

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL073120\
 Data File : VL035303.D
 Acq On : 31 Jul 2020 13:52
 Operator : SY/AP
 Sample : CAN 10312
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10312

Quant Time: Jul 31 17:03:34 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	1000379	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2452699	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2232802	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1836281	10.29	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.90%

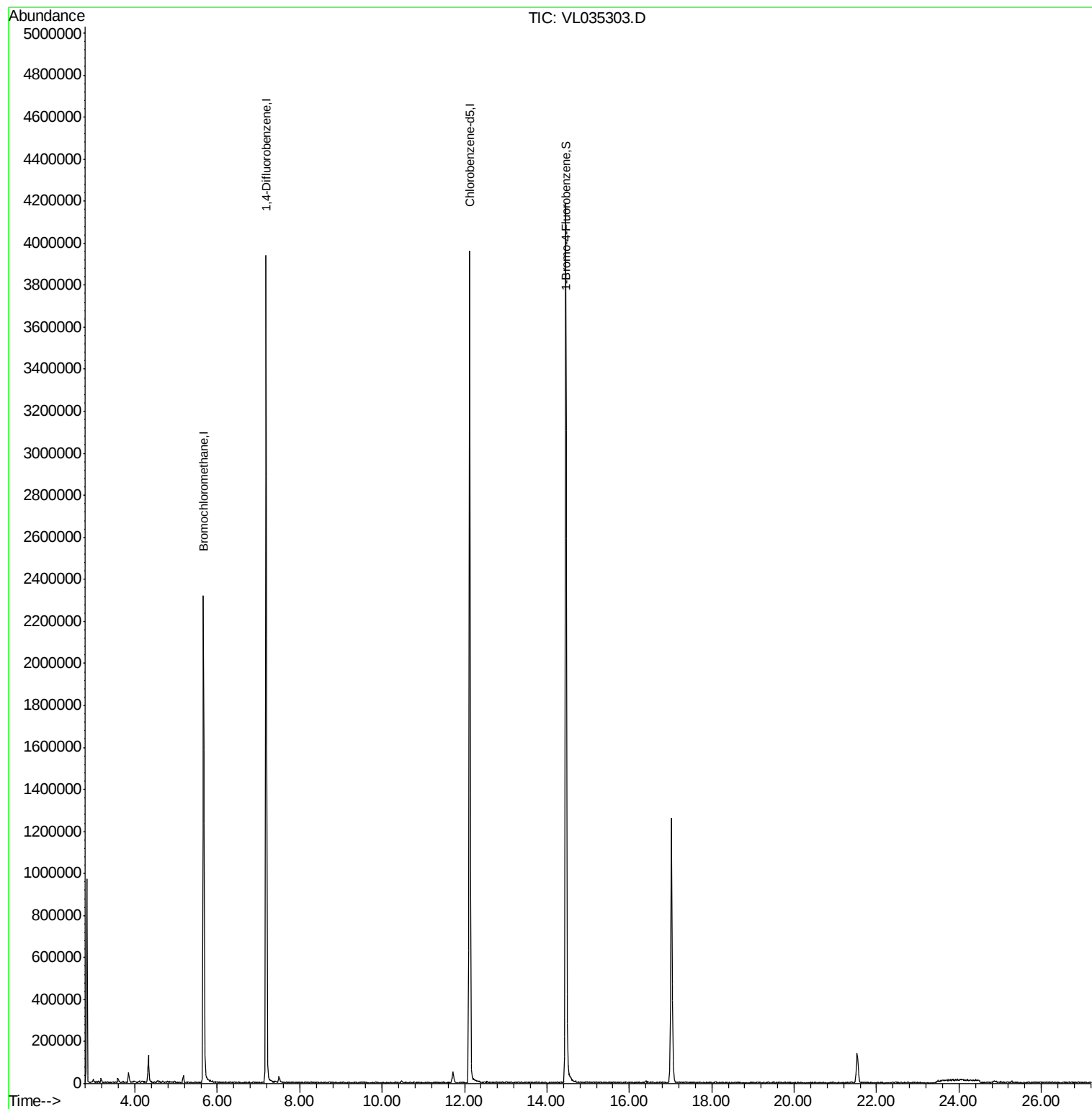
Target Compounds	Ovalue

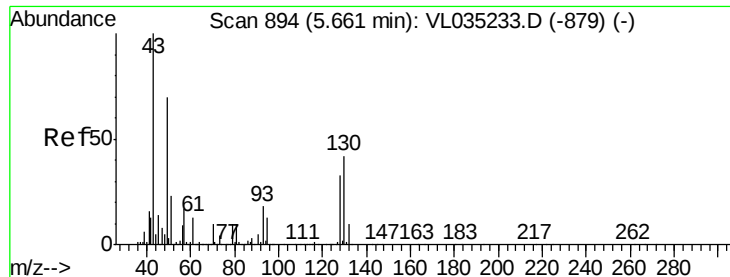
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. 0.00 min

