

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL073020\
Data File : VL035277.D
Acq On : 30 Jul 2020 12:13
Operator : SY/AP
Sample : OC CAN 10607
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC CAN 10607

Quant Time: Jul 31 05:03:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL072920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-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	1070208	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2651068	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2420180	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1987596	10.28	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.80%

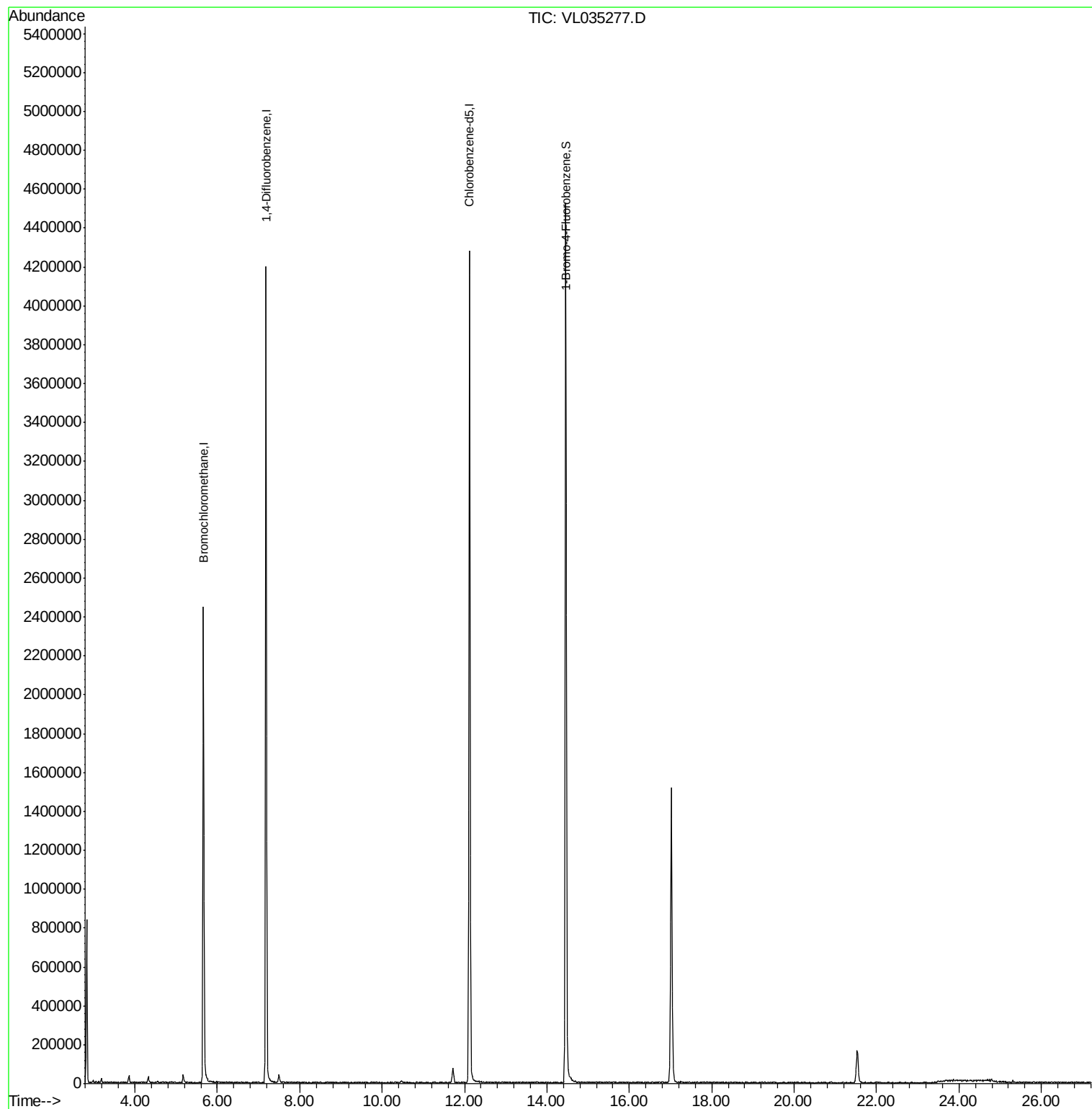
Target Compounds	Ovalue
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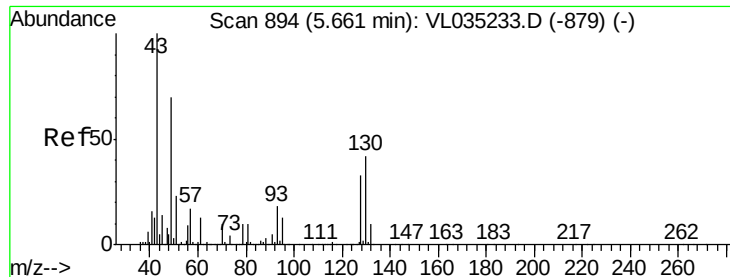
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL073020\
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. 0.00 min

