

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL121317\
 Data File : VL031223.D
 Acq On : 14 Dec 2017 9:13
 Operator : SY/AP
 Sample : I6769-02DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2ADL

Quant Time: Dec 15 06:12:58 2017
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL121317AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Dec 14 04:29:58 2017
 QLast Update : Thu Dec 14 04:29:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.91	49	1764234	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.45	114	4190618	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.41	117	4340192	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.75	95	3233020	10.47	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.70%

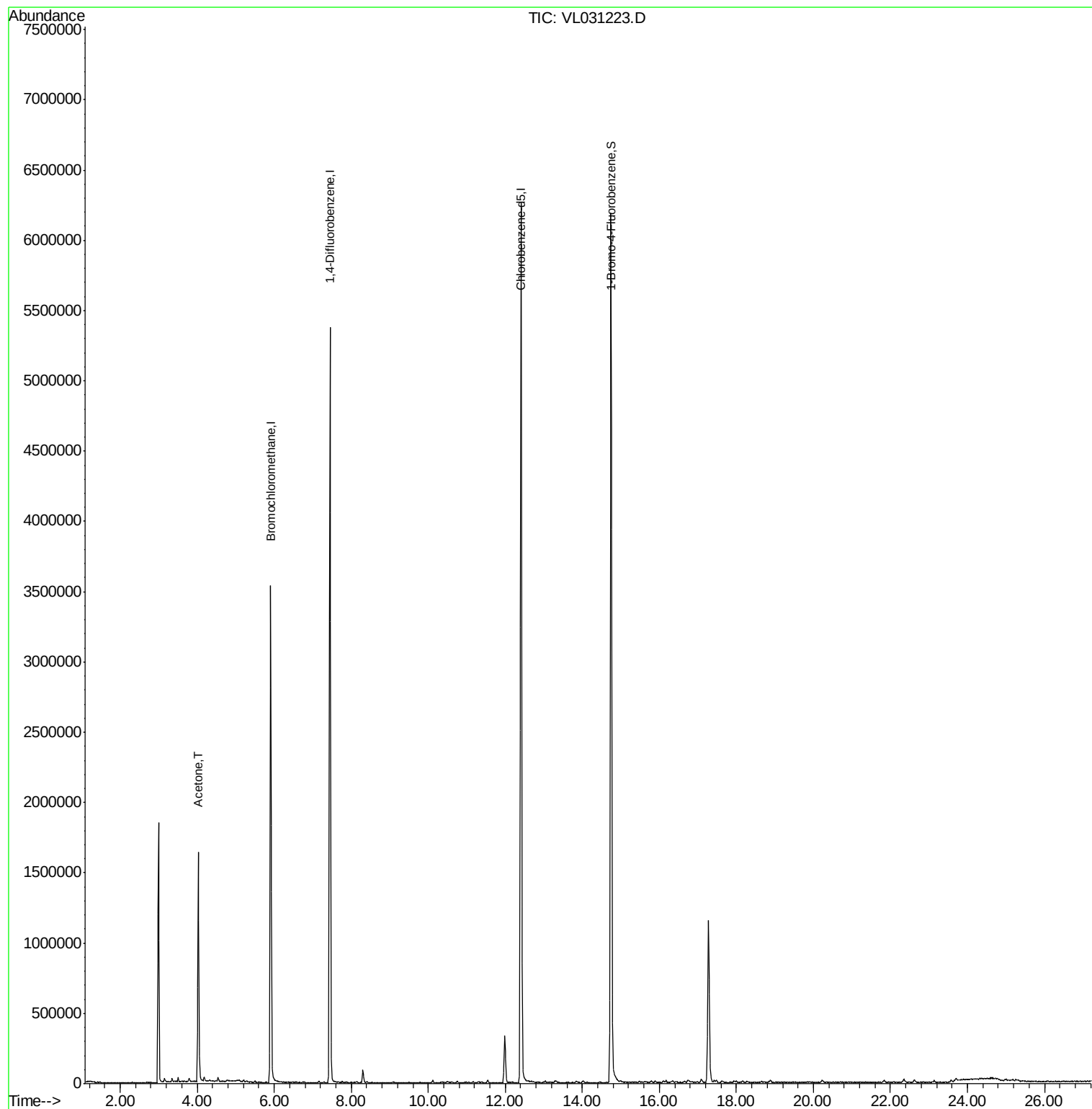
Target Compounds					Ovalue
15) Acetone	4.03	43	1878769	8.07	ppbv 100

