

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL073020\
 Data File : VL035275.D
 Acq On : 30 Jul 2020 10:51
 Operator : SY/AP
 Sample : OC CAN 10158
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC CAN 10158

Quant Time: Jul 30 12:36:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL072920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed Jul 29 07:14:29 2020
 QLast Update : Wed Jul 29 07:14:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1075133	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2642969	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2442737	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	2011656	10.31	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.10%

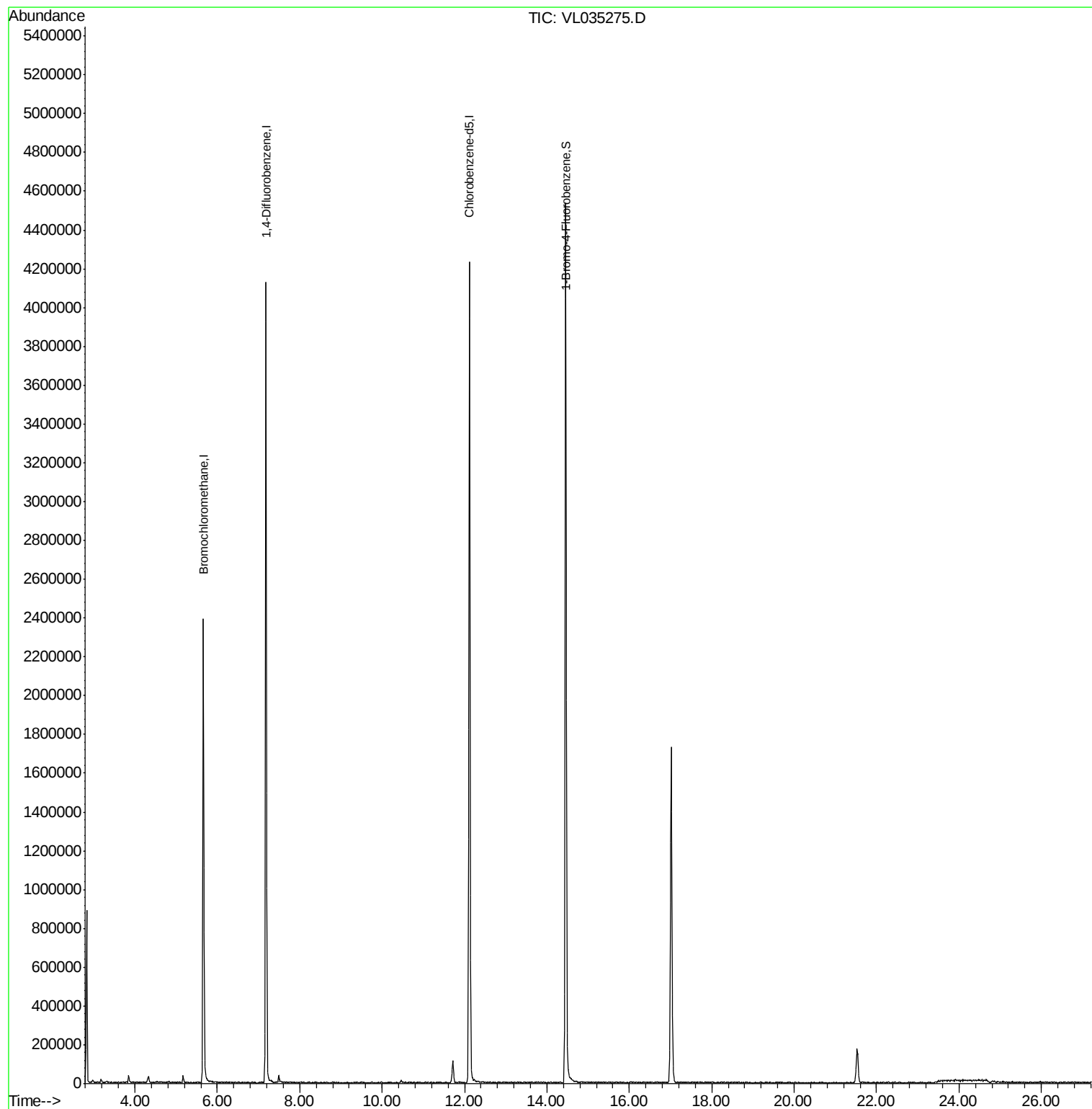
Target Compounds	Ovalue

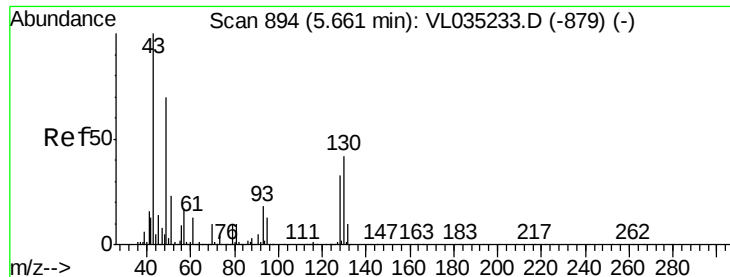
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.00 min

