

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050719\
 Data File : VL033678.D
 Acq On : 7 May 2019 12:22
 Operator : SY/AP
 Sample : VL0507ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0507ABL01

Quant Time: May 08 03:20:24 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	911638	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	2112168	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2073123	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1801375	10.60	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.00%

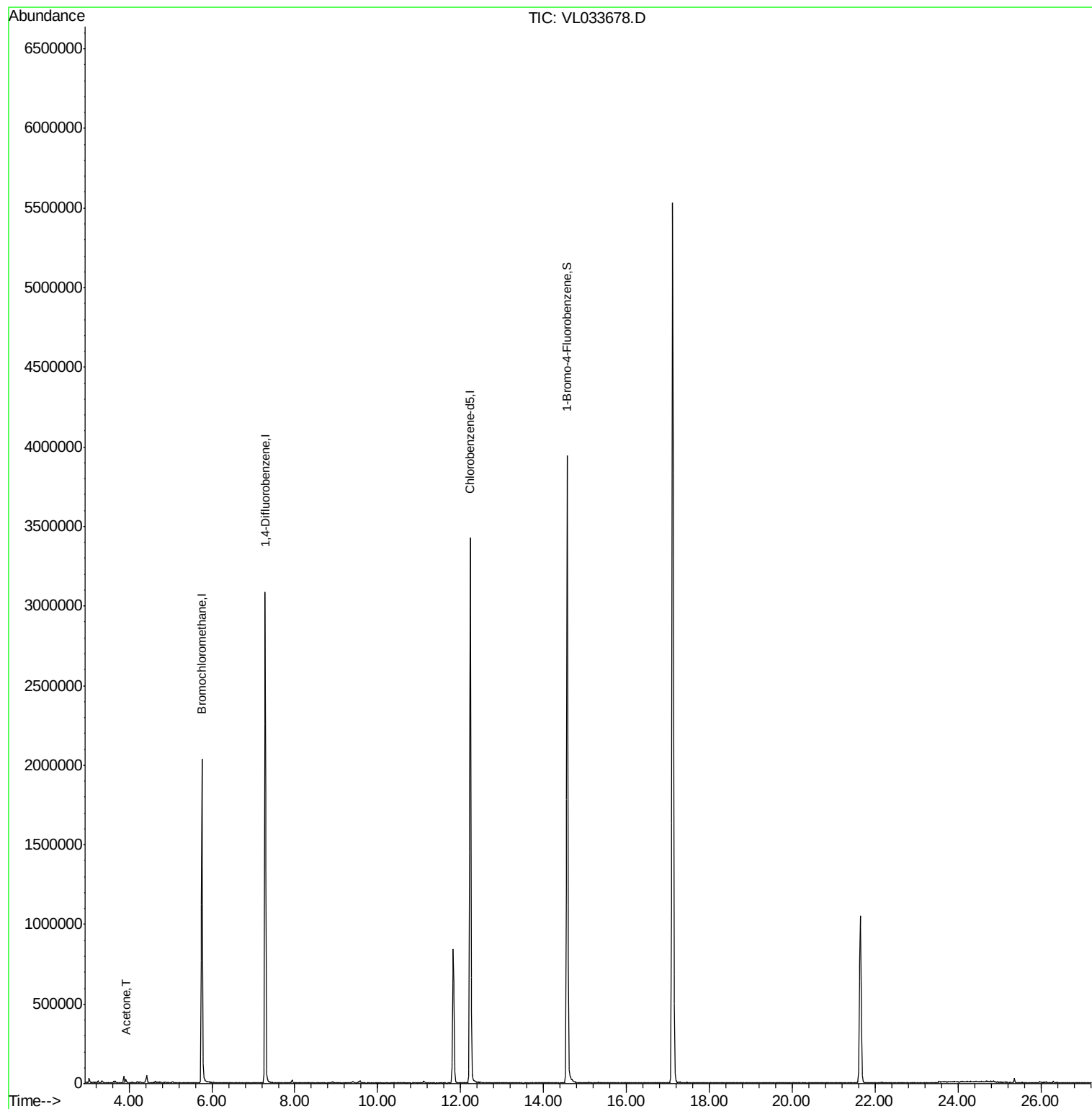
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.92	43	21846	0.161	ppbv	# 86

