

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070218\
 Data File : VL032177.D
 Acq On : 2 Jul 2018 11:48
 Operator : SY/AP
 Sample : VL0702ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0702ABL01

Quant Time: Jul 03 05:10:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL062918AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 29 22:27:58 2018
 QLast Update : Fri Jun 29 22:27:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.84	49	1531324	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.38	114	4109126	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.34	117	3619283	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.67	95	2823191	10.20	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.00%

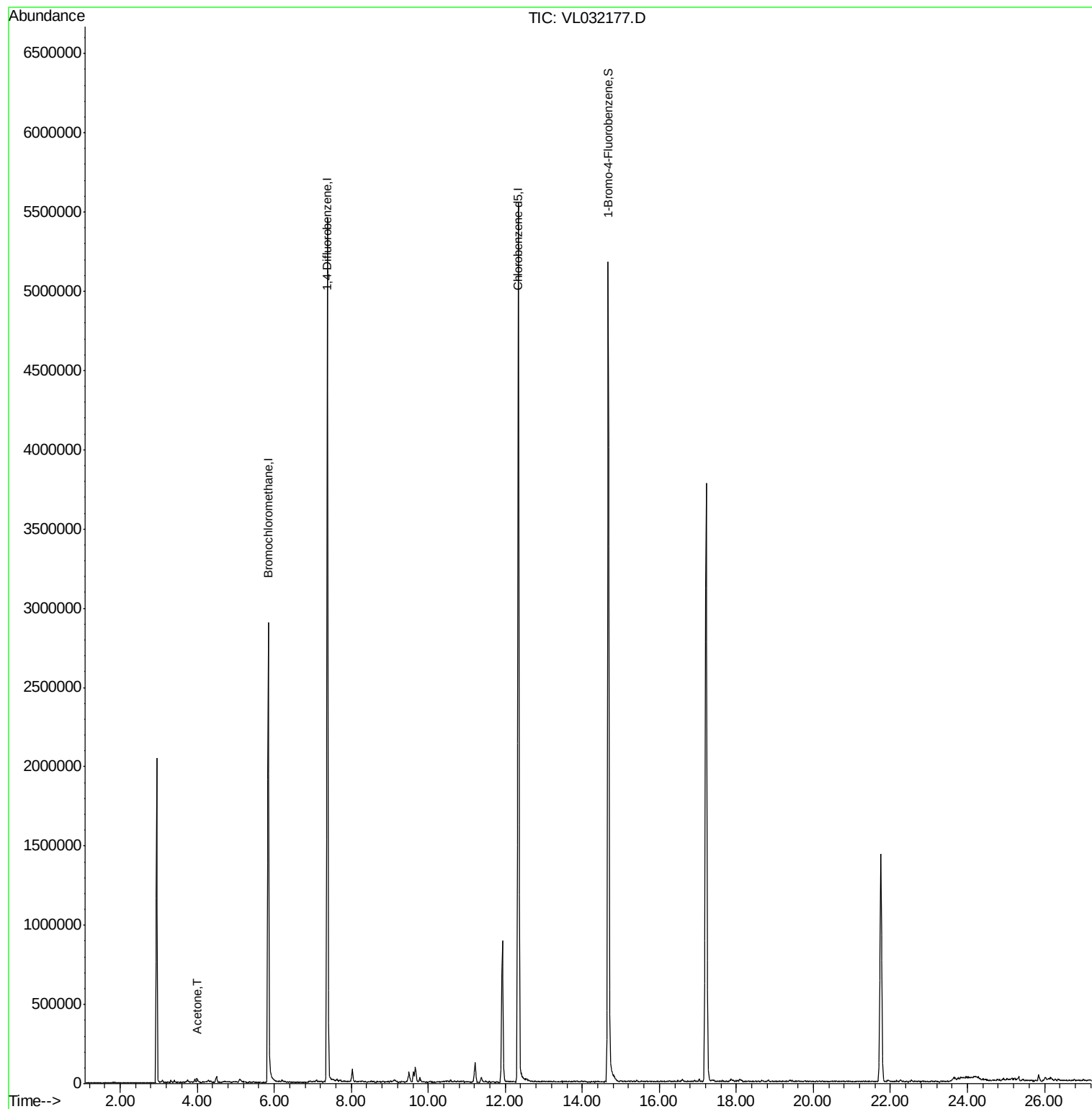
Target Compounds					Ovalue
15) Acetone	4.00	43	23449	0.13	ppbv 97