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MSVOA_L

ClientSampleId :

QC CAN 10158

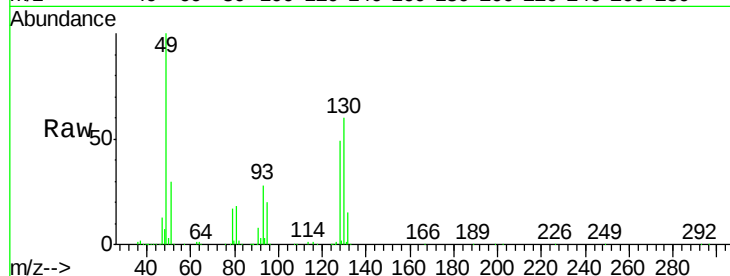
Tot Ion: 49 Resp: 1075133

Ion Ratio Lower Upper

49 100

128 49.5 24.0 72.0

130 63.8 30.7 92.1



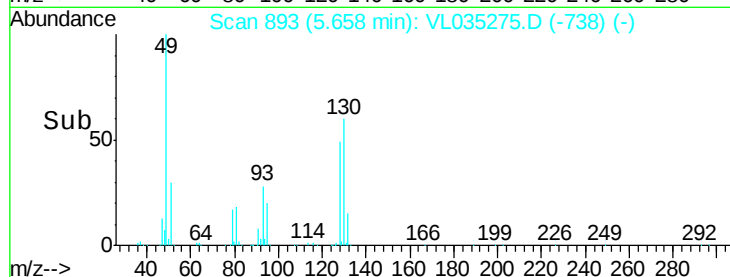
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

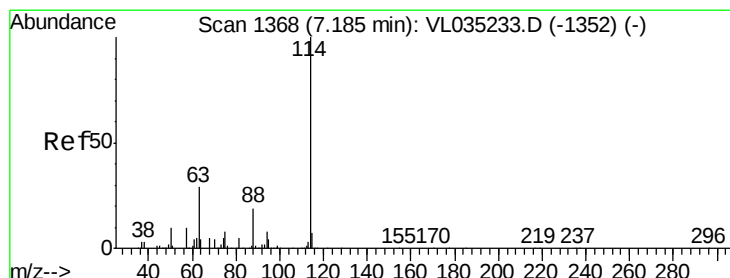
Ion 130.00 (129.70 to 130.70): VL0

5.66

Time-->



Time-->



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1367

Delta R.T. -0.00 min

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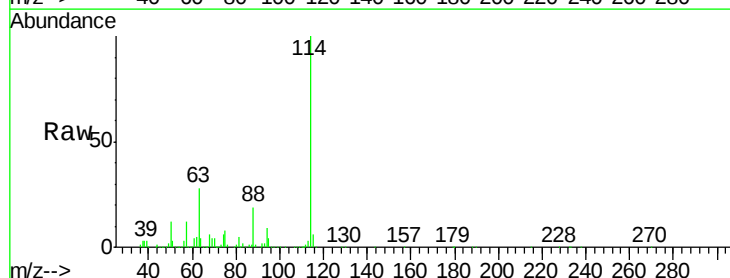
Tgt Ion: 114 Resp: 2642969

Ion Ratio Lower Upper

114 100

63 27.4 22.2 33.2

88 19.2 15.4 23.0



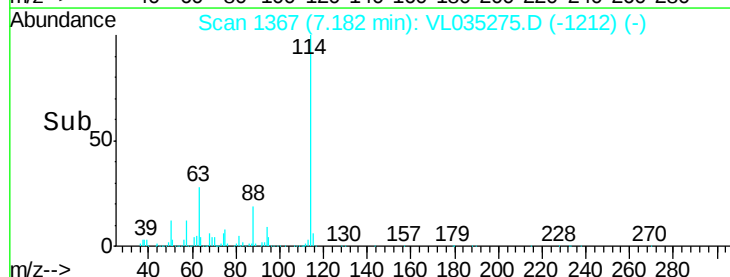
Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

