

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL041918\
 Data File : VL031894.D
 Acq On : 20 Apr 2018 10:30
 Operator : SY/AP
 Sample : QC041818 CAN 10270
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC041818 CAN 10270

Quant Time: Apr 21 02:19:11 2018
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL041218AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Apr 13 16:50:02 2018
 QLast Update : Fri Apr 13 16:50:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.88	49	1213423	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.42	114	2731930	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.38	117	2585214	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.72	95	2114191	10.17	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.70%

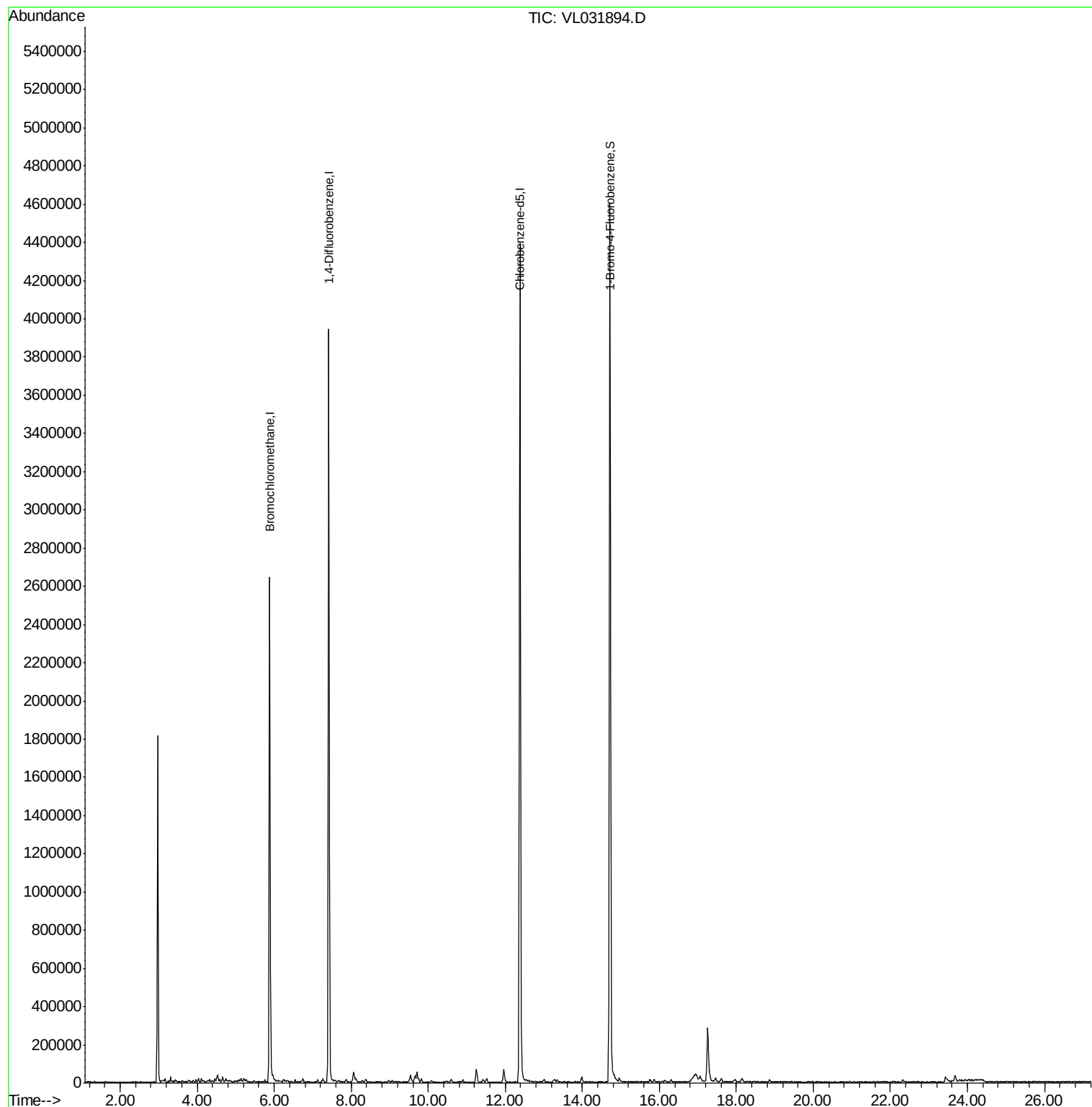
Target Compounds	Ovalue

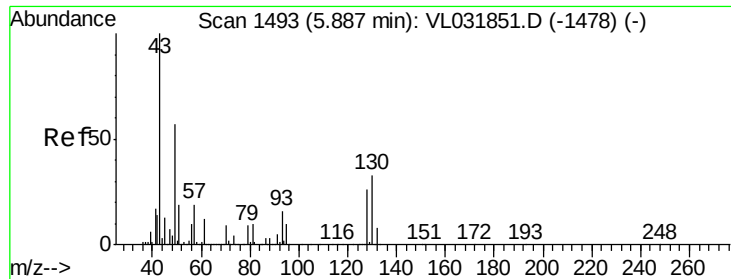
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 13 16:50:02 2018
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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.88 min Scan# 1491