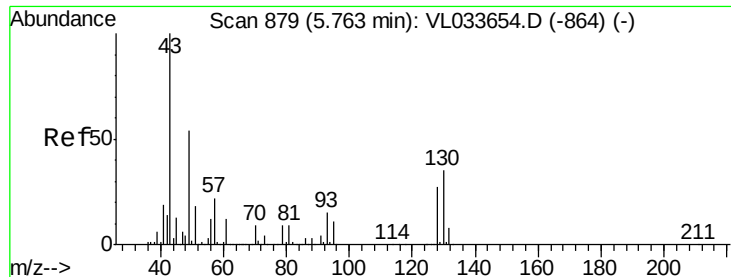
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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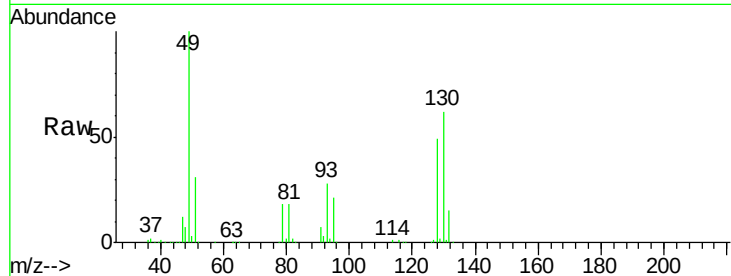
Tot Ion: 49 Resp: 911638

Ion Ratio Lower Upper

49 100

128 50.3 24.8 74.3

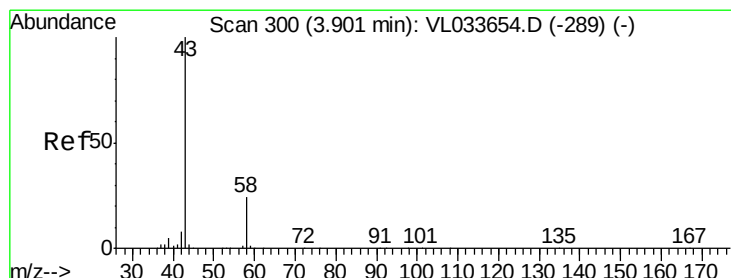
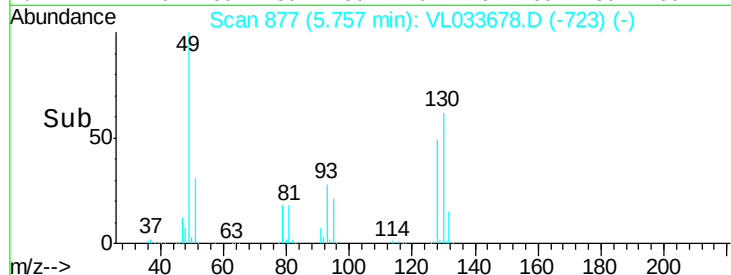
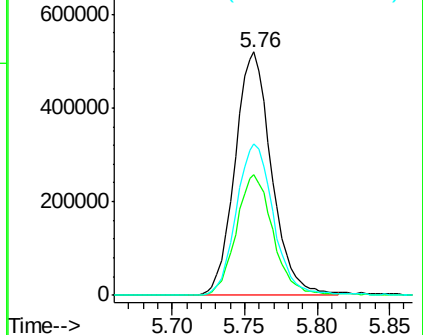
130 64.7 32.1 96.5



