

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051419\
 Data File : VL033686.D
 Acq On : 14 May 2019 11:40
 Operator : SY/AP
 Sample : VL0514ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0514ABL01

Quant Time: May 15 02:42:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050619AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon May 06 15:19:01 2019
 QLast Update : Mon May 06 15:19:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	870366	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	2018295	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2053235	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1559983	9.27	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.70%

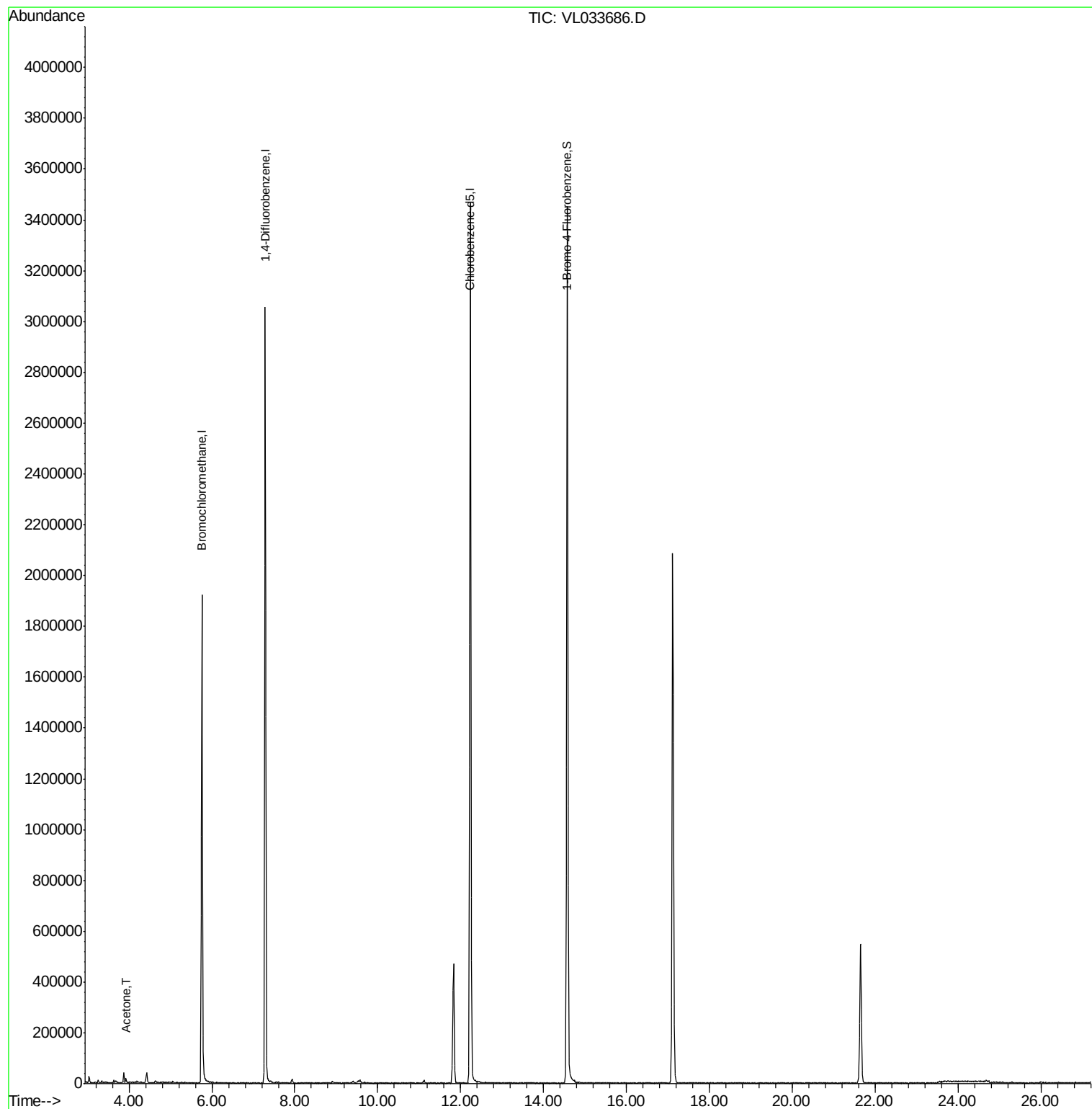
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.93	43	17131	0.132	ppbv	93

