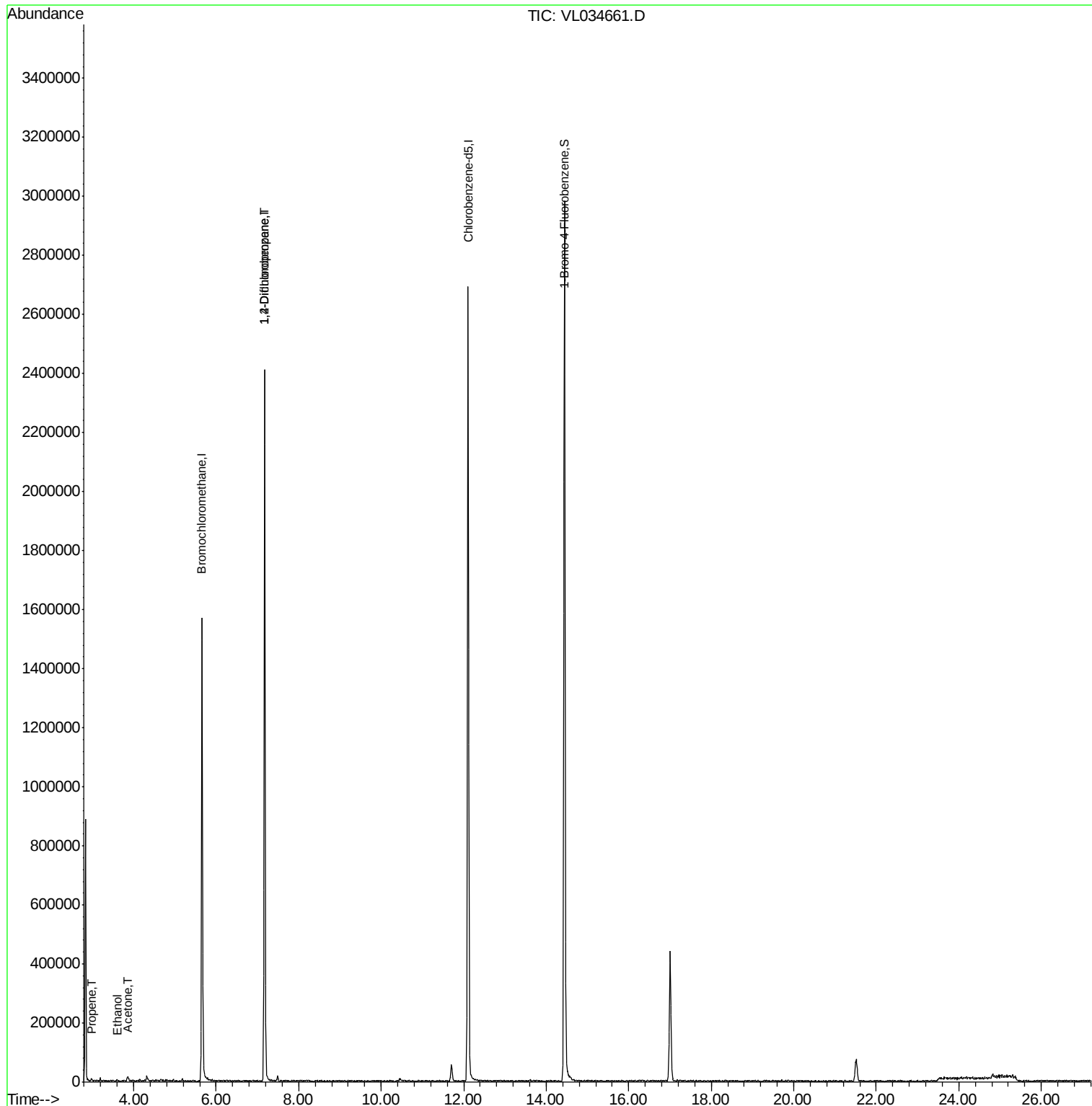
(#) = qualifier out of range (m) = manual integration (+) = signals summed

