

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091219\
 Data File : VL034167.D
 Acq On : 12 Sep 2019 21:38
 Operator : SY/AP
 Sample : K4775-04DL2DUP 200X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV4DL2DUP

Quant Time: Sep 13 10:50:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL090519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Sep 05 10:21:45 2019
 QLast Update : Thu Sep 05 10:21:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.70	49	1219427	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.22	114	2014169	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.17	117	1986553	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.50	95	1742604	10.73	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.30%

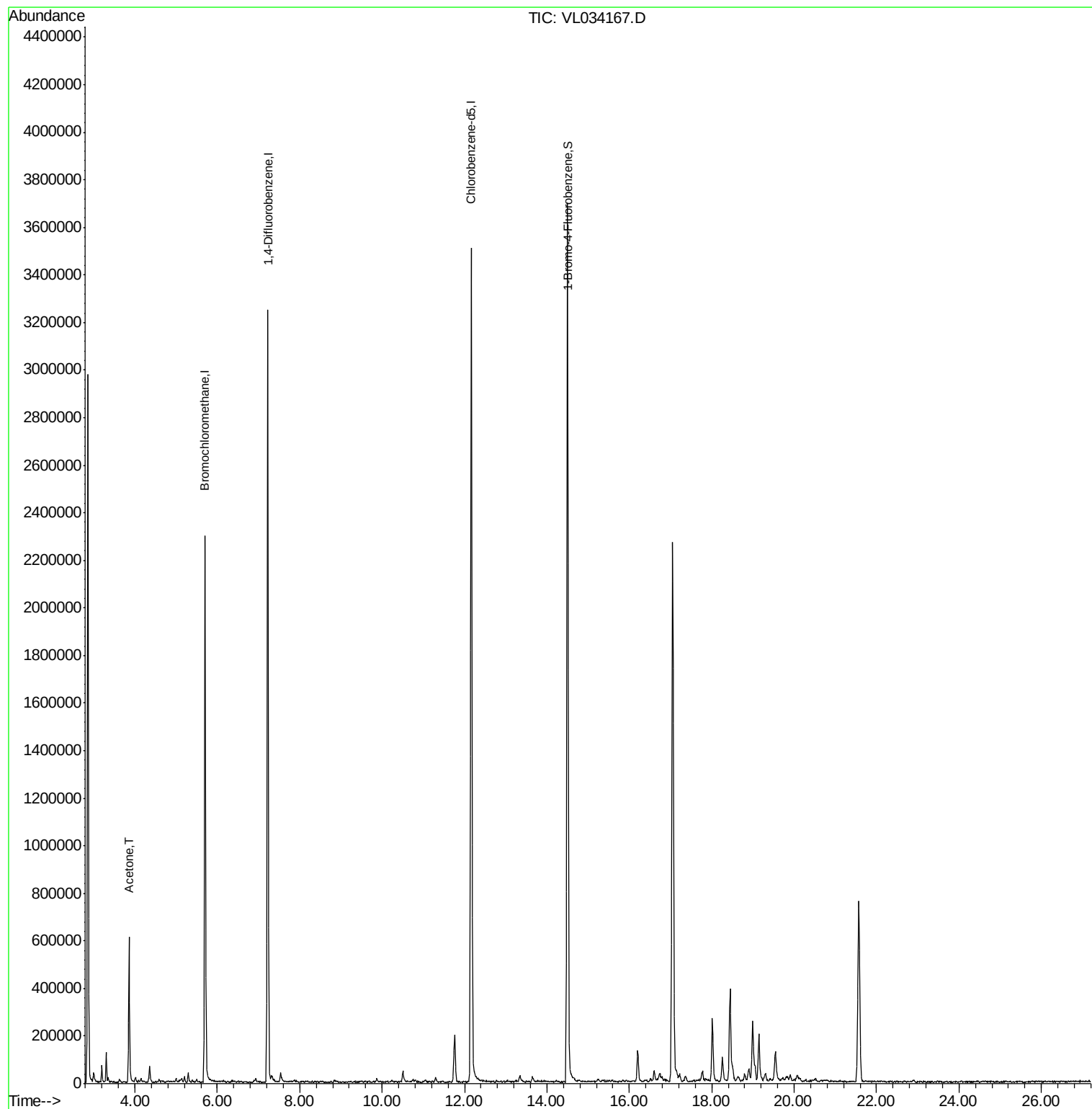
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.85	43	620691	4.223	ppbv	99

