

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101818\
 Data File : VL032666.D
 Acq On : 19 Oct 2018 3:04
 Operator : SY/AP
 Sample : J5578-01DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AA-1DL

Quant Time: Oct 19 04:30:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL101818AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Oct 19 01:25:37 2018
 QLast Update : Fri Oct 19 01:25:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1518865	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.31	114	3743781	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3678378	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.59	95	2721523	9.94	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.40%

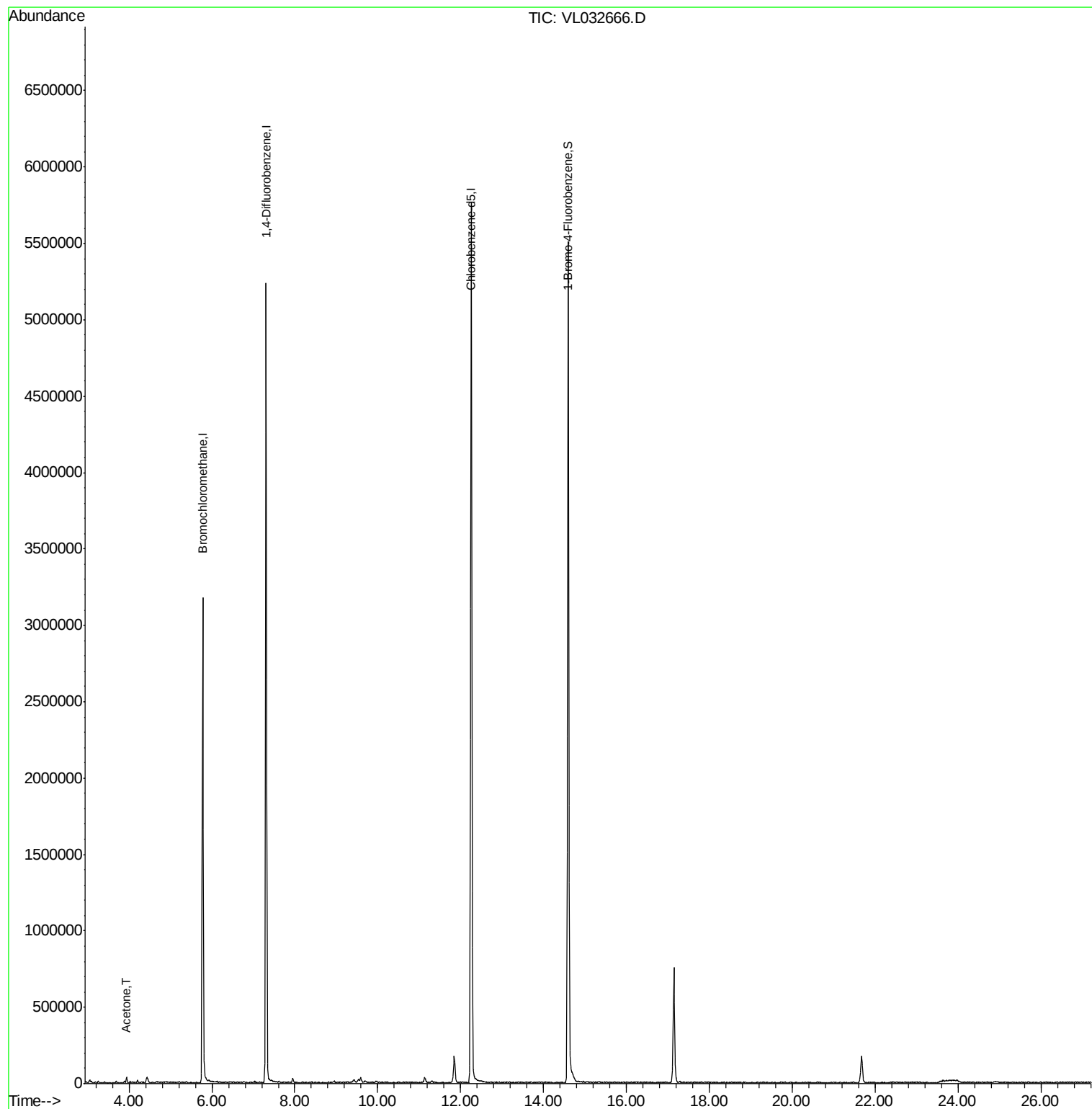
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.94	43	33011	0.235	ppbv	98