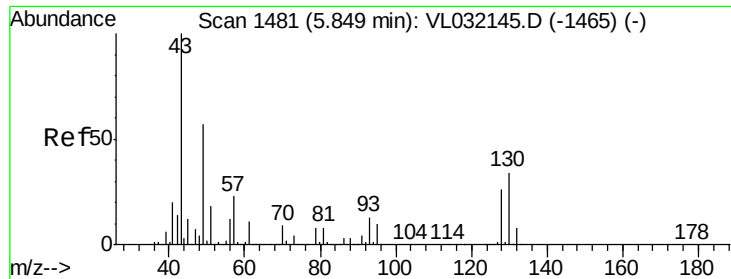
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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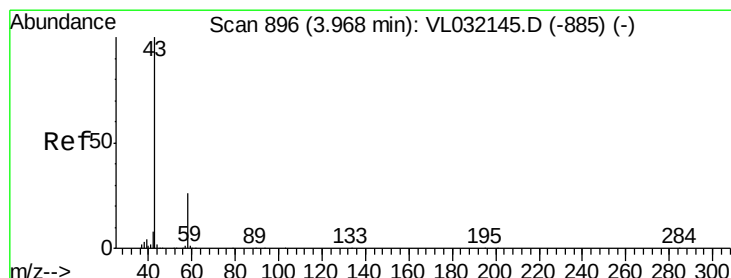
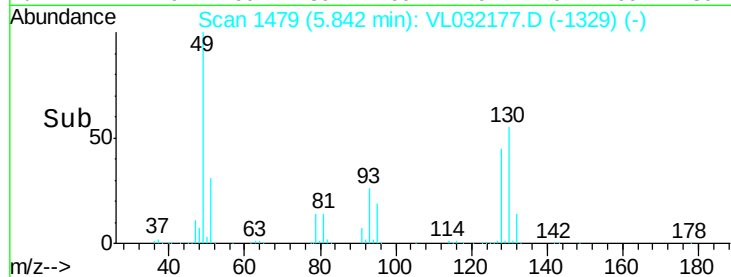
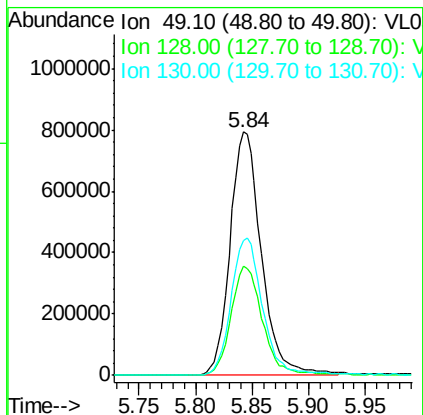
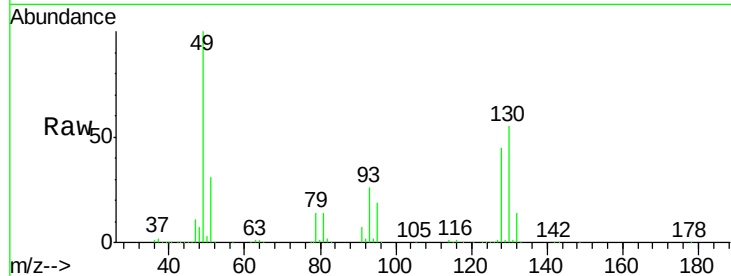


#1

Bromochloromethane
 Concen: 10.00 ppbv
 RT: 5.84 min Scan# 1479
 Delta R.T. -0.02 min
 Lab File: VL032177.D
 Acq: 2 Jul 2018 11:48