Lab File: VL035303.D

Acq: 31 Jul 2020 13:52

Instrument :

MSVOA_L

ClientSampleId :

CAN 10312

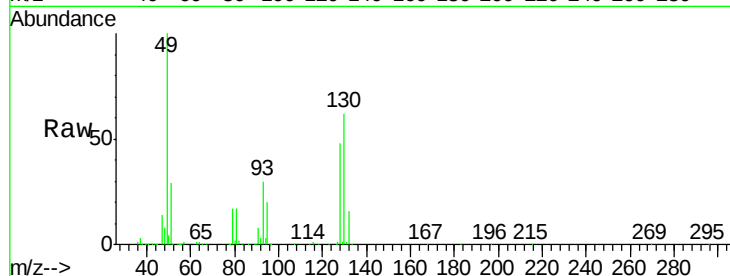
Tot Ion: 49 Resp: 1000379

Ion Ratio Lower Upper

49 100

128 50.4 24.0 72.0

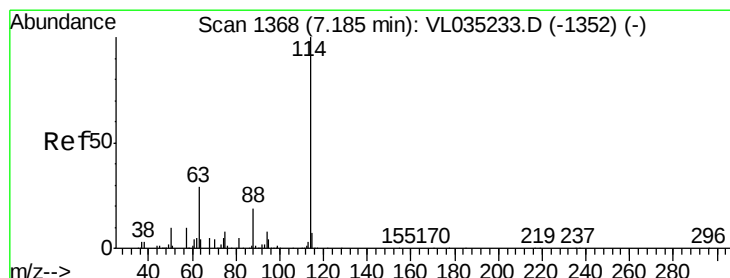
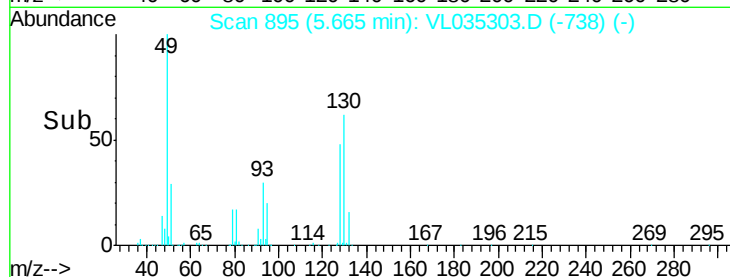
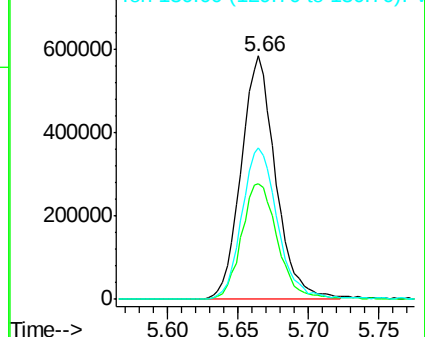
130 65.0 30.7 92.1



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: 7.19 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VL035303.D

Acq: 31 Jul 2020 13:52

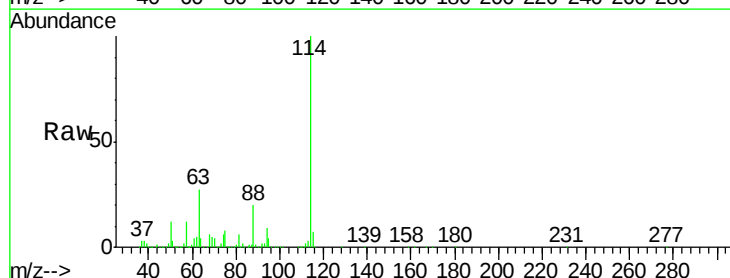
Tgt Ion: 114 Resp: 2452699

Ion Ratio Lower Upper

114 100

63 27.6 22.2 33.2

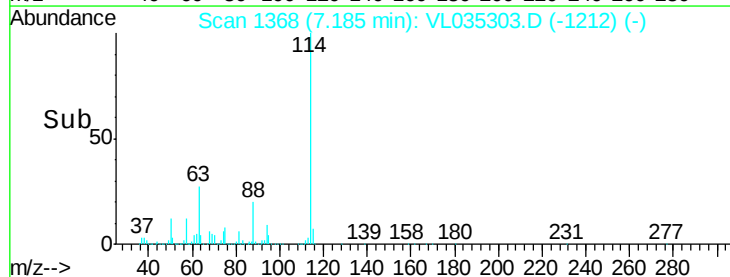
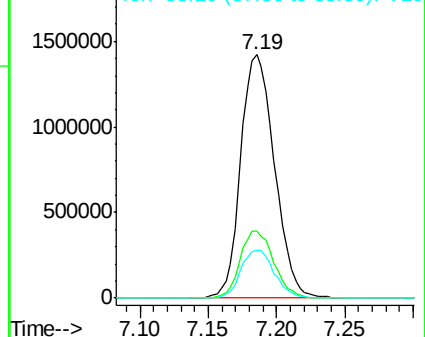
88 19.6 15.4 23.0