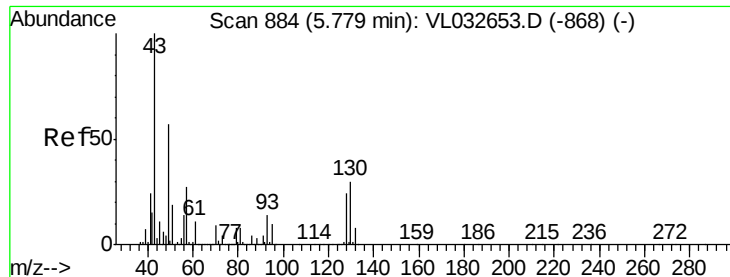
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 882

Delta R.T. -0.01 min

Lab File: VL032666.D

Acq: 19 Oct 2018 3:04

Instrument :

MSVOA_L

ClientSampleId :

AA-1DL

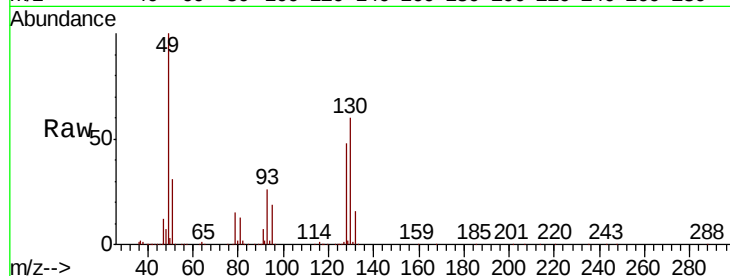
Tot Ion: 49 Resp: 1518865

Ion Ratio Lower Upper

49 100

128 48.9 22.3 66.8

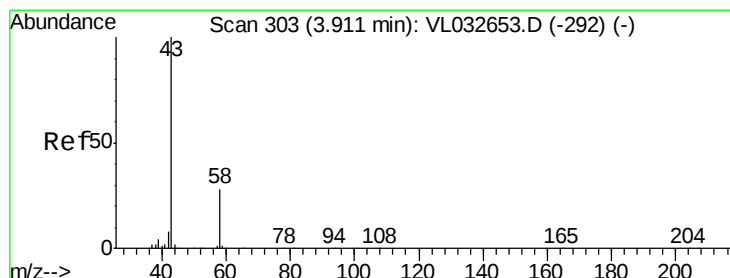
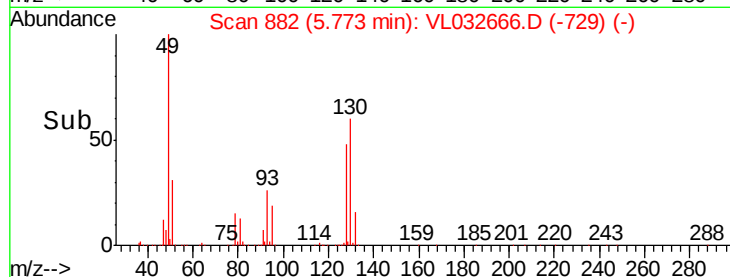
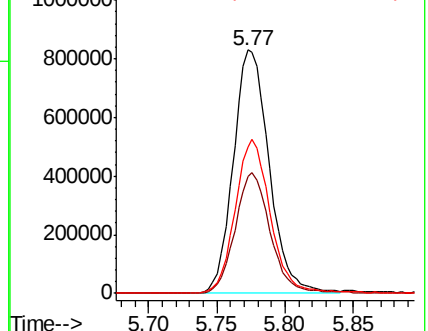
130 62.4 28.4 85.3