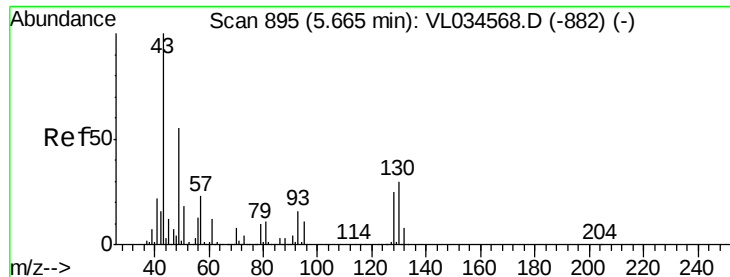
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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. -0.01 min

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Instrument :

MSVOA_L

ClientSampleId :

VIBLK

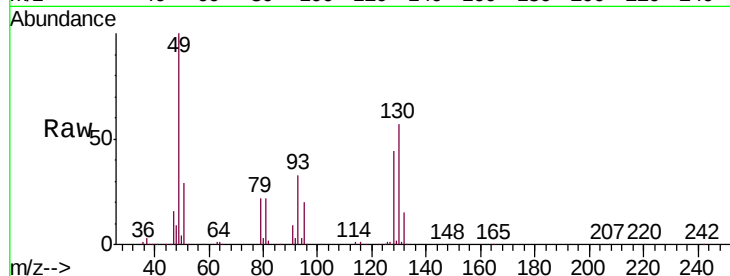
Tgt Ion: 49 Resp: 673496

Ion Ratio Lower Upper

49 100

128 46.5 22.7 68.1

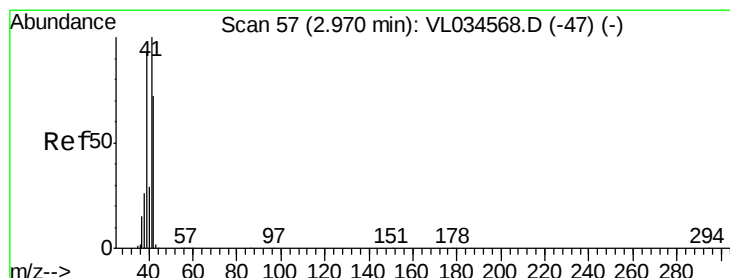
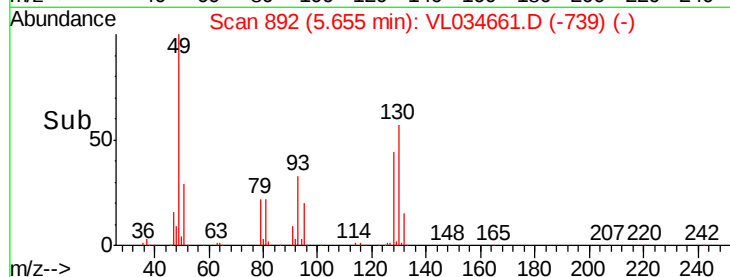
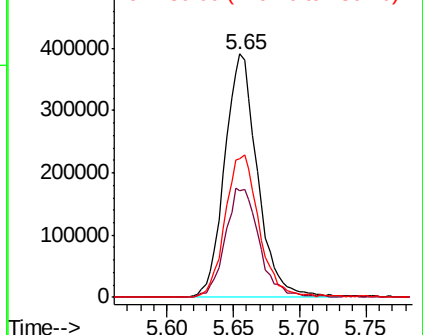
130 60.0 28.6 85.8



