

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052019\
 Data File : VL033722.D
 Acq On : 20 May 2019 12:54
 Operator : SY/AP
 Sample : VL0520ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0520ABL01

Quant Time: May 21 01:42:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri May 17 08:15:41 2019
 QLast Update : Fri May 17 08:15:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.75	49	1042942	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	2436257	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2486566	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.56	95	1995321	9.90	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.00%

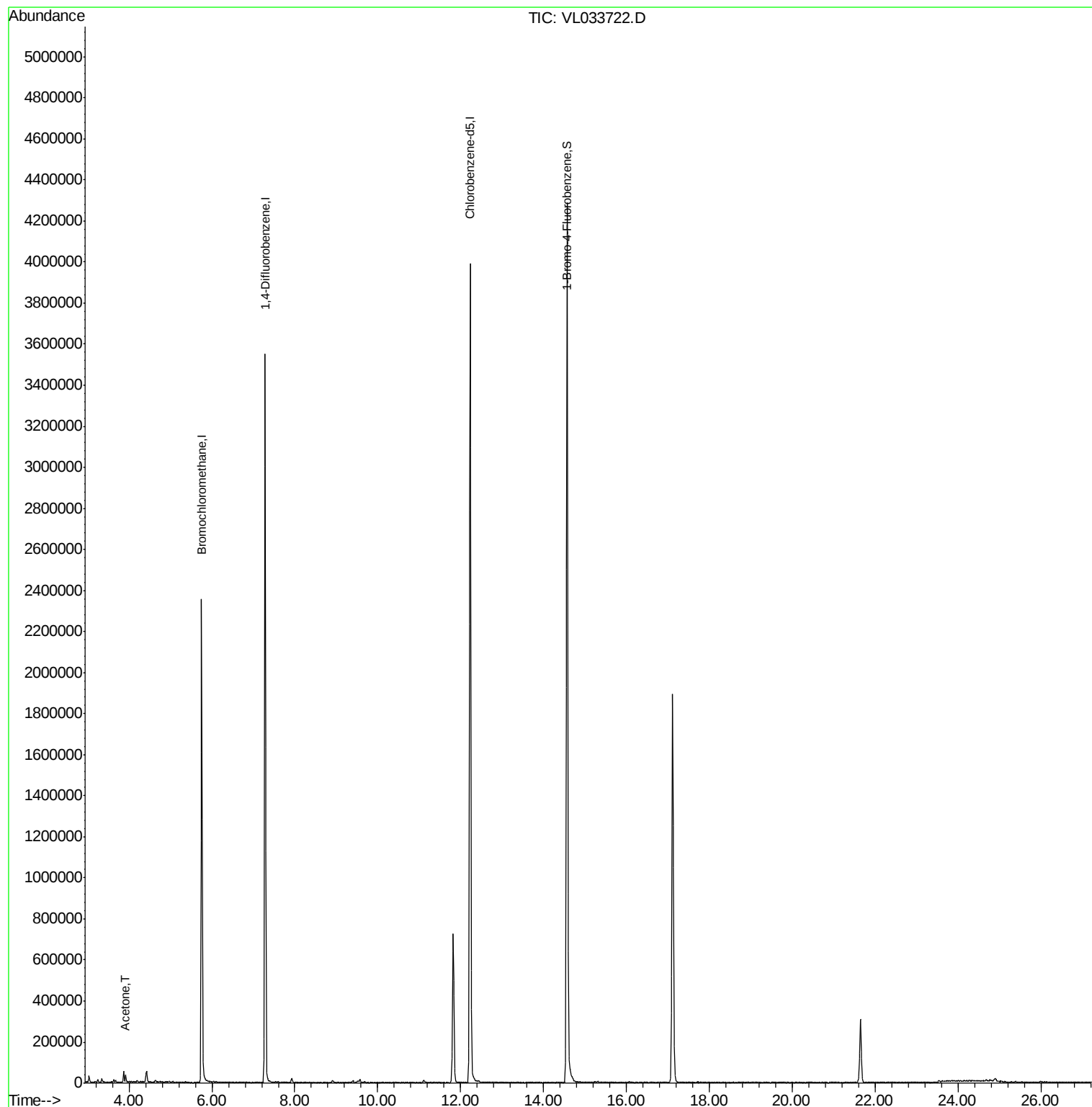
Target Compounds					Ovalue
15) Acetone	3.91	43	35023	0.242 ppbv	92