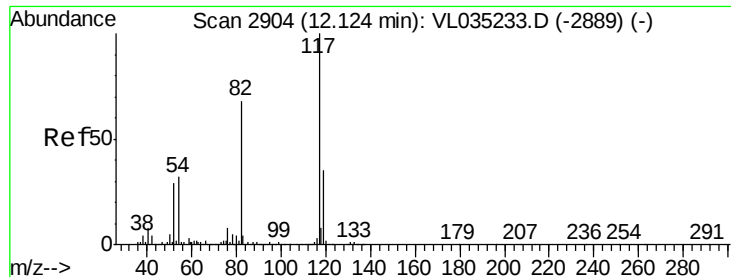


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

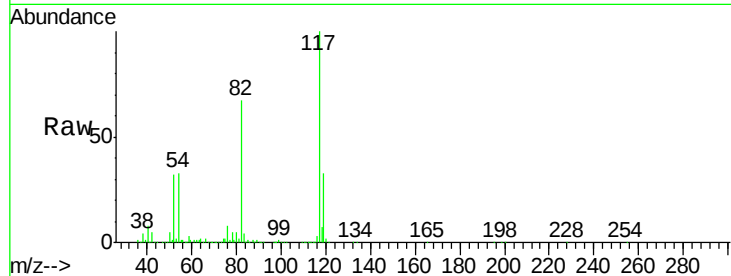




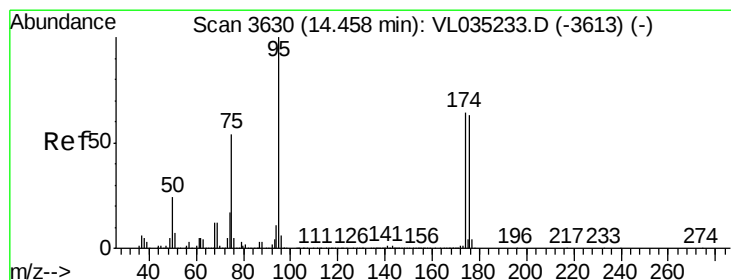
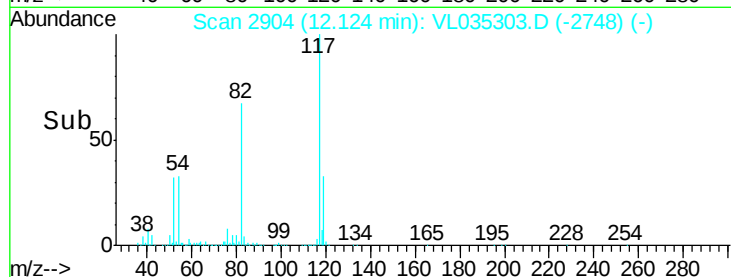
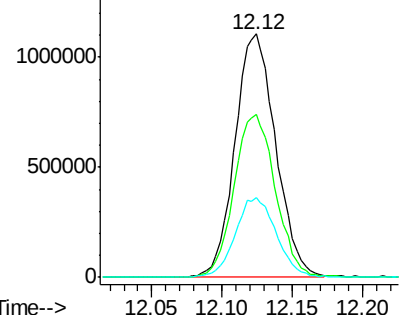
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2904
Delta R.T. 0.00 min
Lab File: VL035303.D
Acq: 31 Jul 2020 13:52

Instrument :
MSVOA_L
ClientSampled :
CAN 10312

Tot Ion:117 Resp: 2232802
Ion Ratio Lower Upper
117 100
82 68.4 52.4 78.6
119 33.2 24.6 36.8

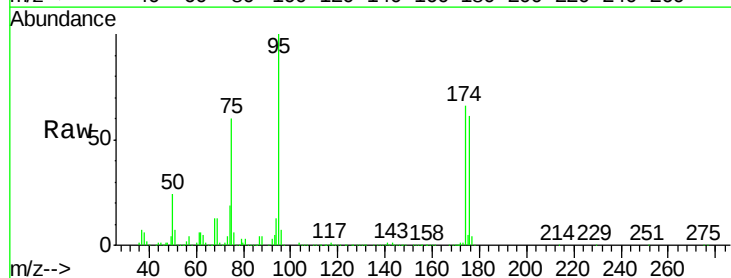


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.292 ppbv
RT: 14.46 min Scan# 3631
Delta R.T. 0.00 min
Lab File: VL035303.D
Acq: 31 Jul 2020 13:52

Tgt Ion: 95 Resp: 1836281
Ion Ratio Lower Upper
95 100
174 65.7 52.7 79.1
175 4.6 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

