

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031319\
Data File : VL033308.D
Acq On : 14 Mar 2019 9:38
Operator : SY/AP
Sample : VL0313ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0313ABL01

Quant Time: Mar 15 02:21:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL031319AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 14 00:01:31 2019
QLast Update : Thu Mar 14 00:01:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	722376	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1673116	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	1886655	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1509101	10.47	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.70%

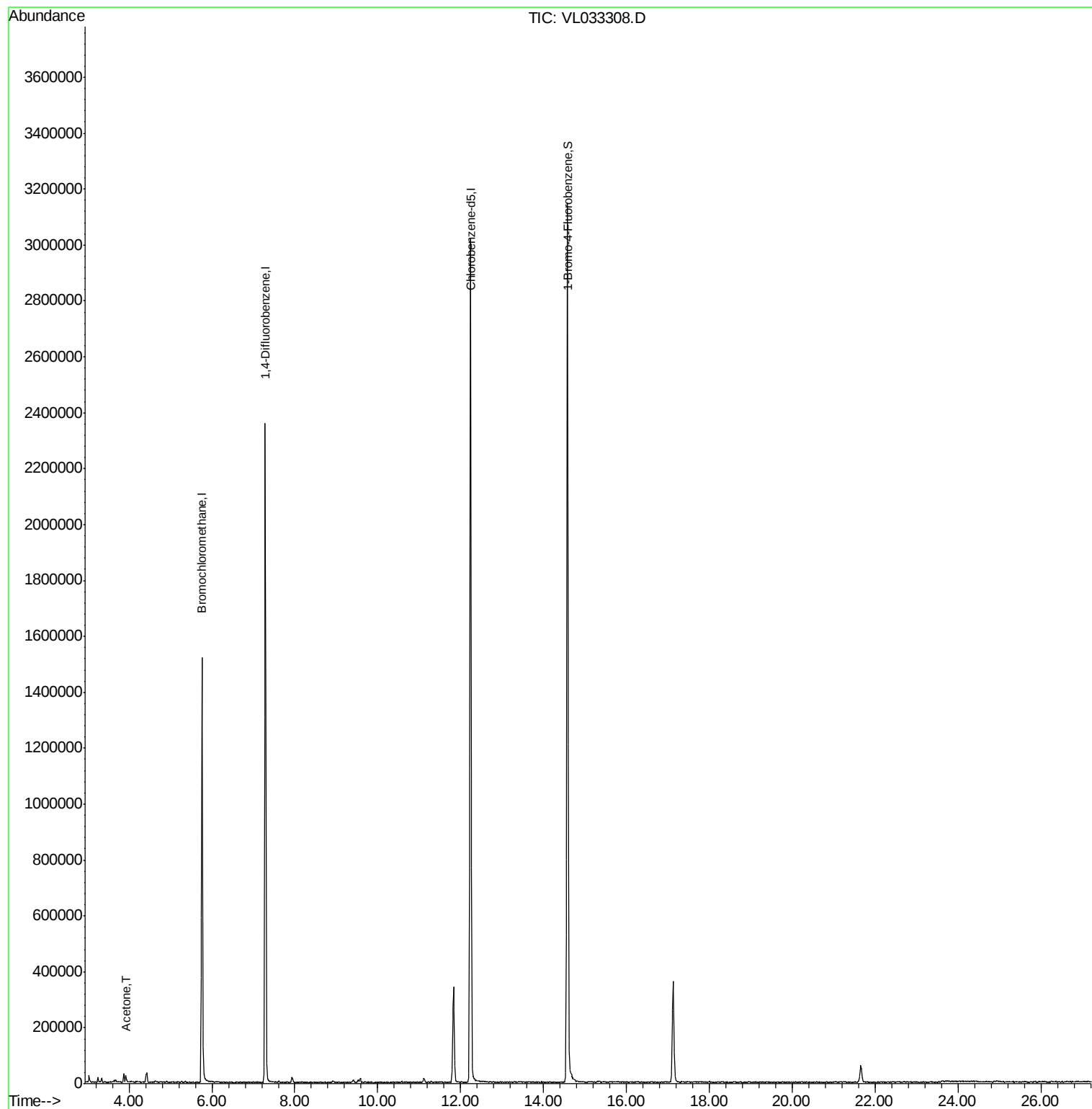
Target Compounds					Qvalue
15) Acetone	3.92	43	23750	0.239 ppbv	93