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



#9

Propene

Concen: 0.039 ppbv

RT: 2.98 min Scan# 60

Delta R.T. 0.01 min

Lab File: VL034661.D

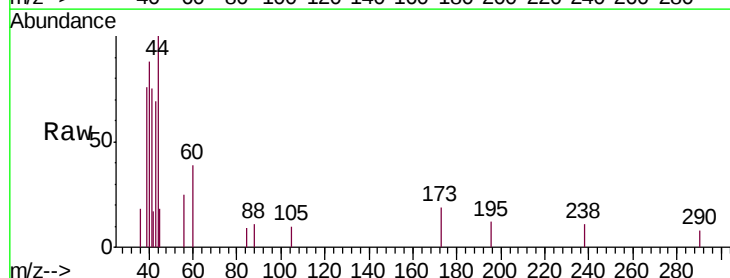
Acq: 20 Feb 2020 1:36

Tgt Ion: 41 Resp: 1224

Ion Ratio Lower Upper

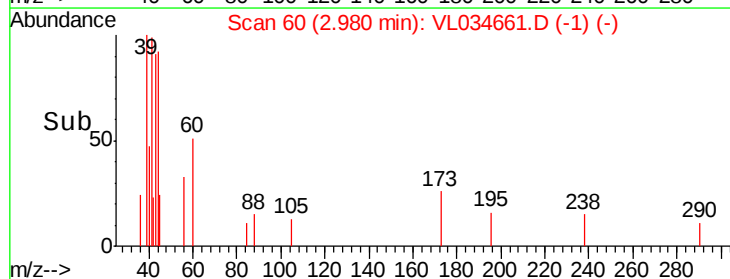
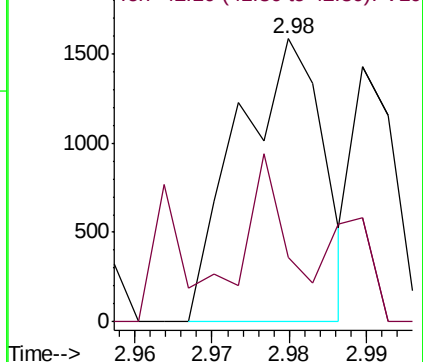
41 100

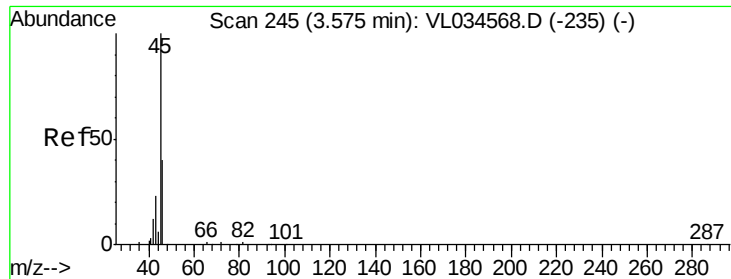
42 64.2 57.0 85.4



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

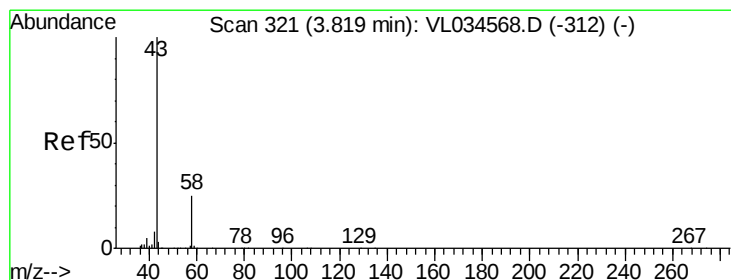
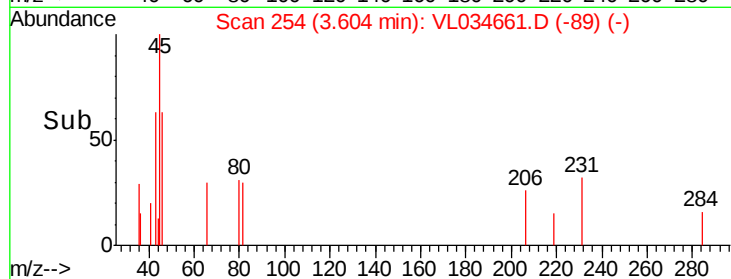
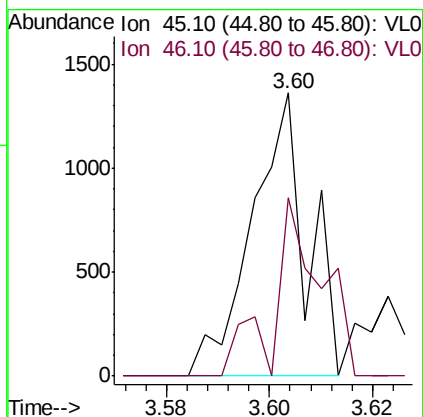
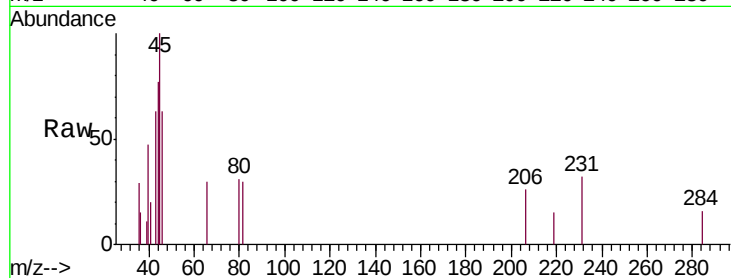