Delta R.T. -0.01 min

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MSVOA_L

ClientSampleId :

QC041818 CAN 10270

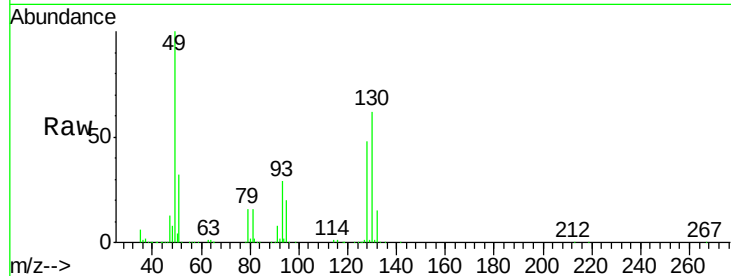
Tot Ion: 49 Resp: 1213423

Ion Ratio Lower Upper

49 100

128 48.9 23.9 71.7

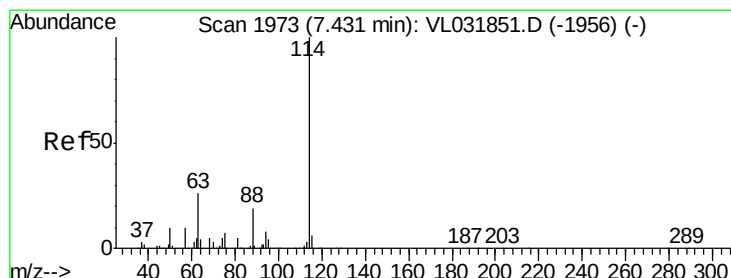
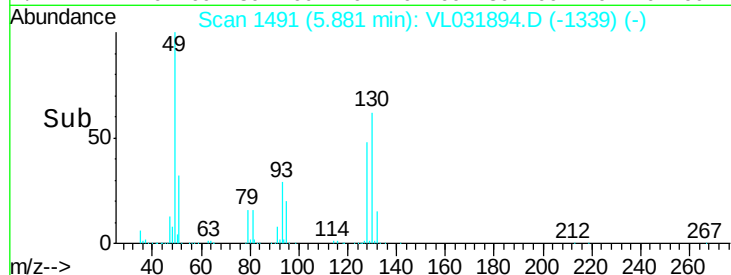
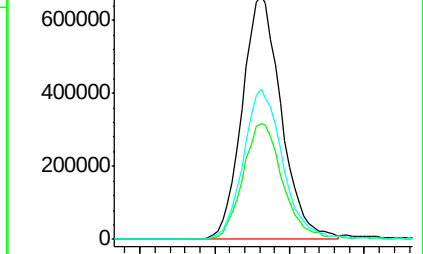
130 62.8 30.9 92.7



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



#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.42 min Scan# 1969

Delta R.T. -0.02 min

Lab File: VL031894.D

Acq: 20 Apr 2018 10:30

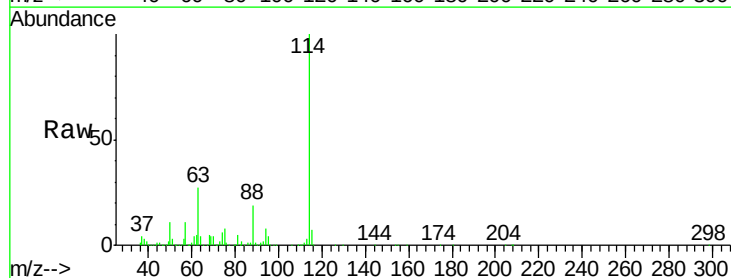
Tgt Ion: 114 Resp: 2731930

Ion Ratio Lower Upper

114 100

63 26.5 21.8 32.6

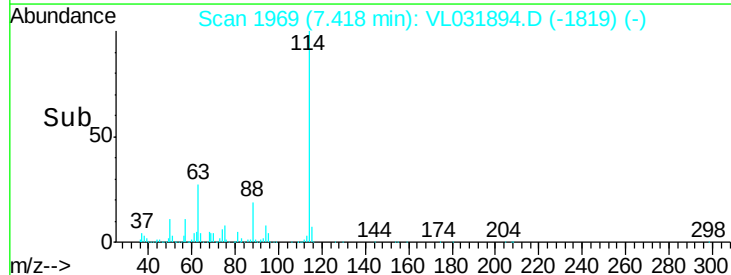
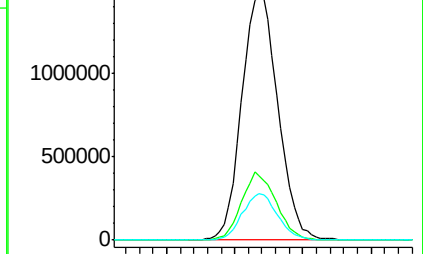
88 18.3 14.6 22.0