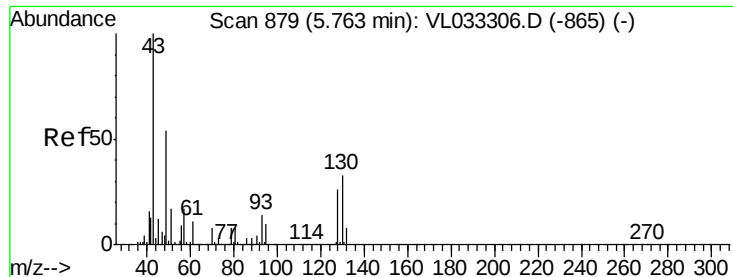
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 877

Delta R.T. -0.01 min

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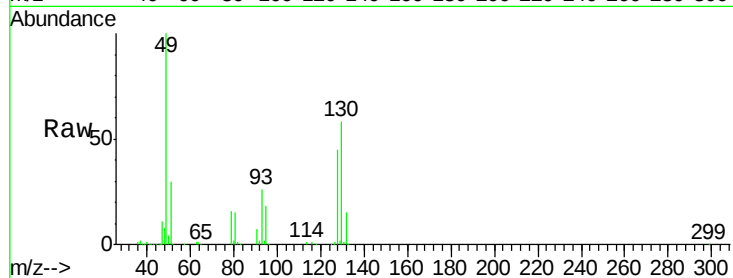
Tgt Ion: 49 Resp: 722376

Ion Ratio Lower Upper

49 100

128 46.7 23.4 70.3

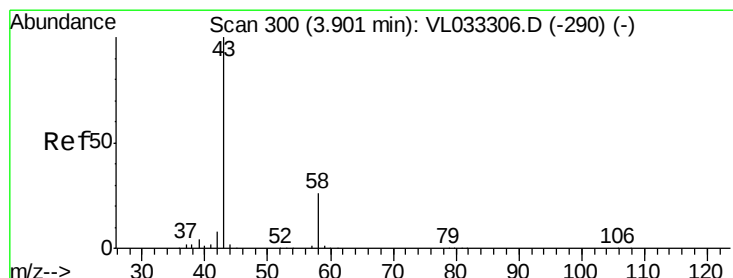
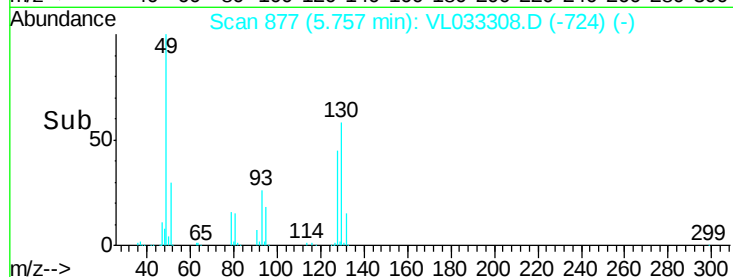
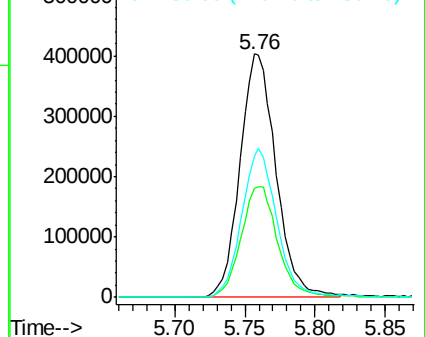
130 60.4 29.9 89.7