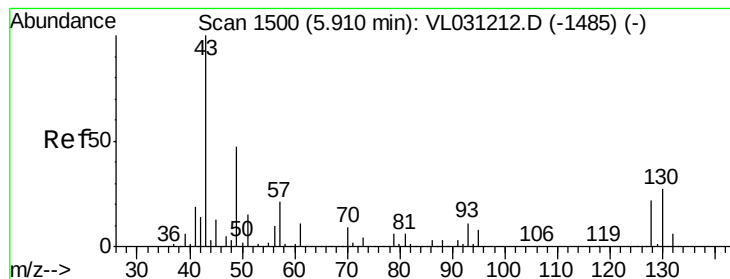
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 15 06:12:58 2017
Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL121317AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Dec 14 04:29:58 2017
QLast Update : Thu Dec 14 04:29:58 2017
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.91 min Scan# 1499

Delta R.T. -0.00 min

Lab File: VL031223.D

Acq: 14 Dec 2017 9:13

Instrument :

MSVOA_L

ClientSampleId :

IA-2ADL

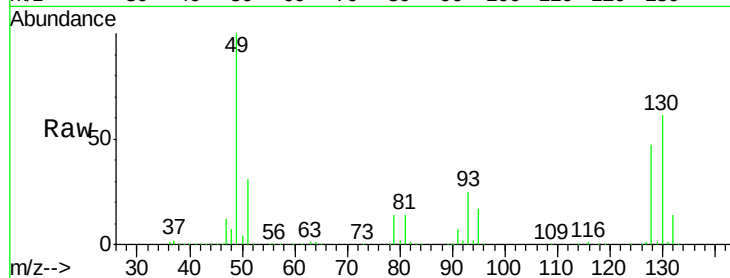
Tot Ion: 49 Resp: 1764234

Ion Ratio Lower Upper

49 100

128 49.1 23.2 69.5

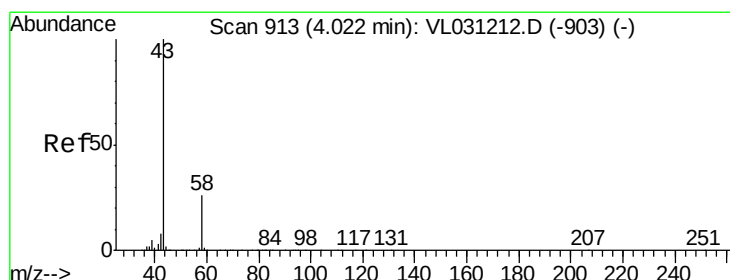
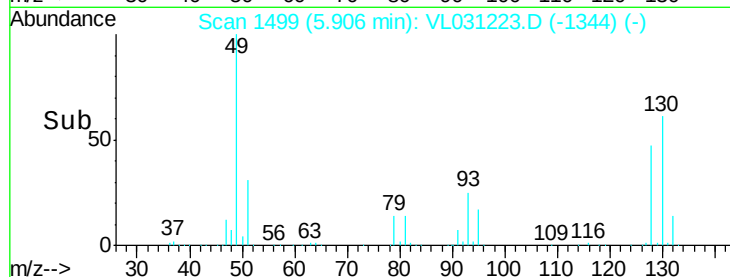
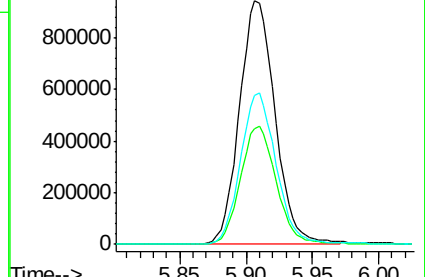
130 62.4 29.6 88.8