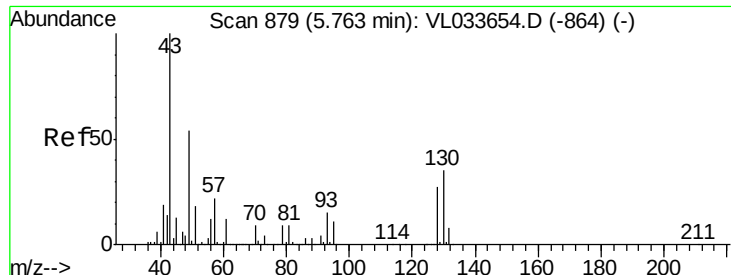
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 877

Delta R.T. -0.01 min

Lab File: VL033686.D

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MSVOA_L

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VL0514ABL01

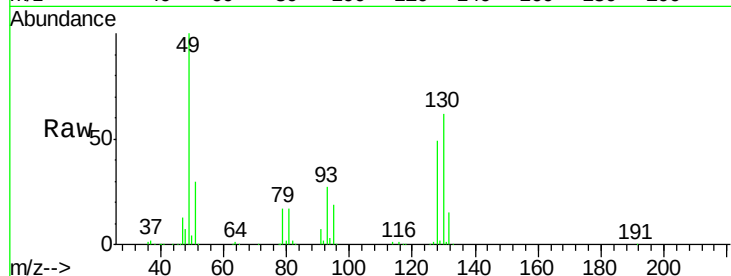
Tot Ion: 49 Resp: 870366

Ion Ratio Lower Upper

49 100

128 49.9 24.8 74.3

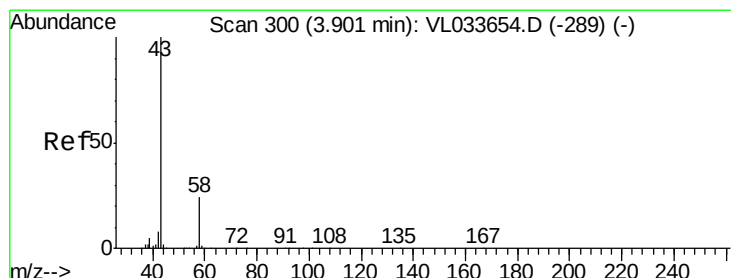
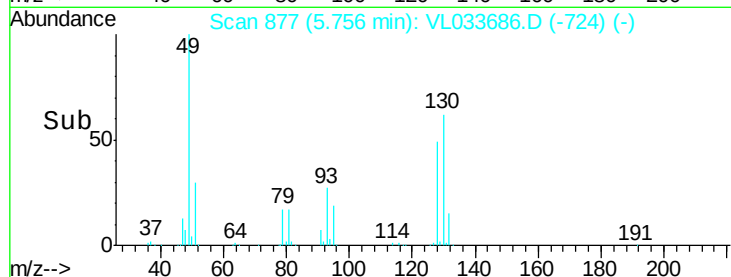
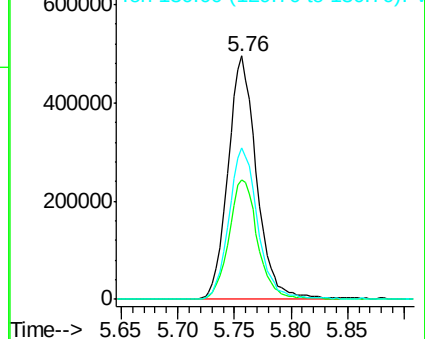
130 63.3 32.1 96.5