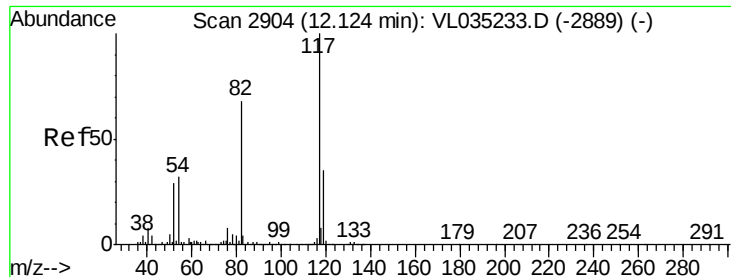
Ion 88.10 (87.80 to 88.80): VL0

7.18

Time-->



Time-->



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.12 min Scan# 2903

Delta R.T. -0.00 min

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Instrument :

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ClientSampleId :

QC CAN 10158

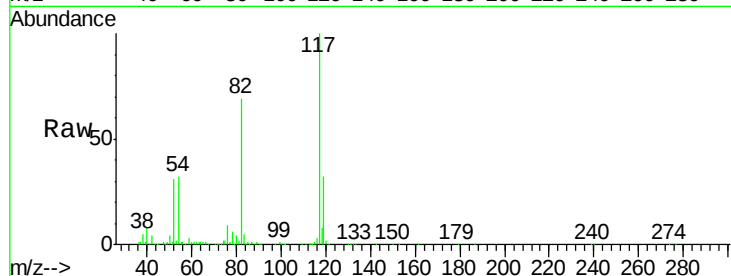
Tot Ion:117 Resp: 2442737

Ion Ratio Lower Upper

117 100

82 68.4 52.4 78.6

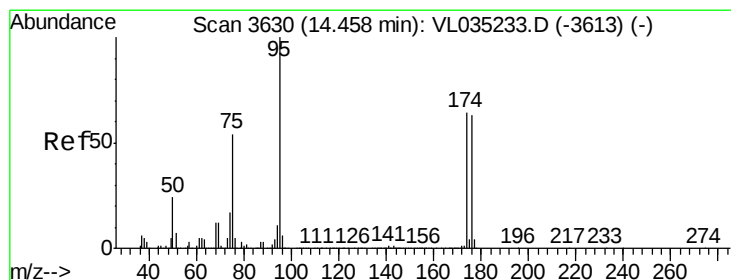
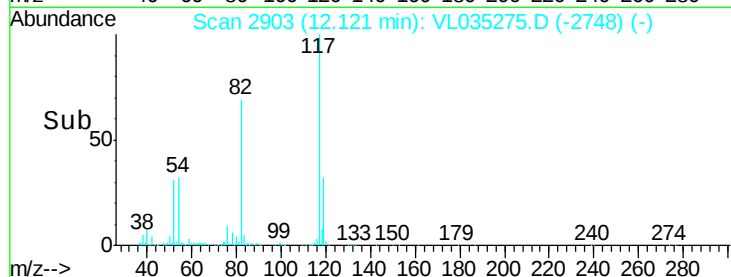
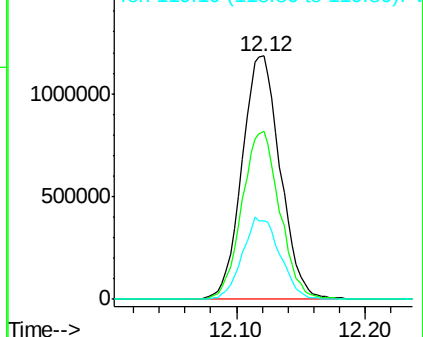
119 33.2 24.6 36.8



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: 10.306 ppbv

RT: 14.45 min Scan# 3628

Delta R.T. -0.01 min

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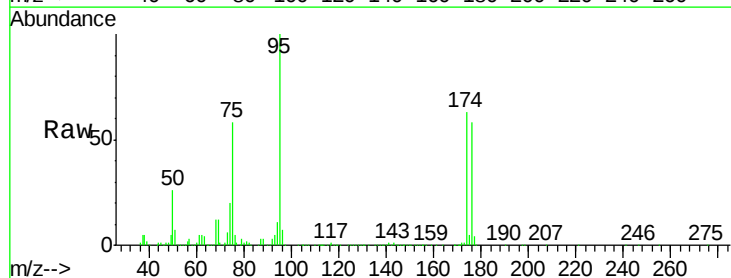
Tgt Ion: 95 Resp: 2011656

Ion Ratio Lower Upper

95 100

174 64.8 52.7 79.1

175 4.7 3.9 5.9



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

