

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL073020\
 Data File : VL035284.D
 Acq On : 30 Jul 2020 18:00
 Operator : SY/AP
 Sample : OC CAN 10448
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC CAN 10448

Quant Time: Jul 31 15:14:08 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	1064691	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2602876	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	2433940	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1939767	9.97	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.70%

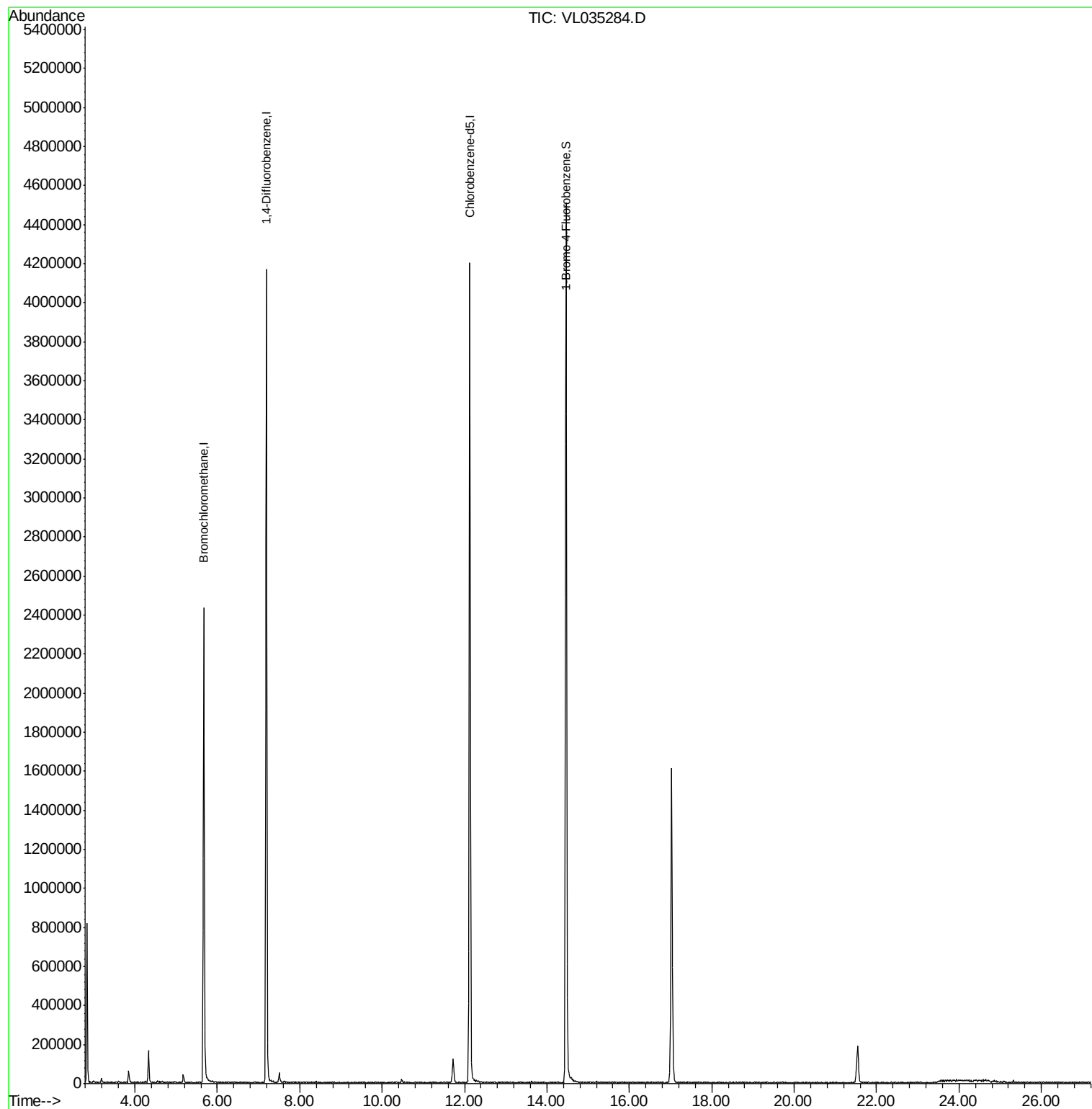
Target Compounds	Ovalue

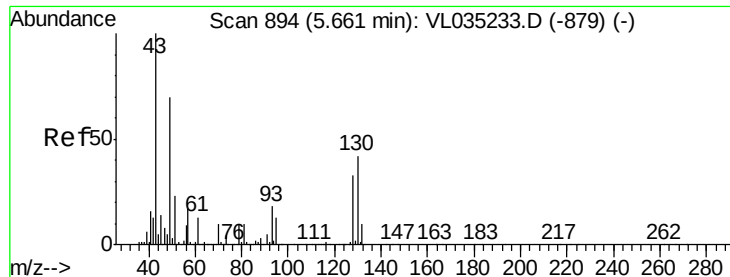
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. 0.00 min