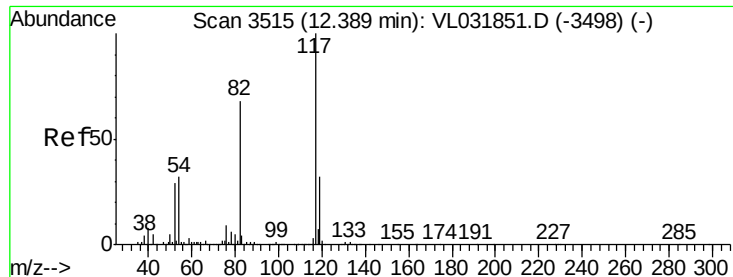


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0





#55

Chlorobenzene-d5

Concen: 10.00 ppbv

RT: 12.38 min Scan# 3512

Delta R.T. -0.01 min

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Instrument :

MSVOA_L

ClientSampleId :

QC041818 CAN 10270

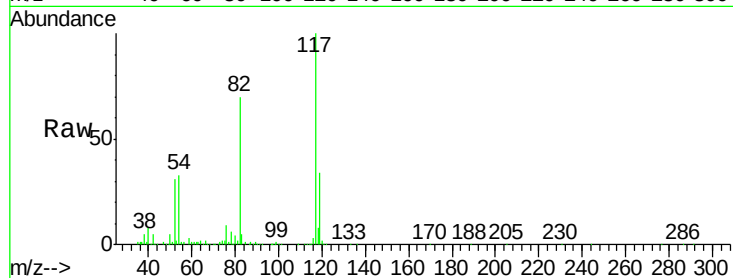
Tot Ion:117 Resp: 2585214

Ion Ratio Lower Upper

117 100

82 68.9 54.6 81.8

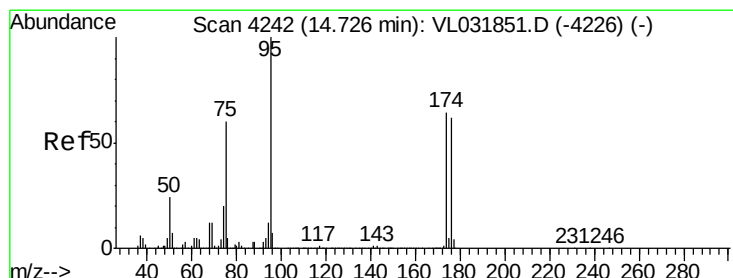
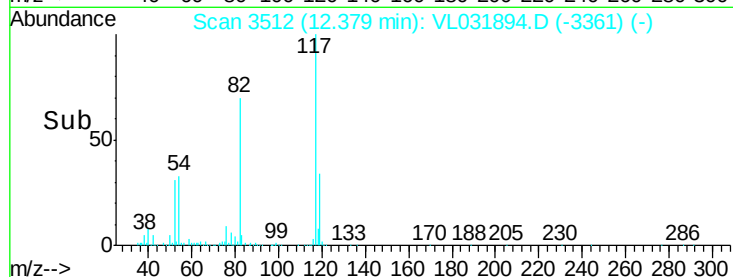
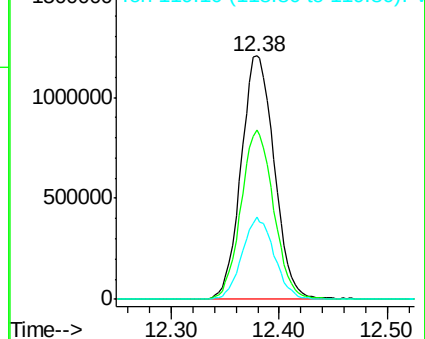
119 33.0 26.0 39.0



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): V

Ion 119.10 (118.80 to 119.80): V



#68

1-Bromo-4-Fluorobenzene

Concen: 10.17 ppbv

RT: 14.72 min Scan# 4240

Delta R.T. -0.01 min

Lab File: VL031894.D

Acq: 20 Apr 2018 10:30

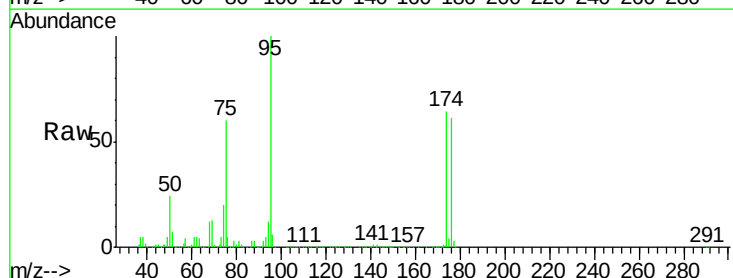
Tgt Ion: 95 Resp: 2114191

Ion Ratio Lower Upper

95 100

174 65.9 52.3 78.5

175 4.7 3.9 5.9



Abundance Ion 95.10 (94.80 to 95.80): V

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