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: 0.132 ppbv

RT: 3.93 min Scan# 308

Delta R.T. 0.03 min

Lab File: VL033686.D

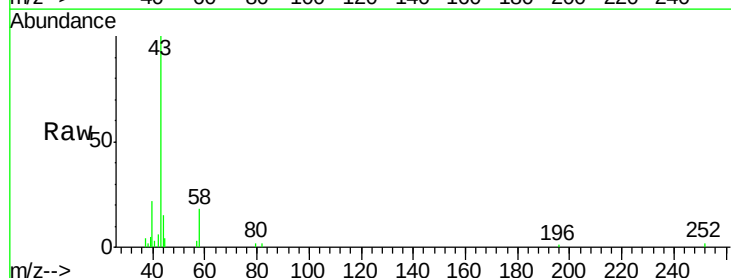
Acq: 14 May 2019 11:40

Tgt Ion: 43 Resp: 17131

Ion Ratio Lower Upper

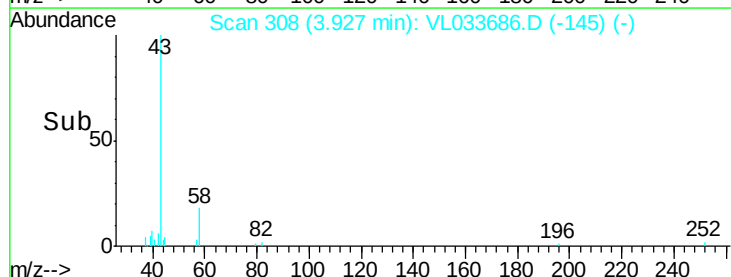
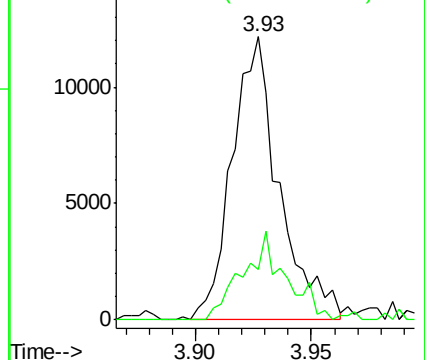
43 100

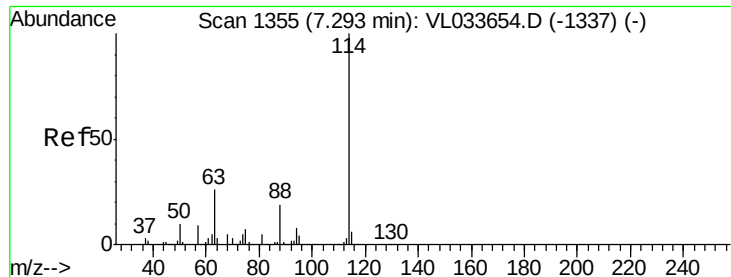
58 29.5 20.9 31.3



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

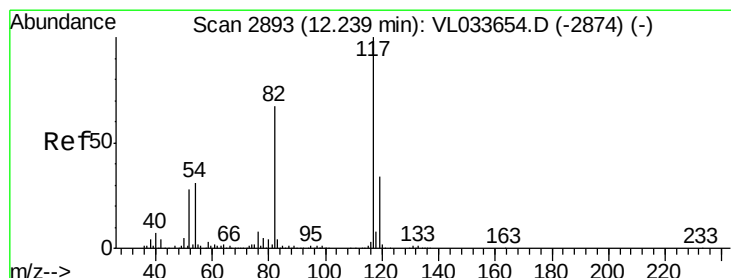
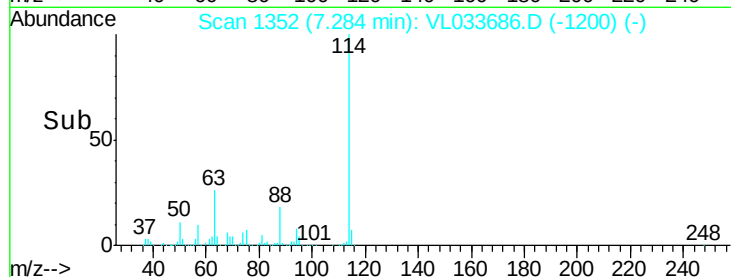
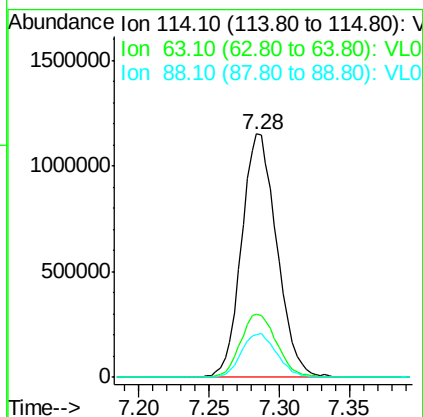
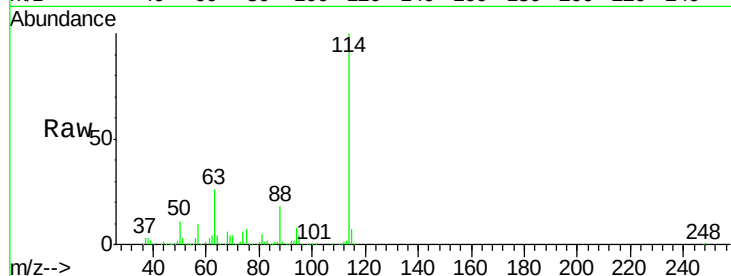