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: 0.161 ppbv

RT: 3.92 min Scan# 306

Delta R.T. 0.02 min

Lab File: VL033678.D

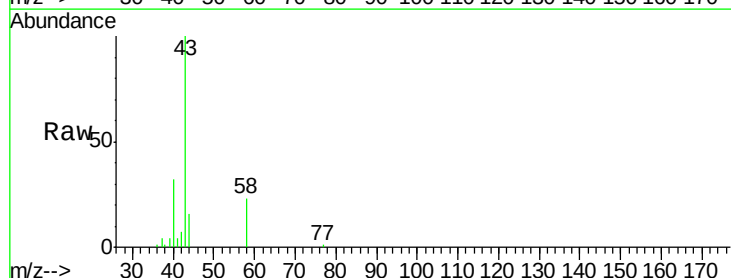
Acq: 7 May 2019 12:22

Tgt Ion: 43 Resp: 21846

Ion Ratio Lower Upper

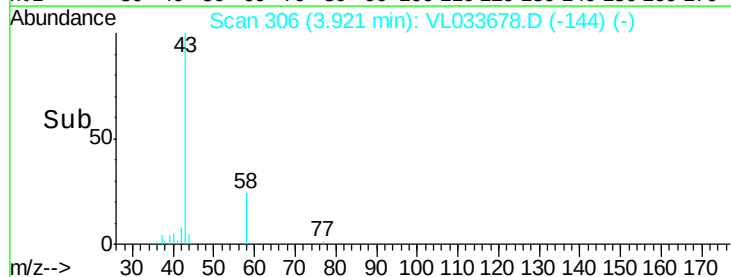
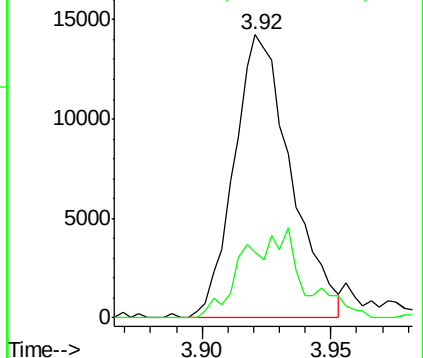
43 100

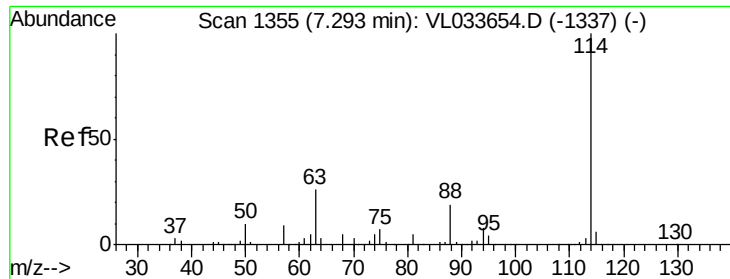
58 33.5 20.9 31.3#



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

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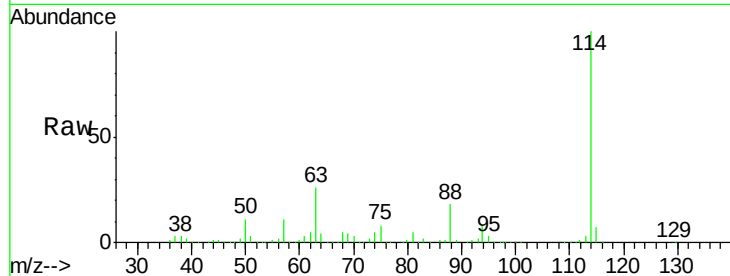
Tot Ion:114 Resp: 2112168

Ion Ratio Lower Upper

114 100

63 26.7 21.3 31.9

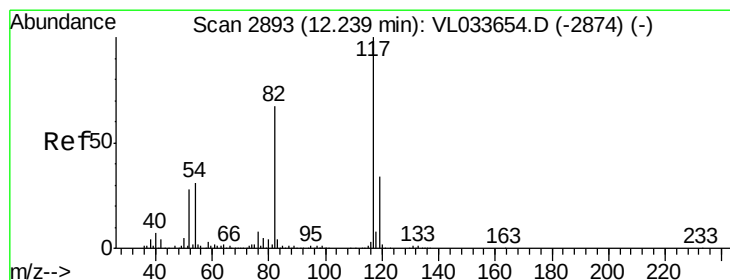
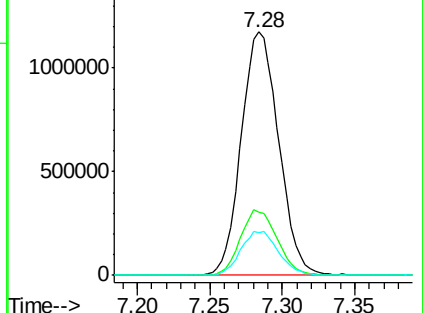
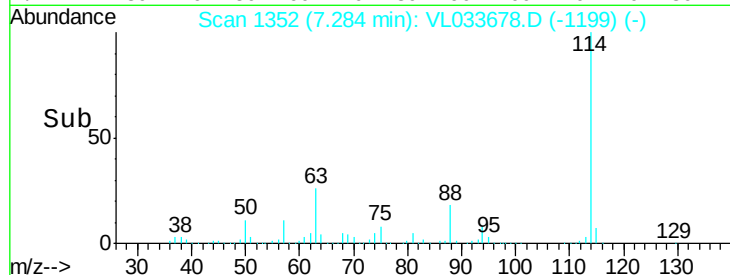
88 18.2 14.4 21.6