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0702ABL01

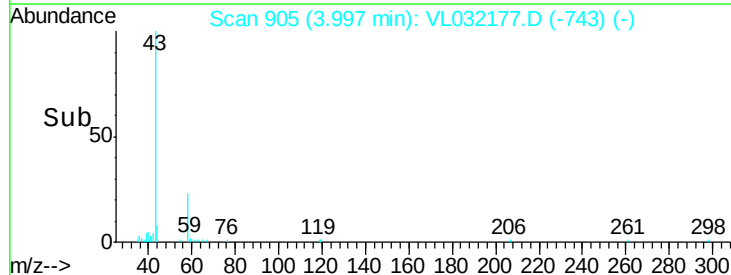
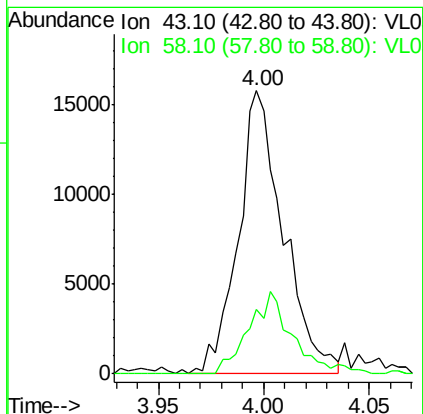
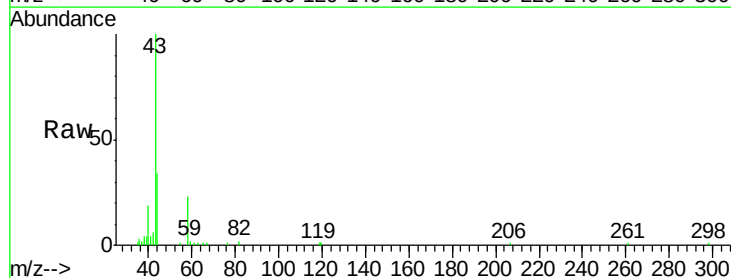
Tot Ion: 49 Resp: 1531324
 Ion Ratio Lower Upper
 49 100
 128 45.7 23.4 70.0
 130 57.4 30.3 90.9

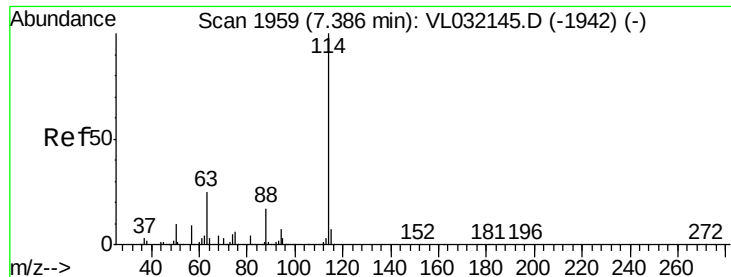


#15

Acetone
 Concen: 0.13 ppbv
 RT: 4.00 min Scan# 905
 Delta R.T. 0.02 min
 Lab File: VL032177.D
 Acq: 2 Jul 2018 11:48

Tgt Ion: 43 Resp: 23449
 Ion Ratio Lower Upper
 43 100
 58 28.4 21.4 32.0

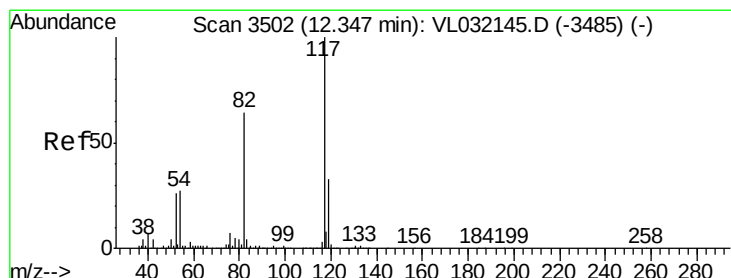
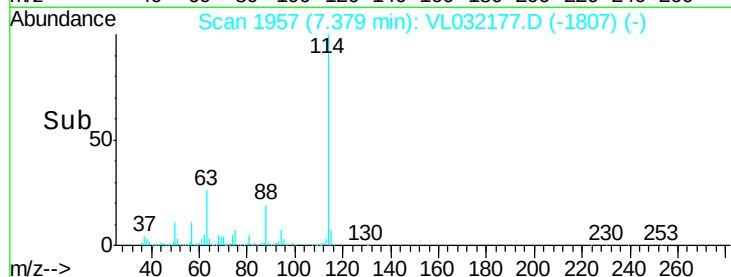
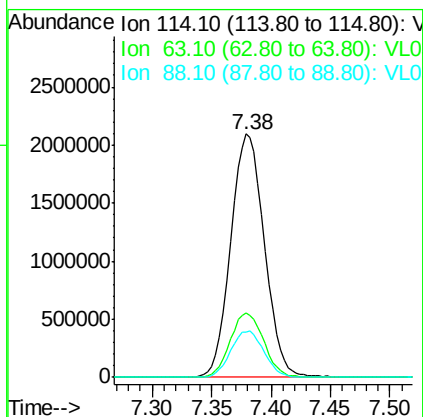
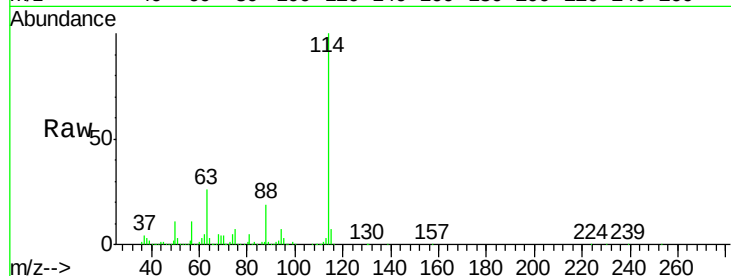