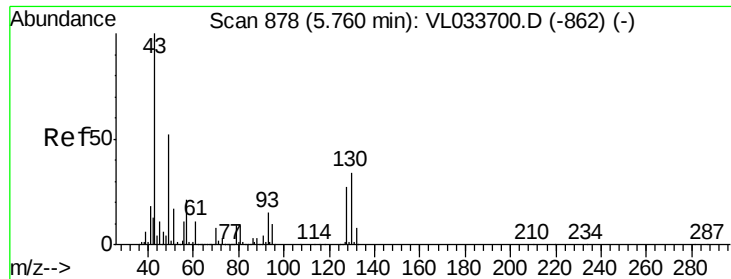
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.75 min Scan# 876

Delta R.T. -0.01 min

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Instrument :

MSVOA_L

ClientSampleId :

VL0520ABL01

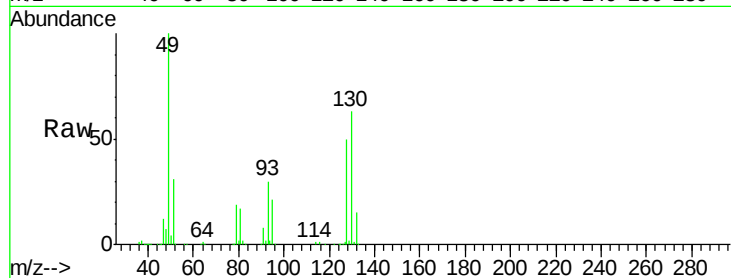
Tot Ion: 49 Resp: 1042942

Ion Ratio Lower Upper

49 100

128 50.6 25.2 75.6

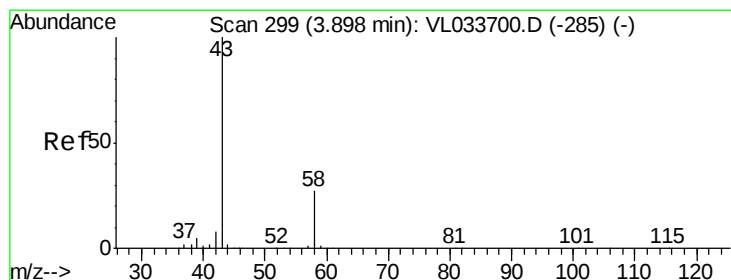
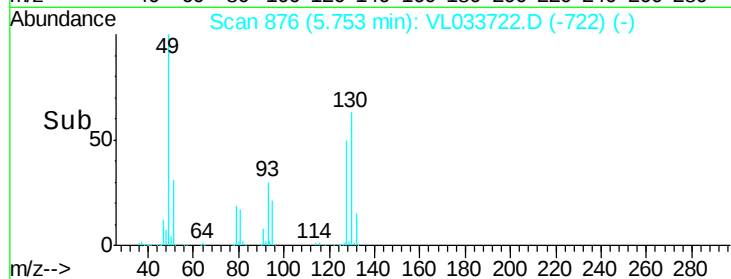
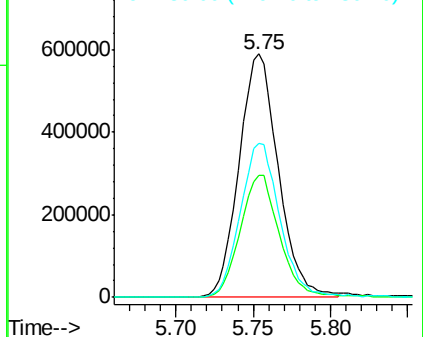
130 64.2 32.5 97.5