#13
Ethanol
Concen: 0.118 ppbv
RT: 3.60 min Scan# 254
Delta R.T. 0.03 min
Lab File: VL034661.D
Acq: 20 Feb 2020 1:36

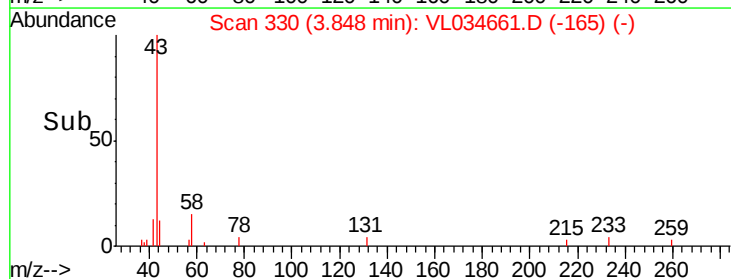
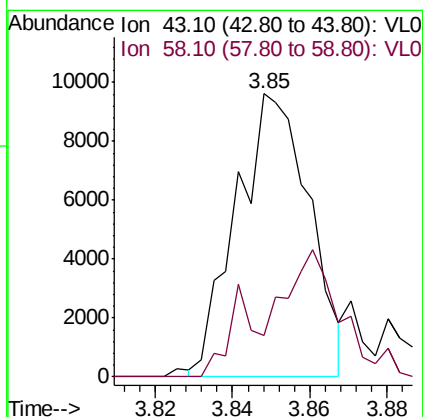
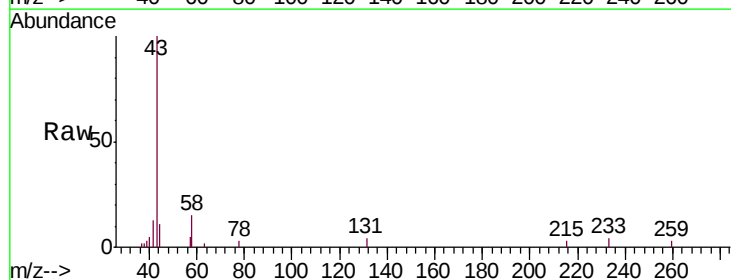
Instrument :
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VIBLK

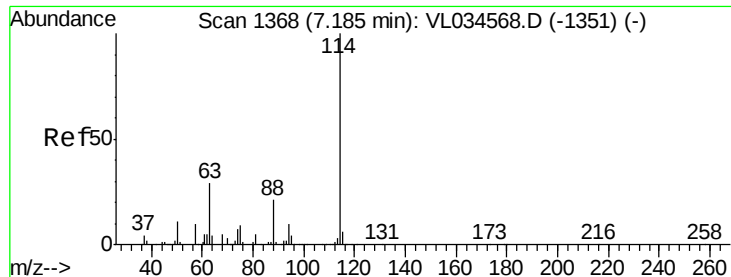
Tgt Ion: 45 Resp: 999
Ion Ratio Lower Upper
45 100
46 55.2 14.8 59.2



#15
Acetone
Concen: 0.127 ppbv
RT: 3.85 min Scan# 330
Delta R.T. 0.03 min
Lab File: VL034661.D
Acq: 20 Feb 2020 1:36