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: 0.239 ppbv

RT: 3.92 min Scan# 307

Delta R.T. 0.02 min

Lab File: VL033308.D

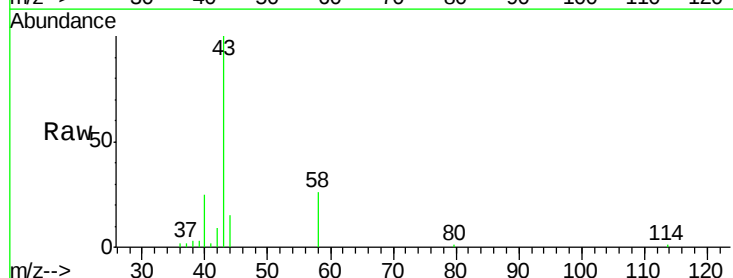
Acq: 14 Mar 2019 9:38

Tgt Ion: 43 Resp: 23750

Ion Ratio Lower Upper

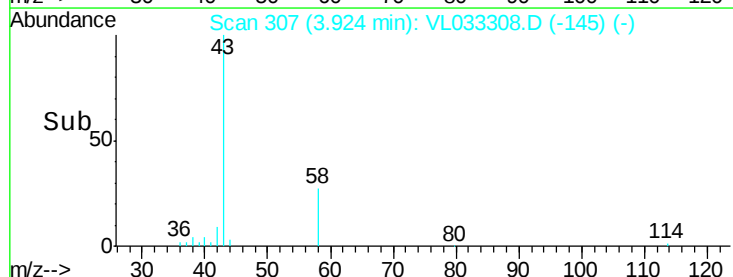
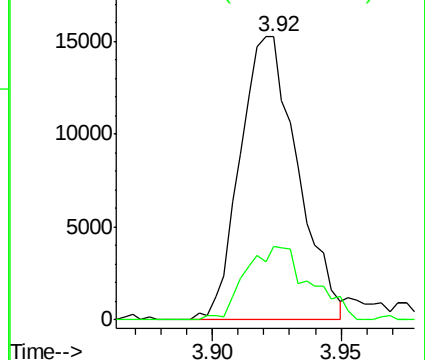
43 100

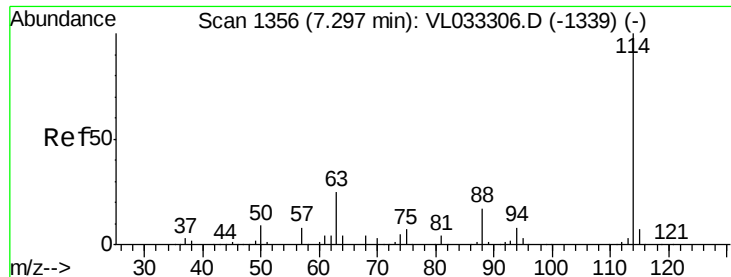
58 29.5 20.6 31.0



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

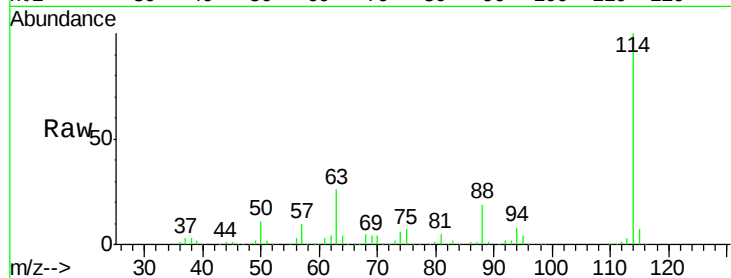




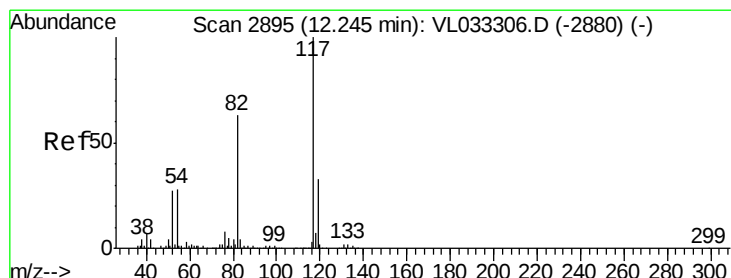
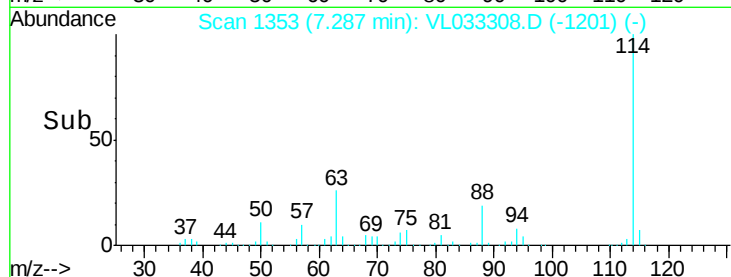
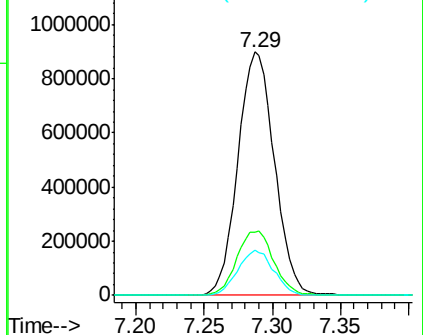
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.29 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: VL033308.D
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Instrument :
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Tgt Ion:114 Resp: 1673116
 Ion Ratio Lower Upper
 114 100
 63 26.9 21.3 31.9
 88 18.2 14.5 21.7