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: 0.242 ppbv

RT: 3.91 min Scan# 304

Delta R.T. 0.02 min

Lab File: VL033722.D

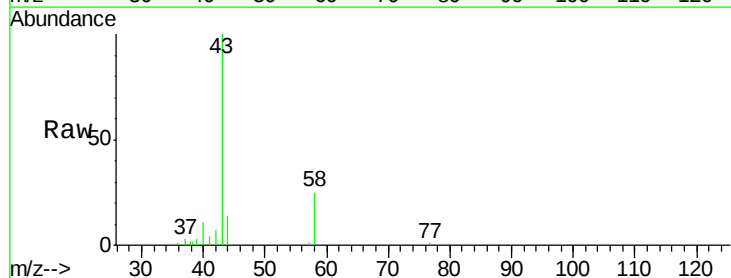
Acq: 20 May 2019 12:54

Tgt Ion: 43 Resp: 35023

Ion Ratio Lower Upper

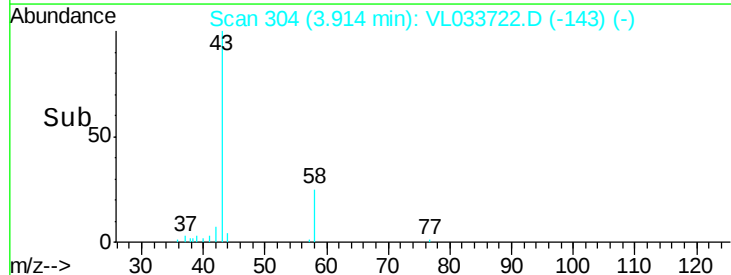
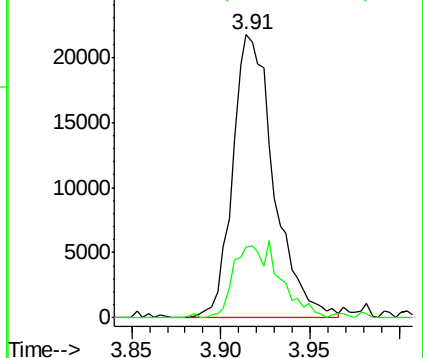
43 100

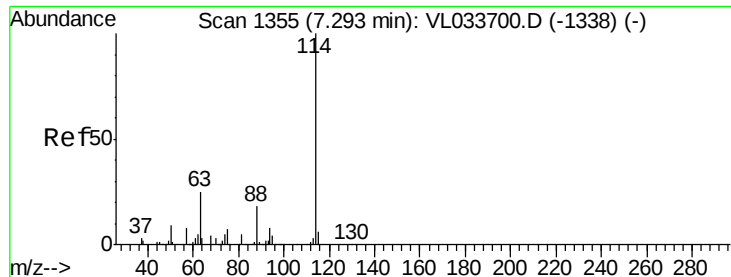
58 30.6 21.3 31.9



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

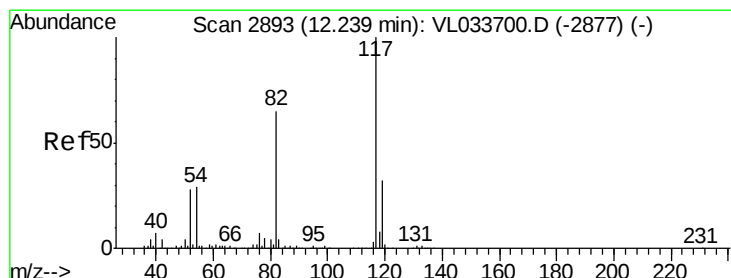
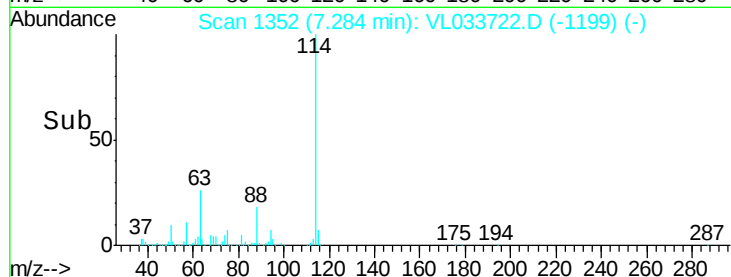
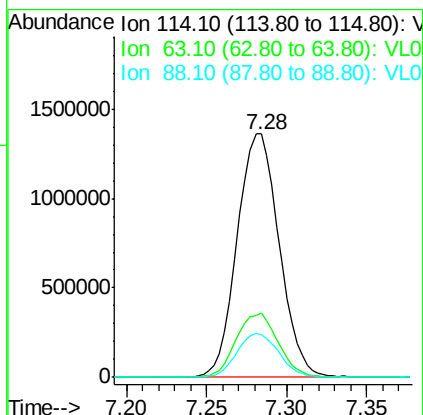
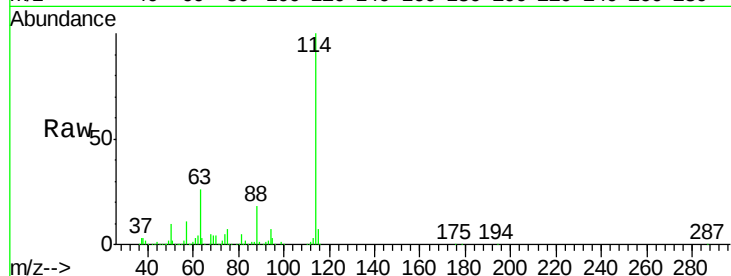