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



#15

Acetone

Concen: 0.235 ppbv

RT: 3.94 min Scan# 312

Delta R.T. 0.03 min

Lab File: VL032666.D

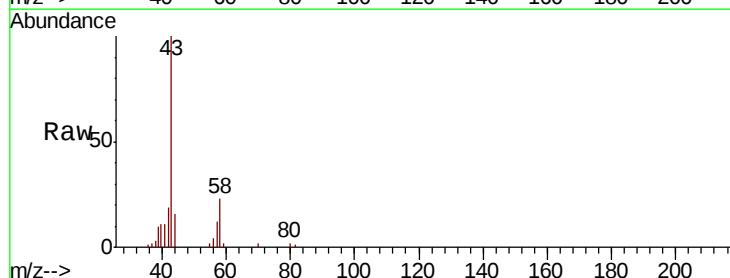
Acq: 19 Oct 2018 3:04

Tgt Ion: 43 Resp: 33011

Ion Ratio Lower Upper

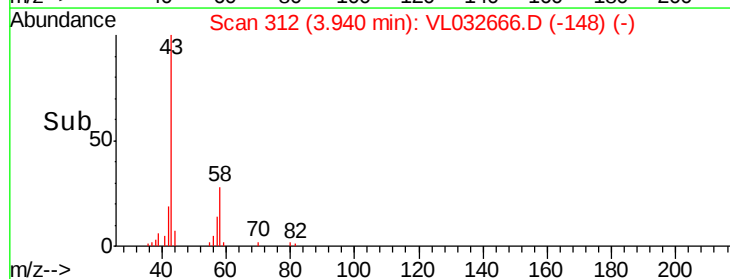
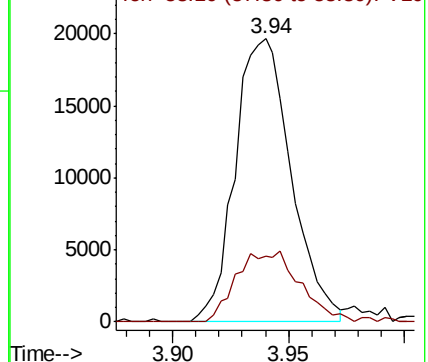
43 100

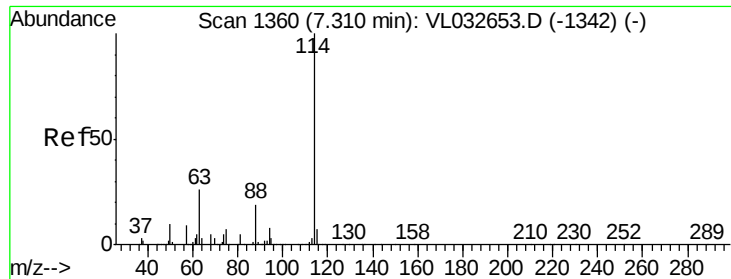
58 28.7 22.1 33.1



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

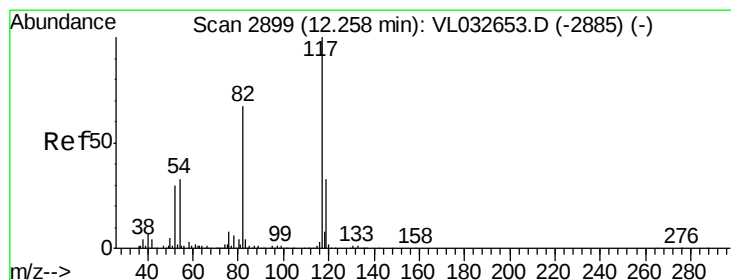
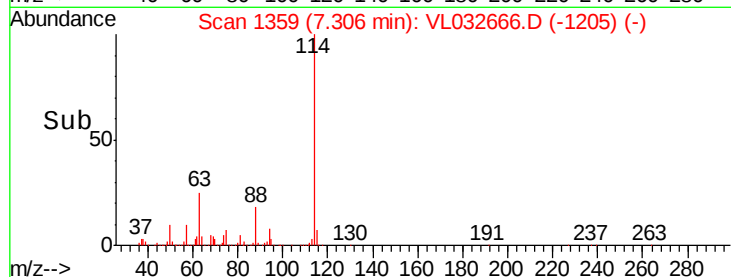
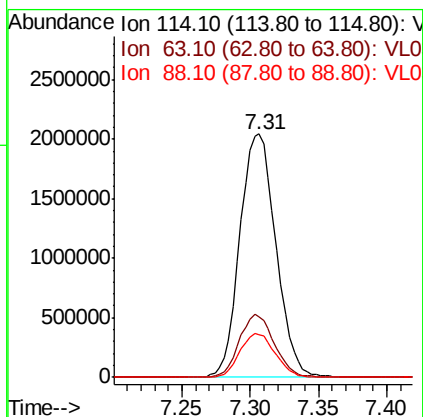
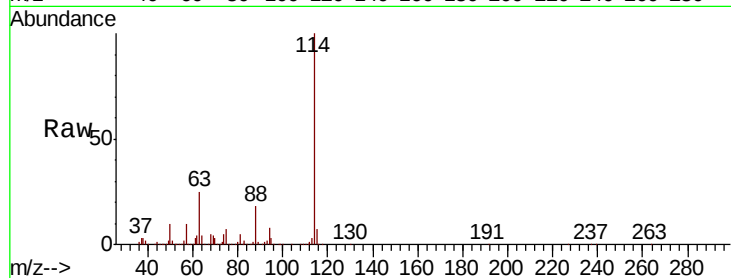




