

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL073120\
 Data File : VL035305.D
 Acq On : 31 Jul 2020 15:56
 Operator : SY/AP
 Sample : CAN 10492
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10492

Quant Time: Jul 31 17:23:56 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	5.67	49	965323	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2382218	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2147022	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1781051	10.38	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.80%

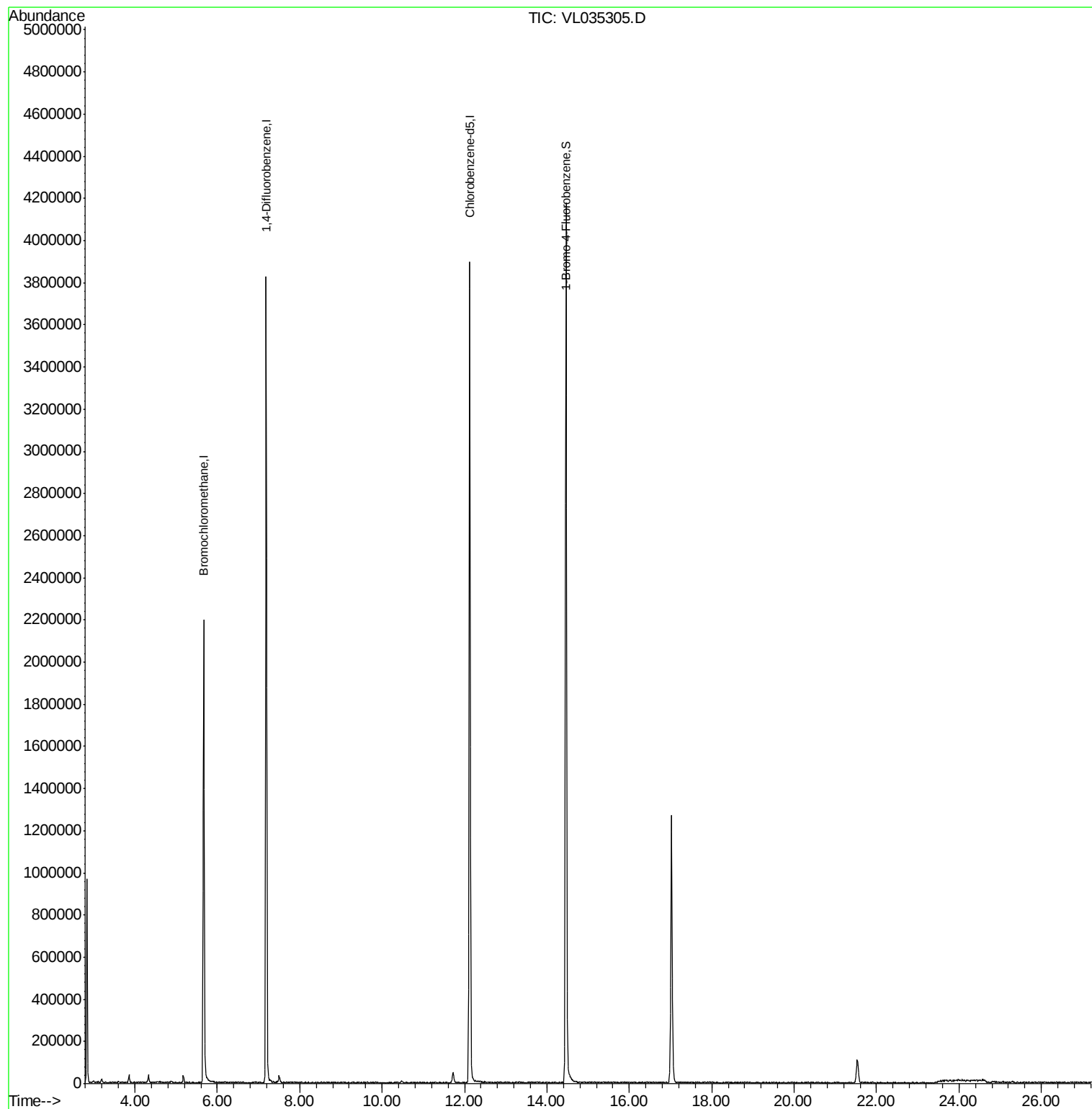
Target Compounds	Ovalue

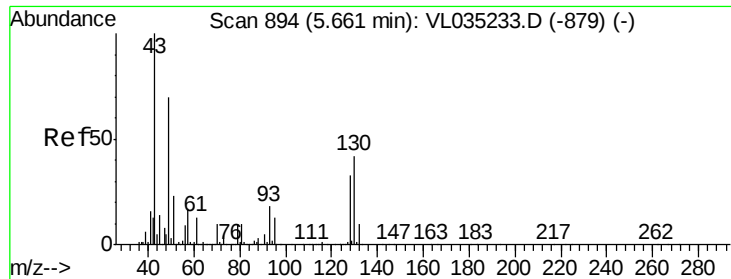
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. 0.01 min

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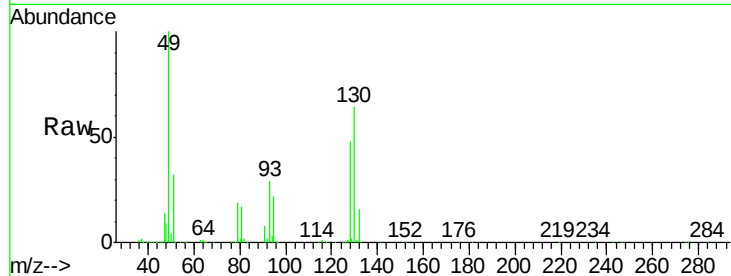
Tot Ion: 49 Resp: 965323

Ion Ratio Lower Upper

49 100

128 50.0 24.0 72.0

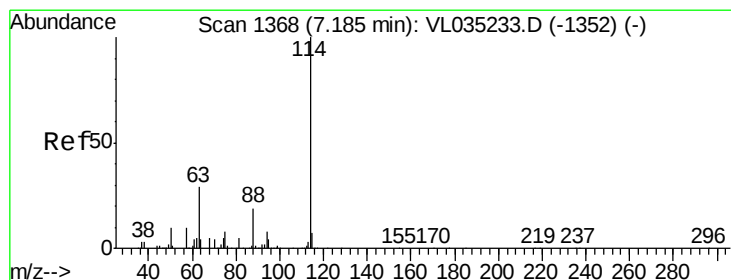
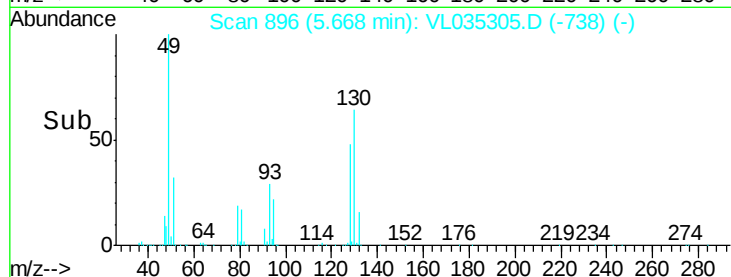
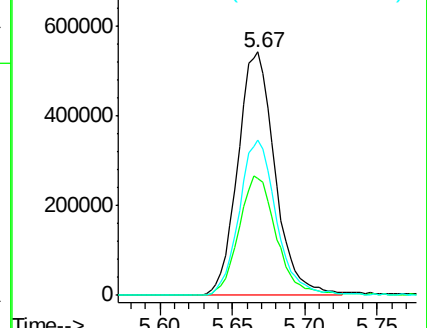
130 64.6 30.7 92.1