Tgt Ion: 43 Resp: 12620
Ion Ratio Lower Upper
43 100
58 0.0 20.3 30.5#

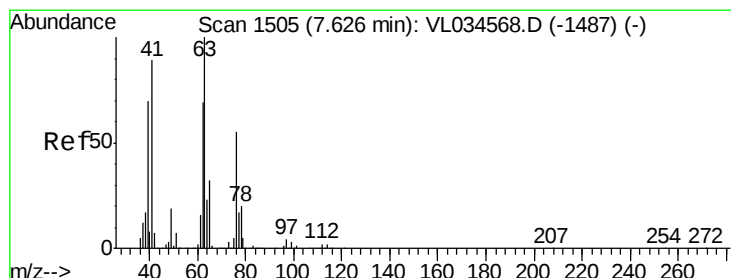
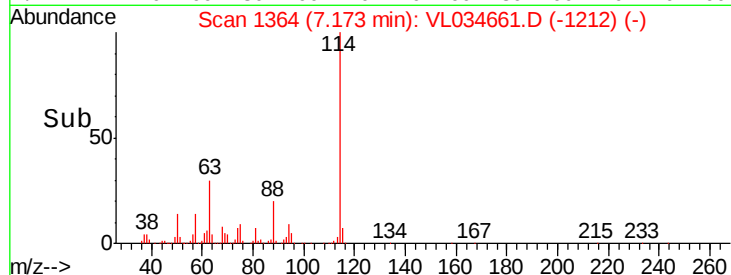
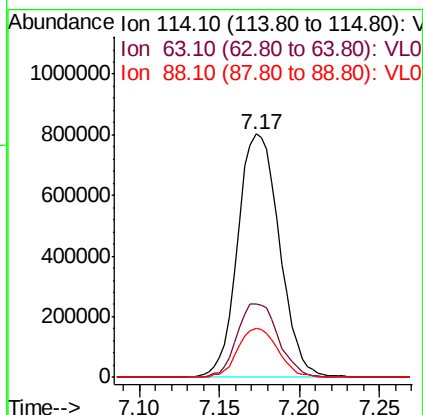
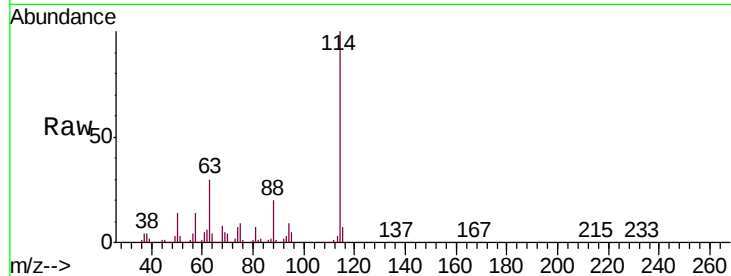




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VL034661.D
 Acq: 20 Feb 2020 1:36

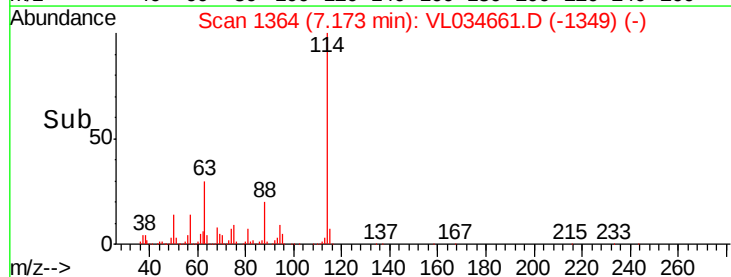
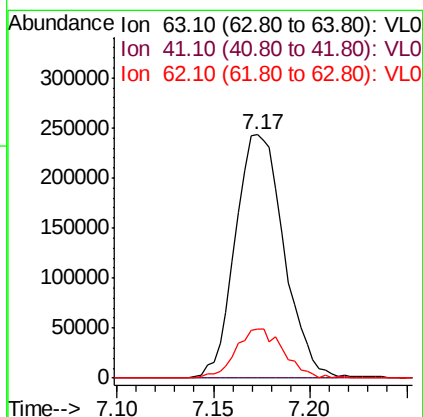
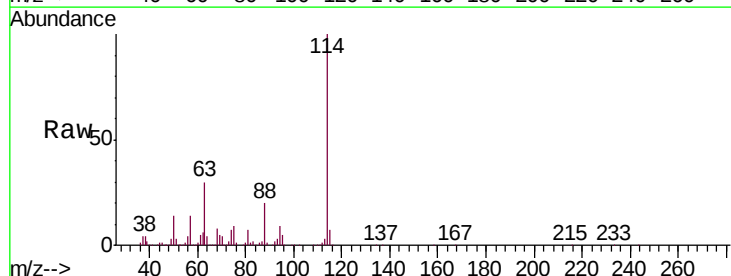
Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