Lab File: VL035284.D

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Instrument :

MSVOA_L

ClientSampleId :

QC CAN 10448

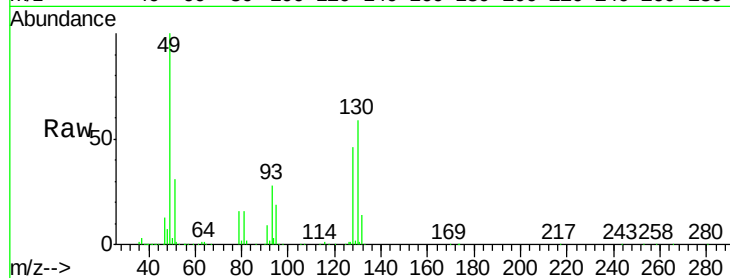
Tot Ion: 49 Resp: 1064691

Ion Ratio Lower Upper

49 100

128 50.0 24.0 72.0

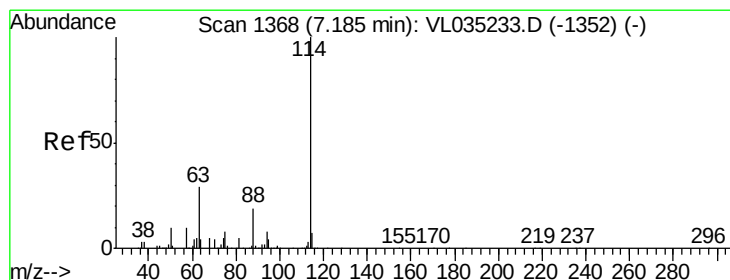
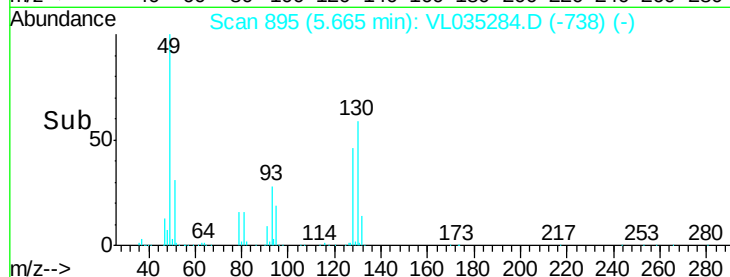
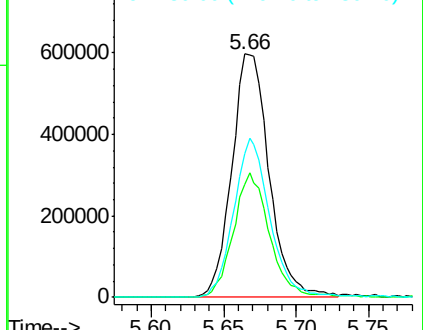
130 63.7 30.7 92.1



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: 7.19 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VL035284.D

Acq: 30 Jul 2020 18:00

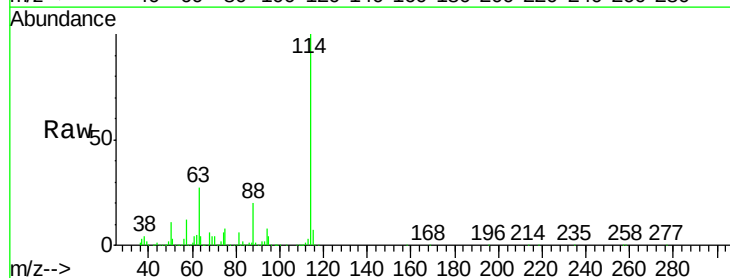
Tgt Ion: 114 Resp: 2602876

Ion Ratio Lower Upper

114 100

63 27.5 22.2 33.2

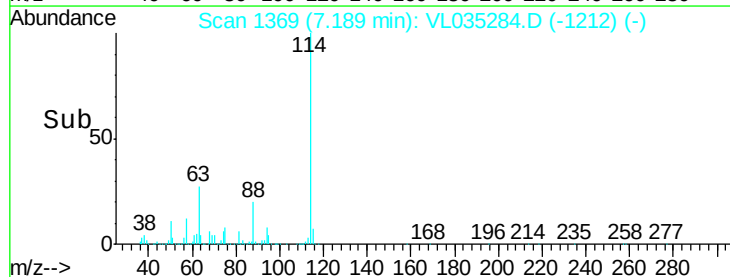
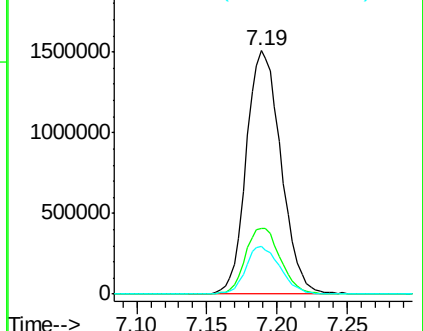
88 19.4 15.4 23.0