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.28 min Scan# 1352
 Delta R.T. -0.01 min
 Lab File: VL033722.D
 Acq: 20 May 2019 12:54

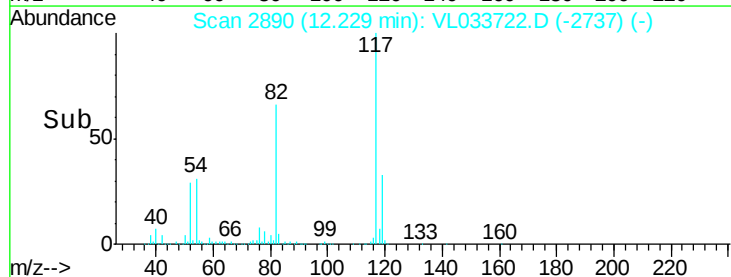
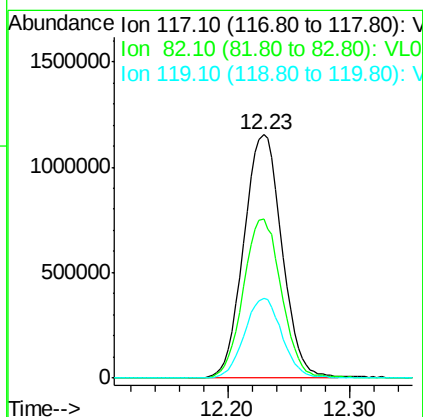
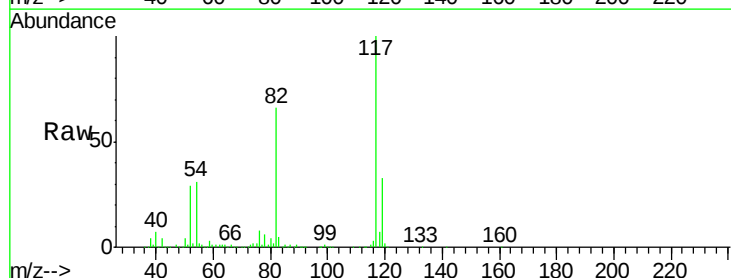
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0520ABL01

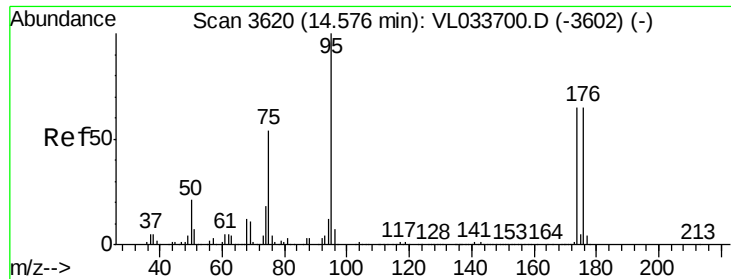
Tot Ion:114 Resp: 2436257
 Ion Ratio Lower Upper
 114 100
 63 26.4 20.9 31.3
 88 18.0 14.3 21.5



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.23 min Scan# 2890
 Delta R.T. -0.01 min
 Lab File: VL033722.D
 Acq: 20 May 2019 12:54

Tgt Ion:117 Resp: 2486566
 Ion Ratio Lower Upper
 117 100
 82 66.2 49.4 74.0
 119 32.5 24.9 37.3





#68

1-Bromo-4-Fluorobenzene

Concen: 9.898 ppbv

RT: 14.56 min Scan# 3616

Delta R.T. -0.01 min

Lab File: VL033722.D

Acq: 20 May 2019 12:54

Instrument :

MSVOA_L

ClientSampleId :

VL0520ABL01

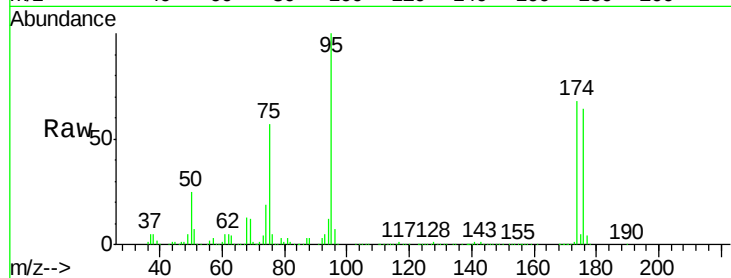
Tot Ion: 95 Resp: 1995321

Ion Ratio Lower Upper

95 100

174 67.8 53.9 80.9

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