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.28 min Scan# 1352
 Delta R.T. -0.01 min
 Lab File: VL033686.D
 Acq: 14 May 2019 11:40

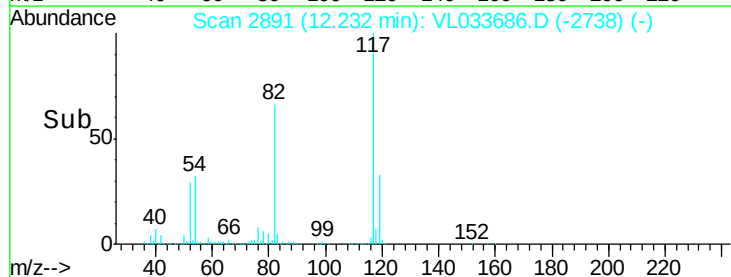
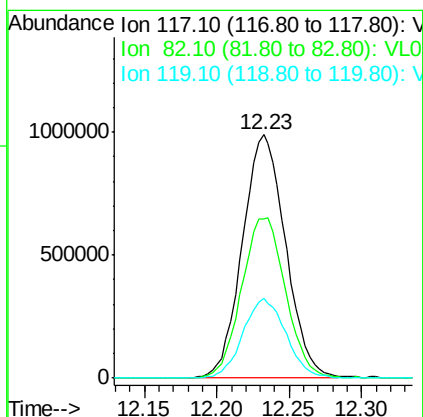
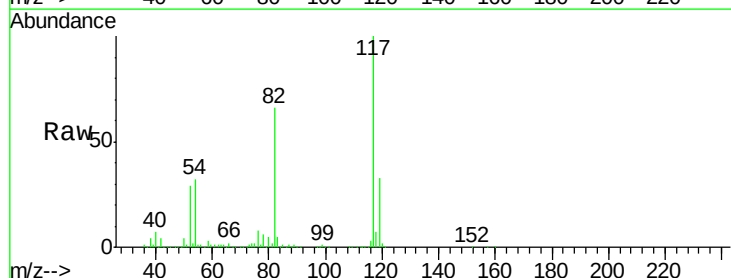
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0514ABL01

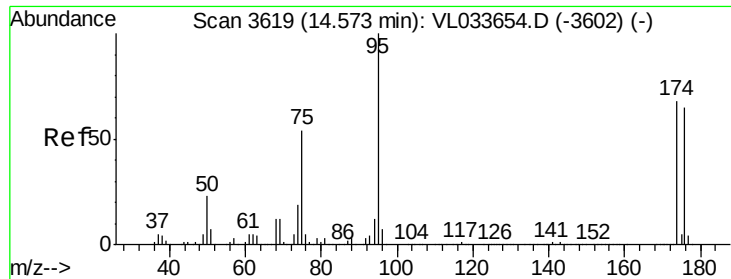
Tot Ion:114 Resp: 2018295
 Ion Ratio Lower Upper
 114 100
 63 26.7 21.3 31.9
 88 18.1 14.4 21.6



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.23 min Scan# 2891
 Delta R.T. -0.01 min
 Lab File: VL033686.D
 Acq: 14 May 2019 11:40

Tgt Ion:117 Resp: 2053235
 Ion Ratio Lower Upper
 117 100
 82 67.6 49.7 74.5
 119 32.8 24.8 37.2





#68

1-Bromo-4-Fluorobenzene

Concen: 9.269 ppbv

RT: 14.57 min Scan# 3617

Delta R.T. -0.01 min

Lab File: VL033686.D

Acq: 14 May 2019 11:40

Instrument :

MSVOA_L

ClientSampleId :

VL0514ABL01

Tot Ion: 95 Resp: 1559983

Ion Ratio Lower Upper

95 100

174 66.6 54.0 81.0

175 4.7 3.8 5.8