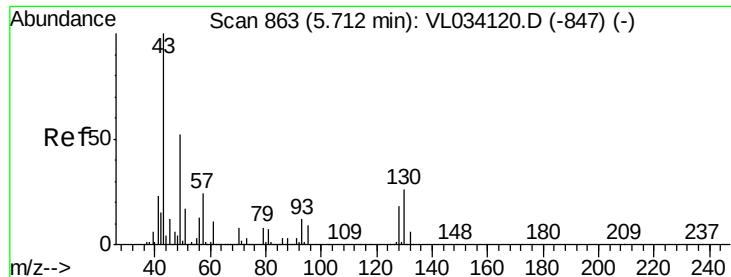
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 05 10:21:45 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.70 min Scan# 906

Delta R.T. -0.01 min

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Instrument :

MSVOA_L

ClientSampleId :

SV4DL2DUP

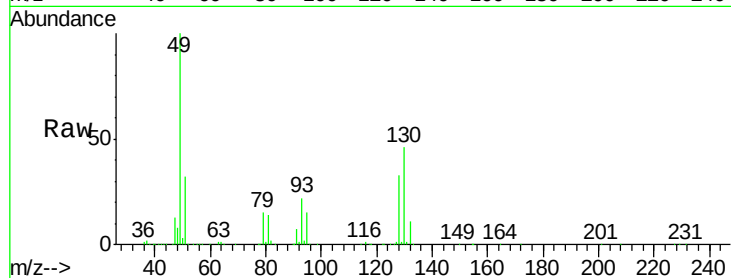
Tot Ion: 49 Resp: 1219427

Ion Ratio Lower Upper

49 100

128 34.3 18.4 55.0

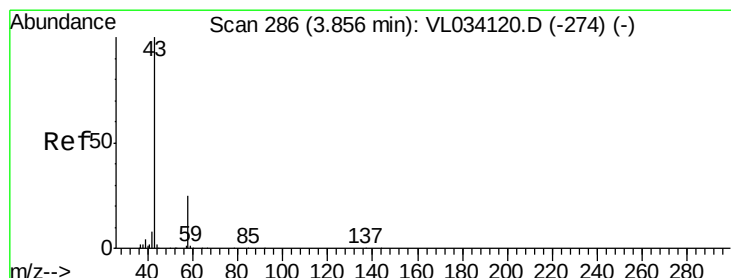
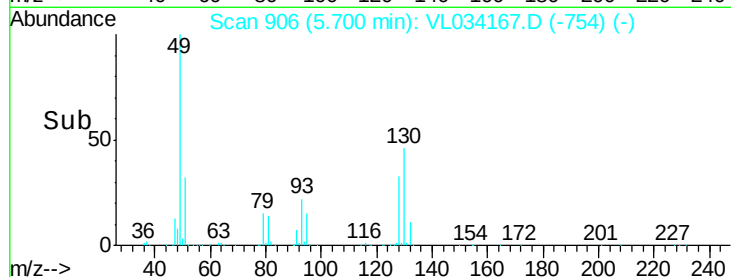
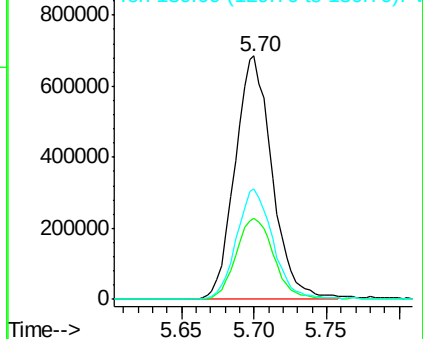
130 45.2 23.5 70.6