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MSVOA_L

ClientSampleId :

QC CAN 10607

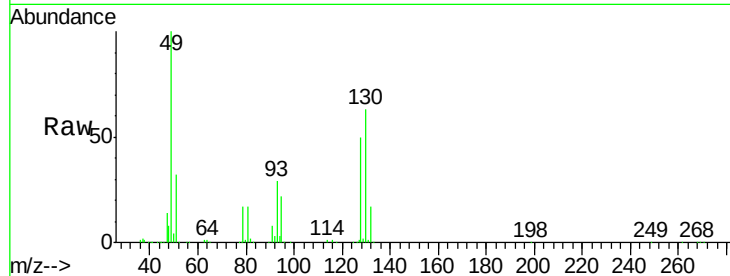
Tot Ion: 49 Resp: 1070208

Ion Ratio Lower Upper

49 100

128 50.3 24.0 72.0

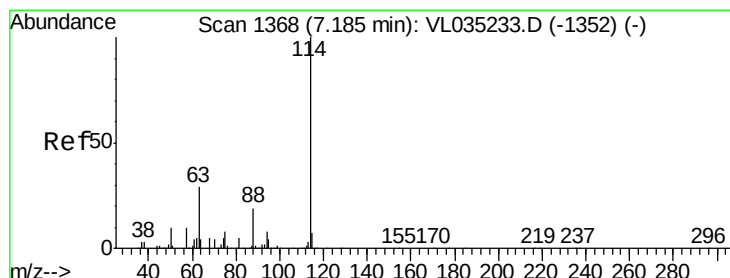
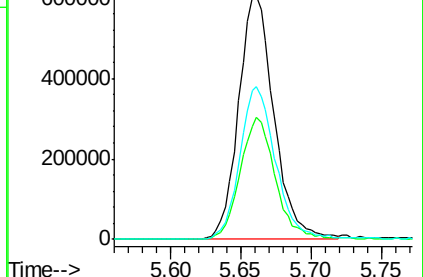
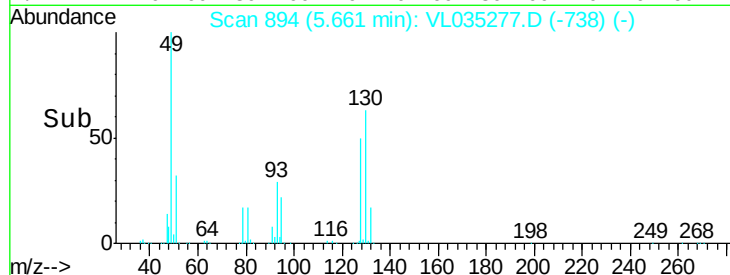
130 63.0 30.7 92.1



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



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VL035277.D

Acq: 30 Jul 2020 12:13

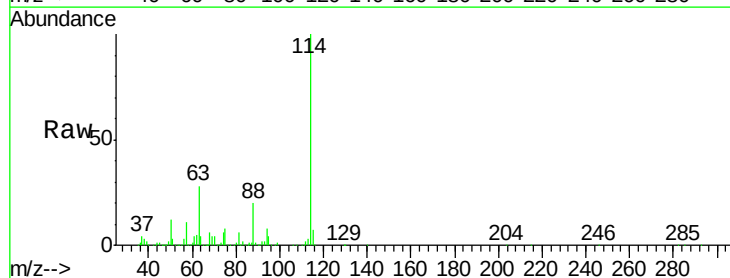
Tgt Ion:114 Resp: 2651068

Ion Ratio Lower Upper

114 100

63 27.2 22.2 33.2

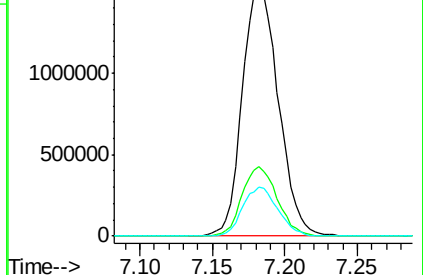
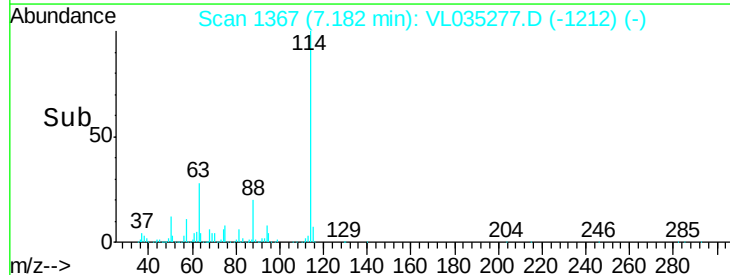
88 19.4 15.4 23.0