#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.38 min Scan# 1957
 Delta R.T. -0.02 min
 Lab File: VL032177.D
 Acq: 2 Jul 2018 11:48

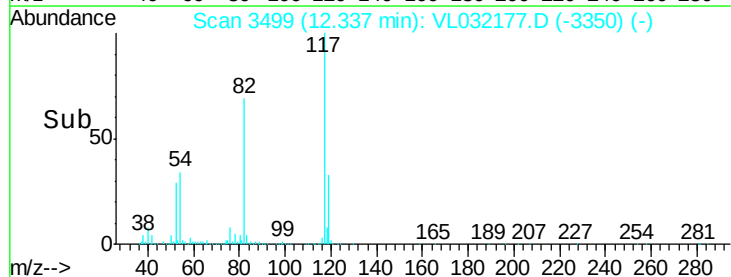
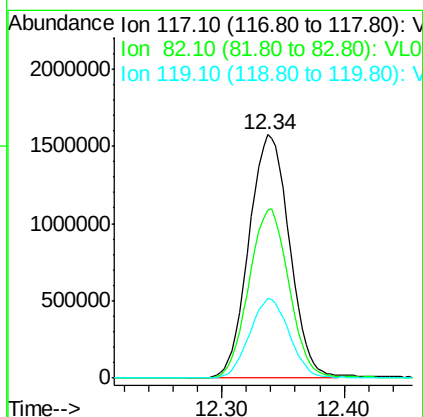
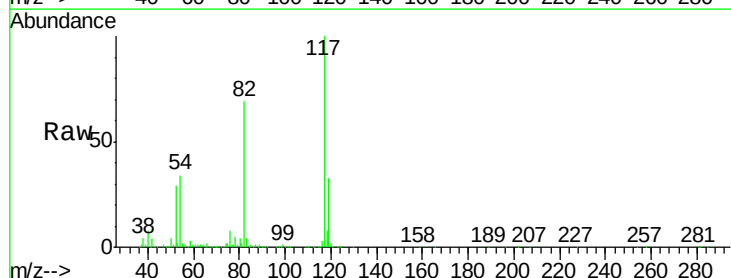
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0702ABL01

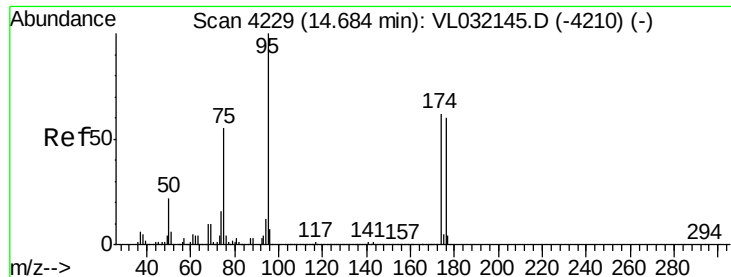
Tot Ion:114 Resp: 4109126
 Ion Ratio Lower Upper
 114 100
 63 26.7 19.1 28.7
 88 18.9 13.9 20.9



#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 12.34 min Scan# 3499
 Delta R.T. -0.02 min
 Lab File: VL032177.D
 Acq: 2 Jul 2018 11:48

Tgt Ion:117 Resp: 3619283
 Ion Ratio Lower Upper
 117 100
 82 69.4 47.8 71.8
 119 32.5 43.3 64.9#





#68

1-Bromo-4-Fluorobenzene

Concen: 10.20 ppbv

RT: 14.67 min Scan# 4226

Delta R.T. -0.02 min

Lab File: VL032177.D

Acq: 2 Jul 2018 11:48

Instrument :

MSVOA_L

ClientSampleId :

VL0702ABL01

Tot Ion: 95 Resp: 2823191

Ion Ratio Lower Upper

95 100

174 57.4 52.1 78.1

175 4.1 4.0 6.0