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: 4.223 ppbv

RT: 3.85 min Scan# 332

Delta R.T. -0.00 min

Lab File: VL034167.D

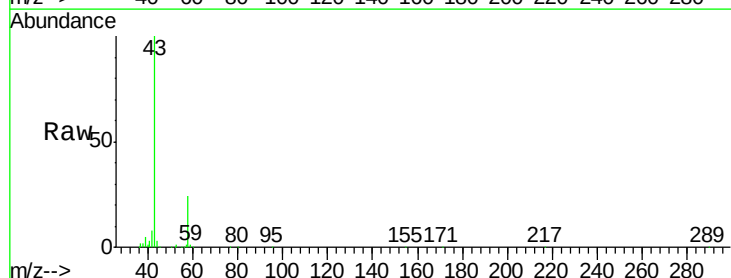
Acq: 12 Sep 2019 21:38

Tgt Ion: 43 Resp: 620691

Ion Ratio Lower Upper

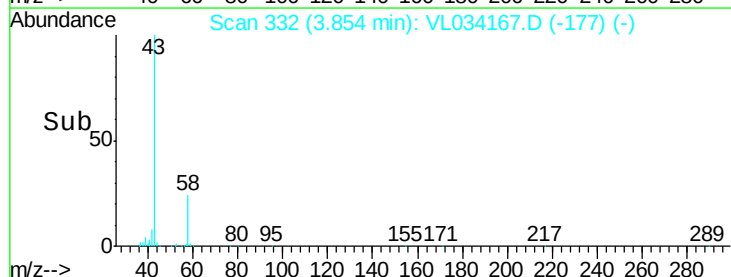
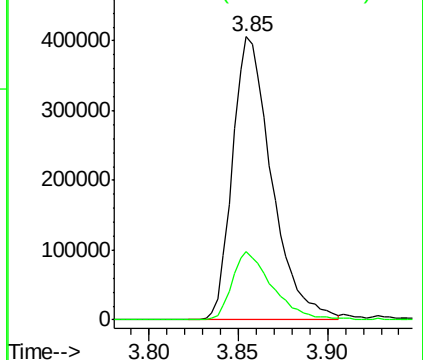
43 100

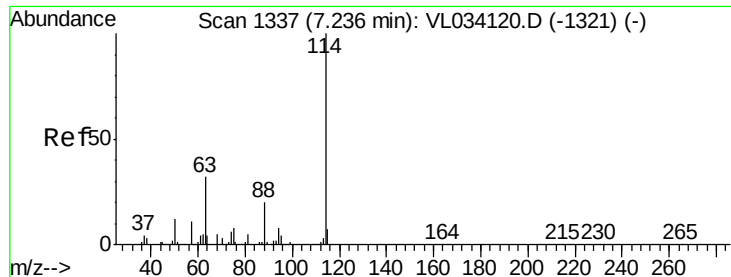
58 25.1 20.6 30.8



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

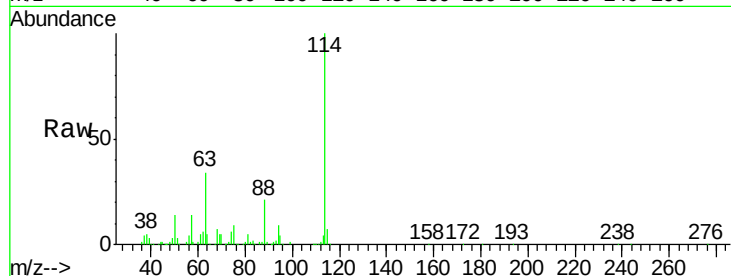




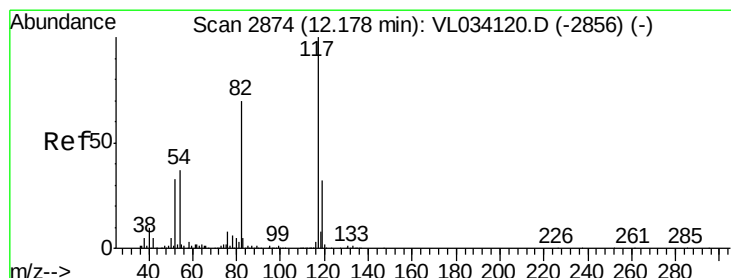
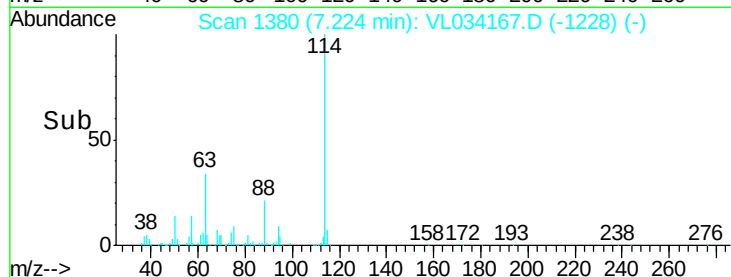
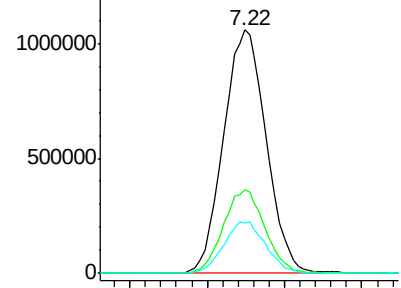
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.22 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: VL034167.D
 Acq: 12 Sep 2019 21:38