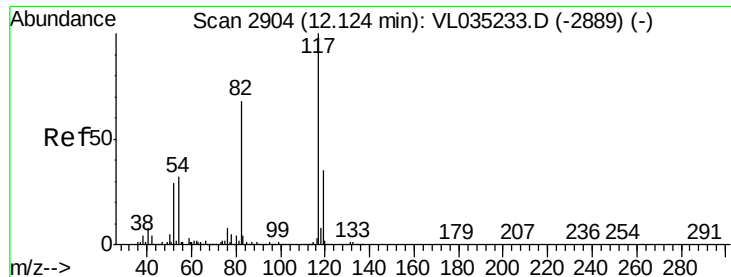


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

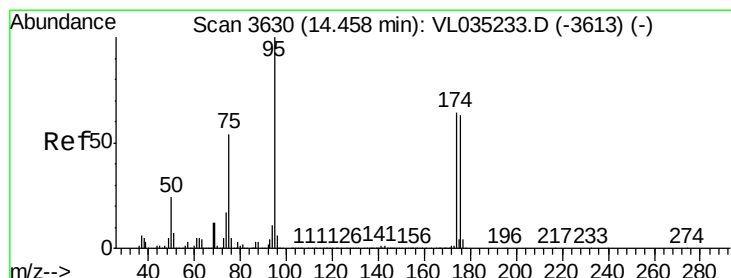
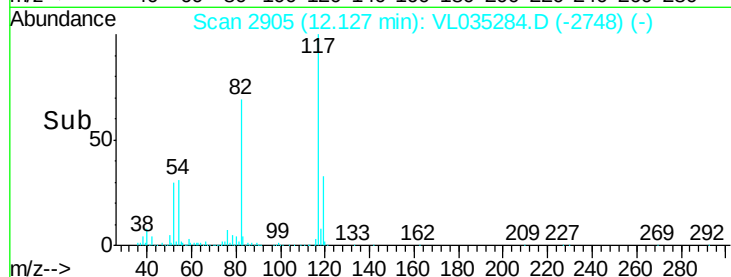
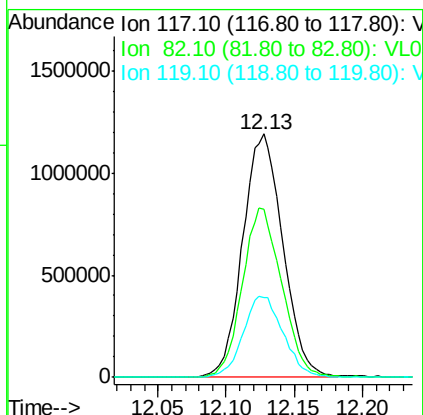
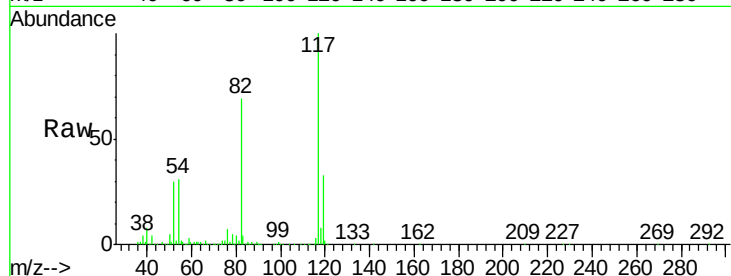




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.13 min Scan# 2905
Delta R.T. 0.00 min
Lab File: VL035284.D
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Tot Ion:117 Resp: 2433940
Ion Ratio Lower Upper
117 100
82 68.8 52.4 78.6
119 33.3 24.6 36.8



#68
1-Bromo-4-Fluorobenzene
Concen: 9.974 ppbv
RT: 14.46 min Scan# 3631
Delta R.T. 0.00 min
Lab File: VL035284.D
Acq: 30 Jul 2020 18:00

Tgt Ion: 95 Resp: 1939767
Ion Ratio Lower Upper
95 100
174 66.4 52.7 79.1
175 4.6 3.9 5.9