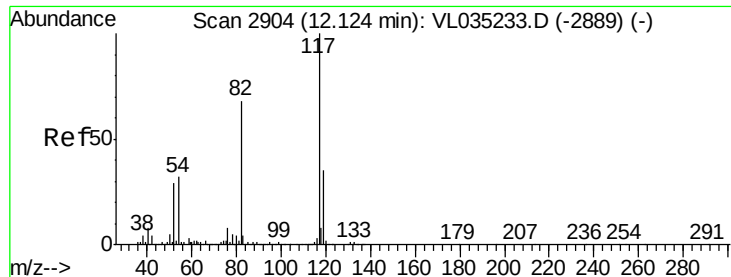


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.12 min Scan# 2903

Delta R.T. -0.00 min

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Acq: 30 Jul 2020 12:13

Instrument :

MSVOA_L

ClientSampleId :

QC CAN 10607

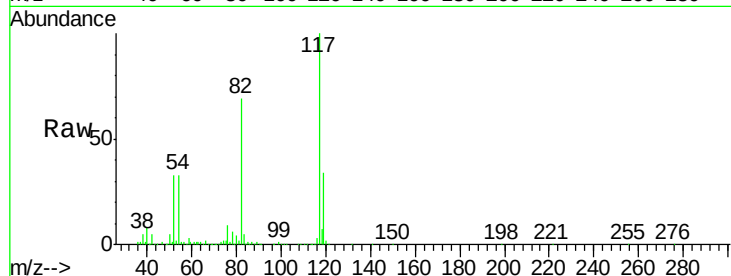
Tot Ion:117 Resp: 2420180

Ion Ratio Lower Upper

117 100

82 69.1 52.4 78.6

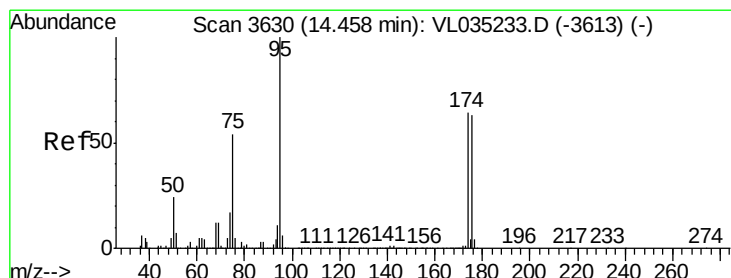
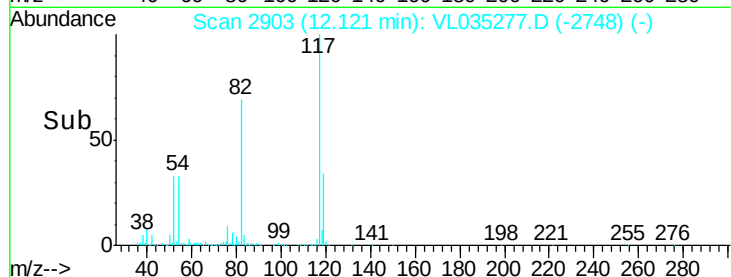
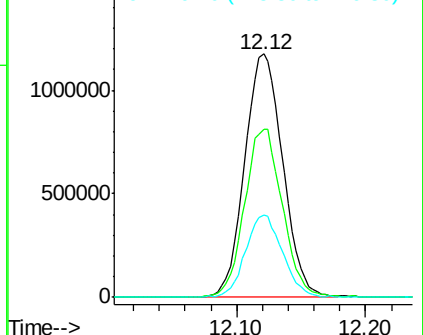
119 33.0 24.6 36.8



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: 10.278 ppbv

RT: 14.46 min Scan# 3630

Delta R.T. 0.00 min

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Acq: 30 Jul 2020 12:13

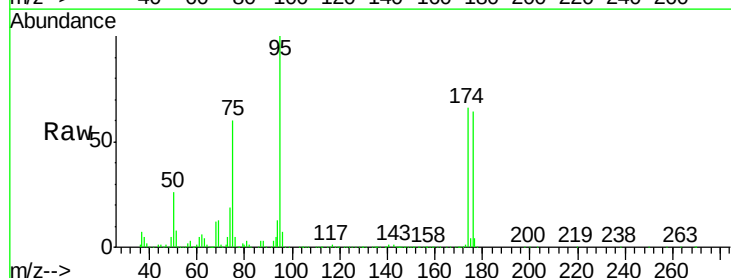
Tgt Ion: 95 Resp: 1987596

Ion Ratio Lower Upper

95 100

174 65.8 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