Instrument :
 MSVOA_L
 ClientSampleId :
 SV4DL2DUP

Tot Ion:114 Resp: 2014169
 Ion Ratio Lower Upper
 114 100
 63 33.9 25.5 38.3
 88 21.1 16.8 25.2

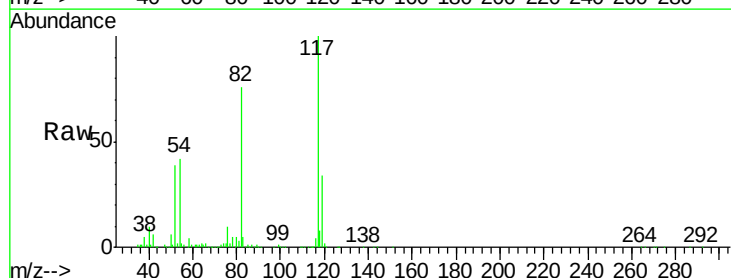


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

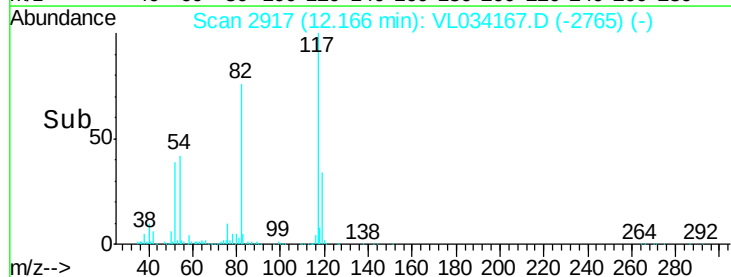
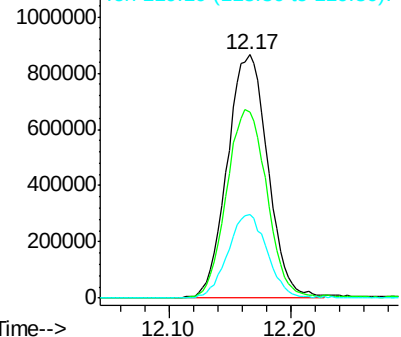


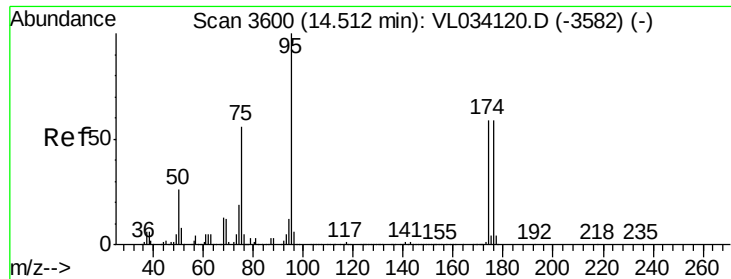
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.17 min Scan# 2917
 Delta R.T. -0.01 min
 Lab File: VL034167.D
 Acq: 12 Sep 2019 21:38

Tgt Ion:117 Resp: 1986553
 Ion Ratio Lower Upper
 117 100
 82 77.8 55.8 83.6
 119 33.6 43.1 64.7#



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: 10.730 ppbv

RT: 14.50 min Scan# 3644

Delta R.T. -0.01 min

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ClientSampleId :

SV4DL2DUP

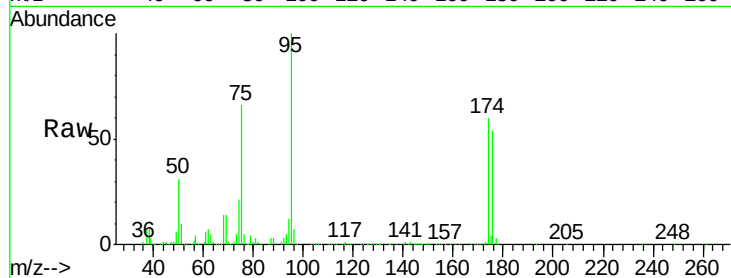
Tot Ion: 95 Resp: 1742604

Ion Ratio Lower Upper

95 100

174 56.7 48.1 72.1

175 4.1 3.5 5.3



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