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



#15

Acetone

Concen: 8.07 ppbv

RT: 4.03 min Scan# 914

Delta R.T. 0.00 min

Lab File: VL031223.D

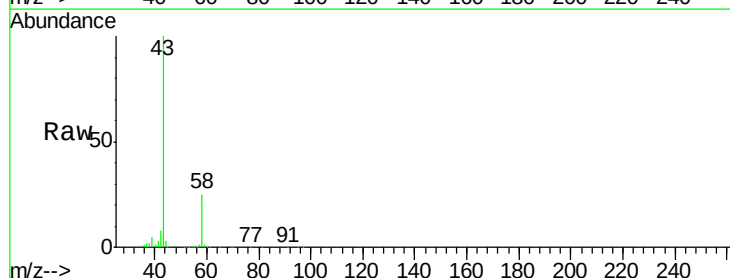
Acq: 14 Dec 2017 9:13

Tgt Ion: 43 Resp: 1878769

Ion Ratio Lower Upper

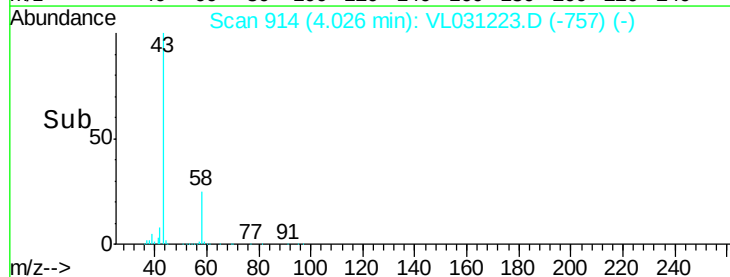
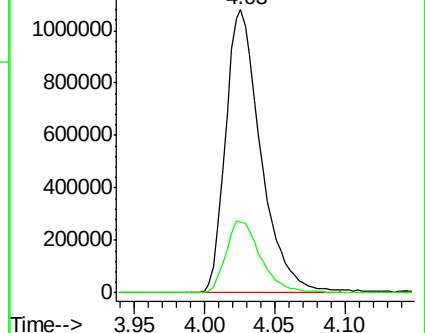
43 100

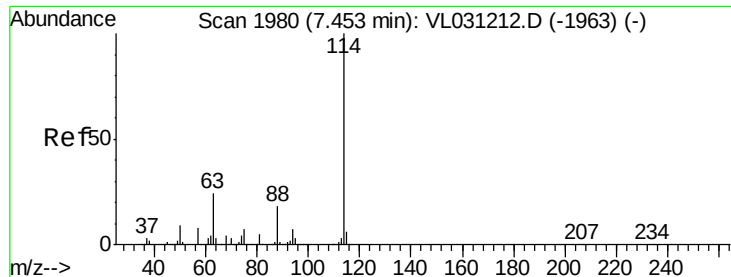
58 25.6 20.3 30.5



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

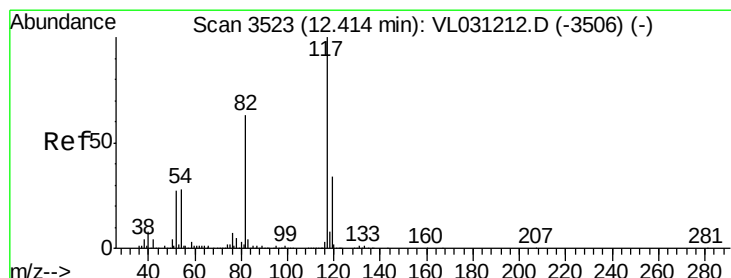
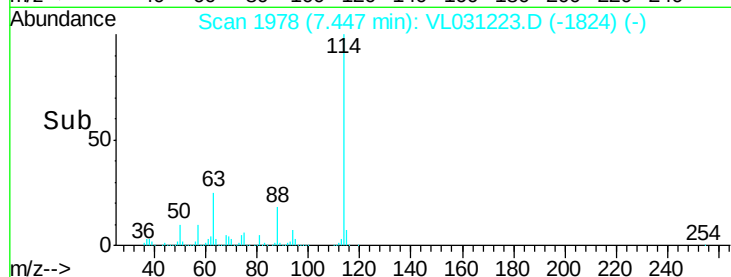
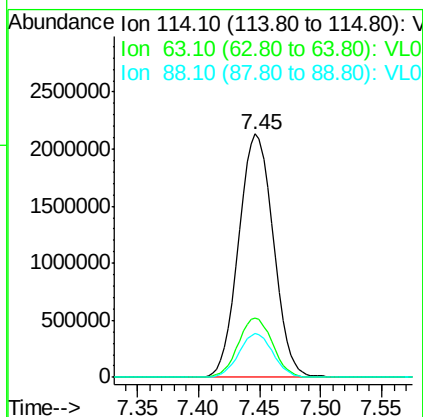
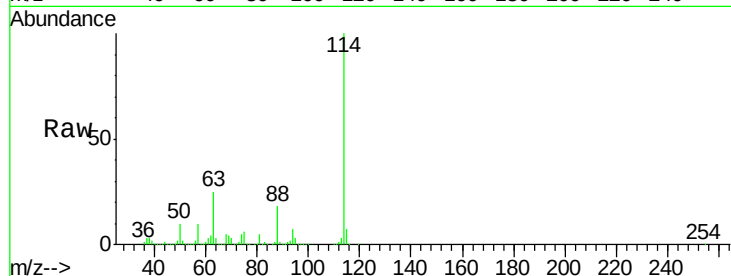