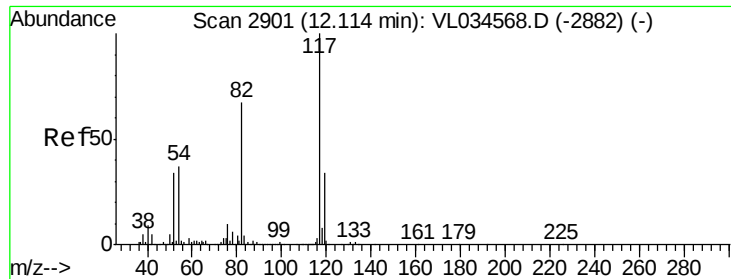
Tgt Ion: 114 Resp: 1419325
 Ion Ratio Lower Upper
 114 100
 63 30.3 24.1 36.1
 88 19.7 15.9 23.9



#39
 1,2-Dichloropropane
 Concen: 8.118 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.45 min
 Lab File: VL034661.D
 Acq: 20 Feb 2020 1:36

Tgt Ion: 63 Resp: 424765
 Ion Ratio Lower Upper
 63 100
 41 0.2 71.0 106.4#
 62 19.9 55.4 83.0#

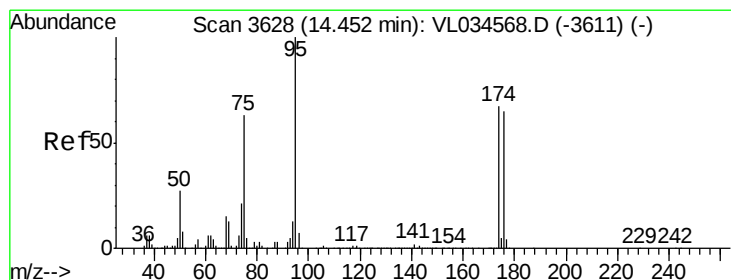
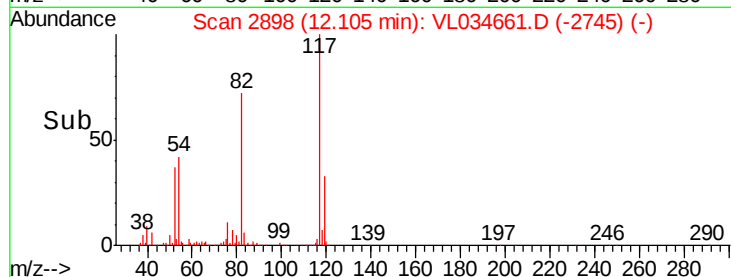
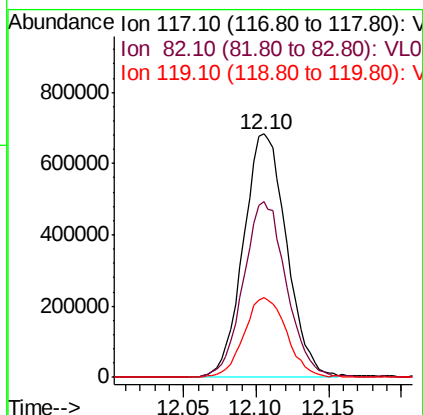
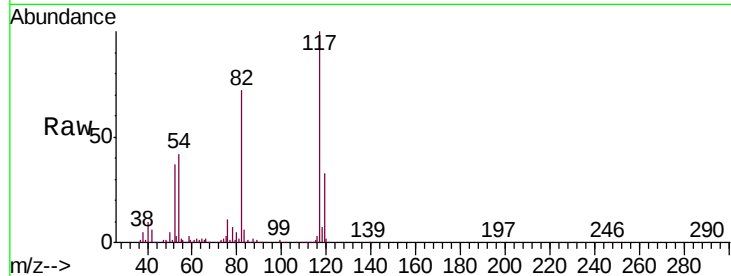




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. -0.01 min
Lab File: VL034661.D
Acq: 20 Feb 2020 1:36

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 117 Resp: 1416061
Ion Ratio Lower Upper
117 100
82 72.5 54.2 81.4
119 32.6 26.1 39.1



#68
1-Bromo-4-Fluorobenzene
Concen: 10.420 ppbv
RT: 14.44 min Scan# 3625
Delta R.T. -0.01 min
Lab File: VL034661.D
Acq: 20 Feb 2020 1:36

Tgt Ion: 95 Resp: 1246975
Ion Ratio Lower Upper
95 100
174 62.5 52.3 78.5
175 4.6 3.8 5.6