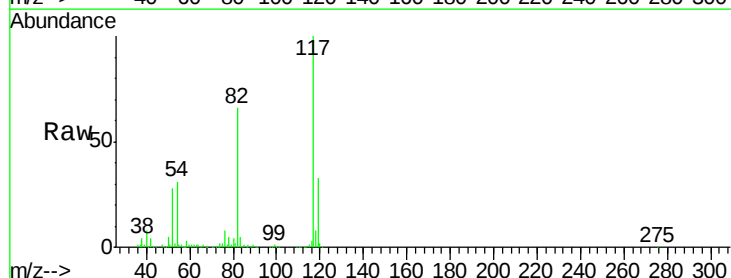


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

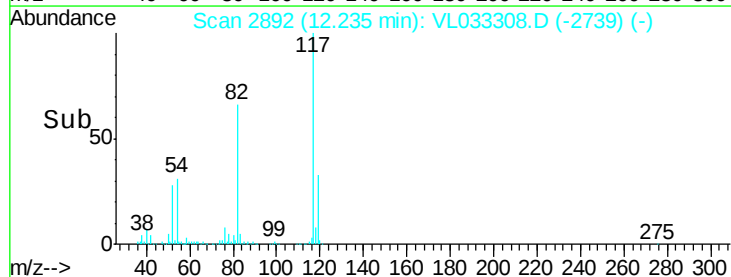
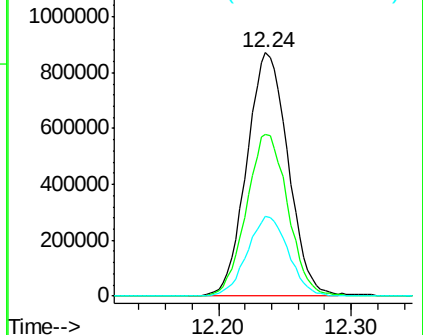


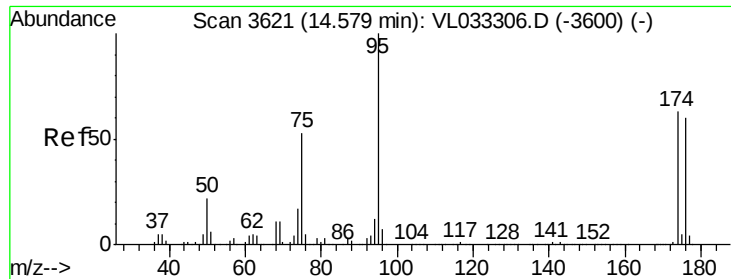
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.24 min Scan# 2892
 Delta R.T. -0.01 min
 Lab File: VL033308.D
 Acq: 14 Mar 2019 9:38

Tgt Ion:117 Resp: 1886655
 Ion Ratio Lower Upper
 117 100
 82 66.7 51.3 76.9
 119 32.8 27.0 40.4



Abundance Ion 117.10 (116.80 to 117.80): V
 Ion 82.10 (81.80 to 82.80): VL0
 Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.474 ppbv

RT: 14.58 min Scan# 3620

Delta R.T. -0.00 min

Lab File: VL033308.D

Acq: 14 Mar 2019 9:38

Instrument :

MSVOA_L

ClientSampleId :

VL0313ABL01

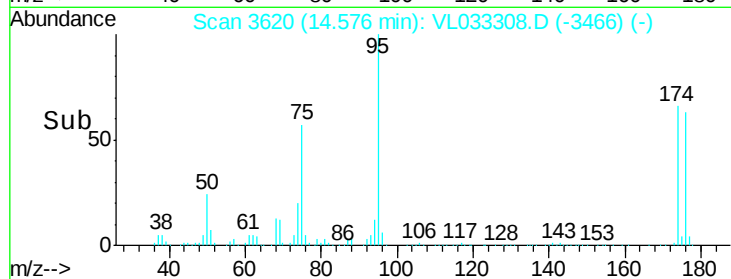
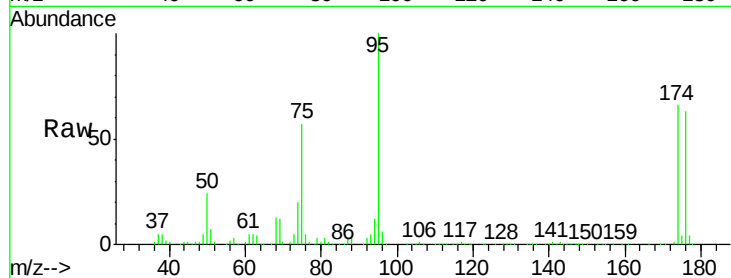
Tgt Ion: 95 Resp: 1509101

Ion Ratio Lower Upper

95 100

174 64.9 51.9 77.9

175 4.7 3.9 5.9



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