#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.45 min Scan# 1978
 Delta R.T. -0.01 min
 Lab File: VL031223.D
 Acq: 14 Dec 2017 9:13

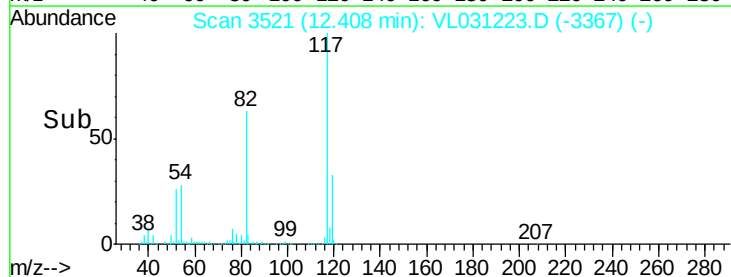
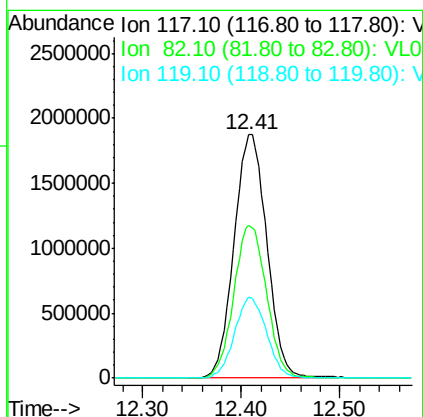
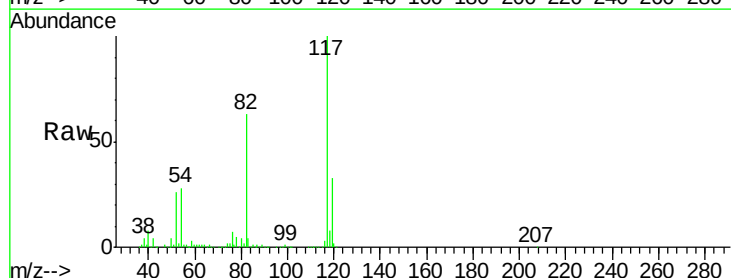
Instrument :
 MSVOA_L
 ClientSampled :
 IA-2ADL

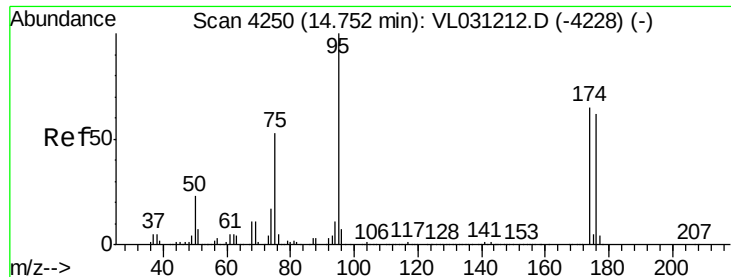
Tot Ion:114 Resp: 4190618
 Ion Ratio Lower Upper
 114 100
 63 24.2 19.8 29.8
 88 17.7 14.2 21.4



#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 12.41 min Scan# 3521
 Delta R.T. -0.01 min
 Lab File: VL031223.D
 Acq: 14 Dec 2017 9:13

Tgt Ion:117 Resp: 4340192
 Ion Ratio Lower Upper
 117 100
 82 63.0 48.1 72.1
 119 32.5 23.1 34.7





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.47 ppbv
 RT: 14.75 min Scan# 4248
 Delta R.T. -0.01 min
 Lab File: VL031223.D
 Acq: 14 Dec 2017 9:13

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2ADL

Tot Ion: 95 Resp: 3233020
 Ion Ratio Lower Upper
 95 100
 174 65.4 52.5 78.7
 175 4.8 4.1 6.1