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: 12.23 min Scan# 2891

Delta R.T. -0.01 min

Lab File: VL033678.D

Acq: 7 May 2019 12:22

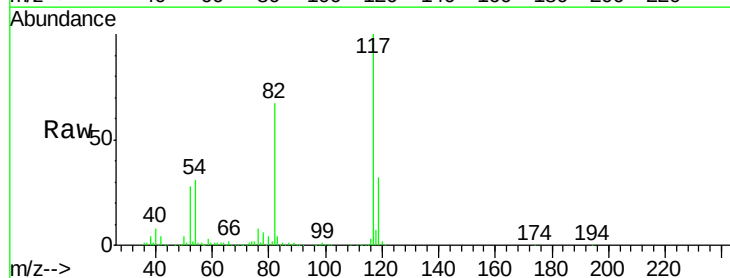
Tgt Ion:117 Resp: 2073123

Ion Ratio Lower Upper

117 100

82 67.6 49.7 74.5

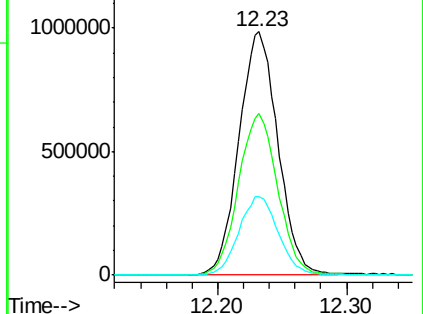
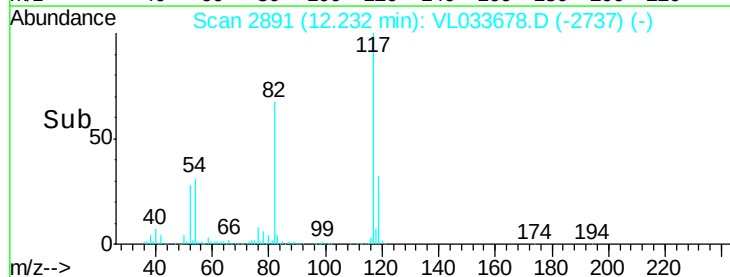
119 32.8 24.8 37.2

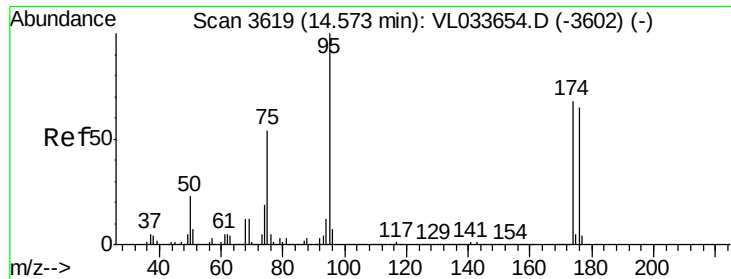


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.600 ppbv

RT: 14.57 min Scan# 3617

Delta R.T. -0.01 min

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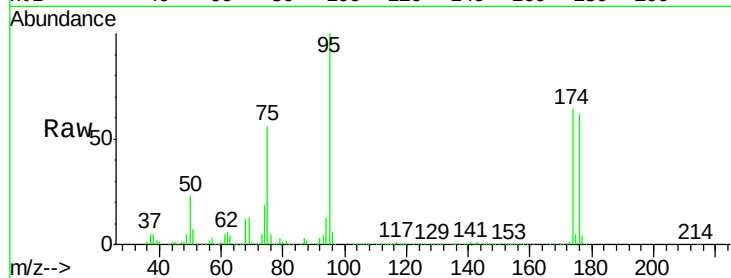
Tot Ion: 95 Resp: 1801375

Ion Ratio Lower Upper

95 100

174 66.5 54.0 81.0

175 4.9 3.8 5.8



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