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.31 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VL032666.D
 Acq: 19 Oct 2018 3:04

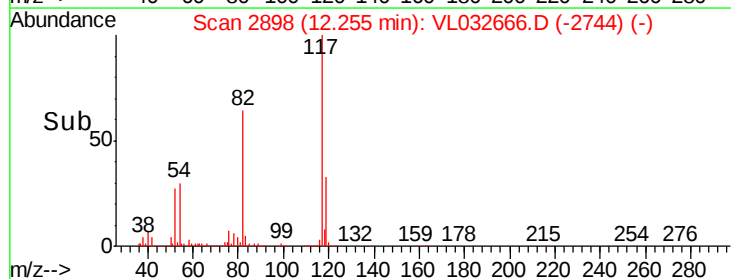
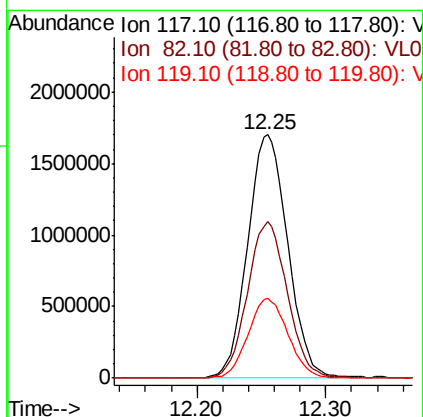
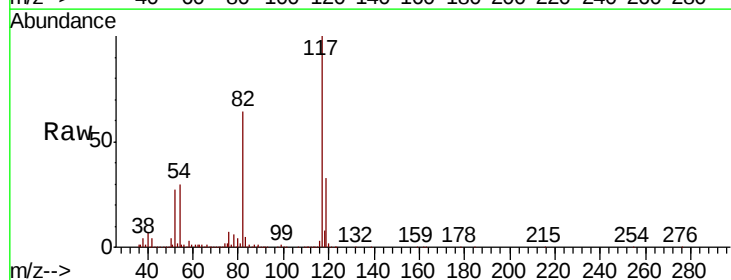
Instrument :
 MSVOA_L
 ClientSampleId :
 AA-1DL

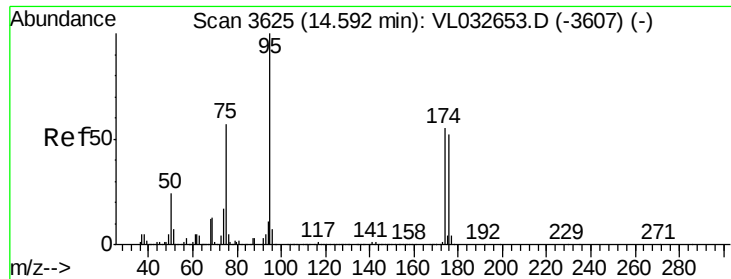
Tot Ion:114 Resp: 3743781
 Ion Ratio Lower Upper
 114 100
 63 25.4 21.7 32.5
 88 17.8 14.9 22.3



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.25 min Scan# 2898
 Delta R.T. -0.00 min
 Lab File: VL032666.D
 Acq: 19 Oct 2018 3:04

Tgt Ion:117 Resp: 3678378
 Ion Ratio Lower Upper
 117 100
 82 64.5 52.7 79.1
 119 32.9 26.7 40.1





#68

1-Bromo-4-Fluorobenzene

Concen: 9.937 ppbv

RT: 14.59 min Scan# 3625

Delta R.T. -0.00 min

Lab File: VL032666.D

Acq: 19 Oct 2018 3:04

Instrument :

MSVOA_L

ClientSampleId :

AA-1DL

Tot Ion: 95 Resp: 2721523

Ion Ratio Lower Upper

95 100

174 64.1 46.0 69.0

175 4.6 3.4 5.0