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: VL035305.D

Acq: 31 Jul 2020 15:56

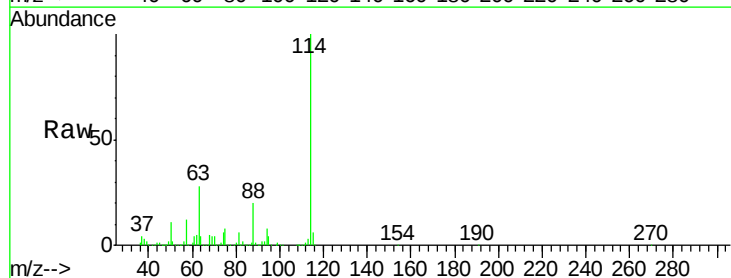
Tgt Ion: 114 Resp: 2382218

Ion Ratio Lower Upper

114 100

63 27.6 22.2 33.2

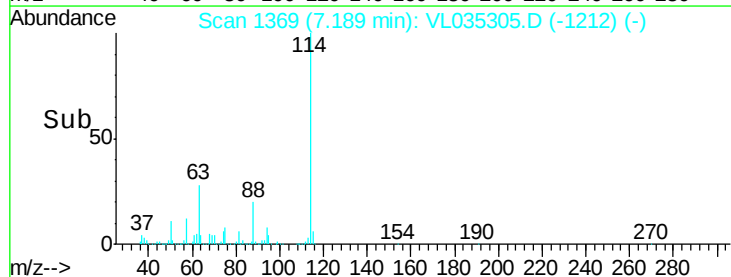
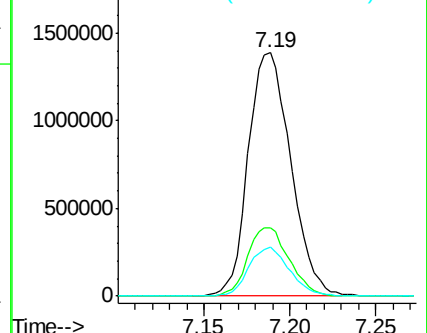
88 19.3 15.4 23.0

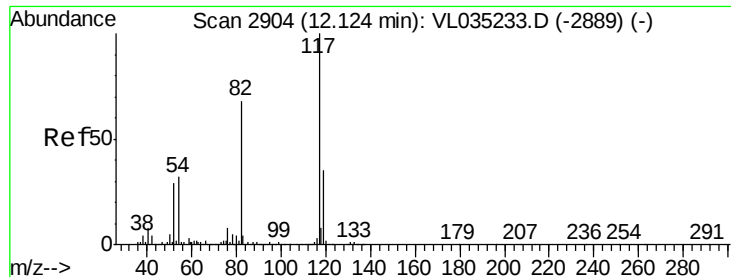


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

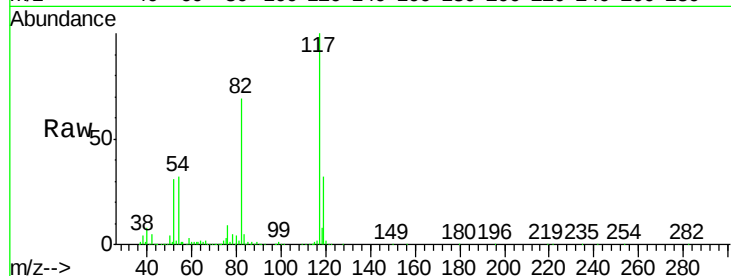




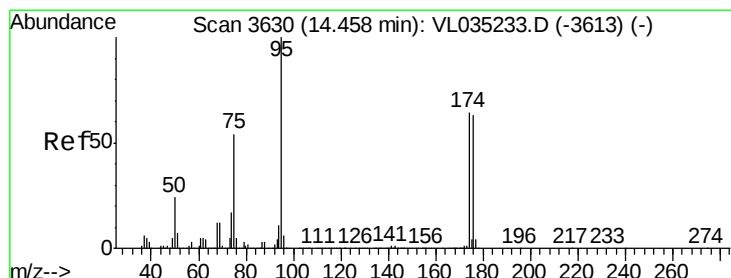
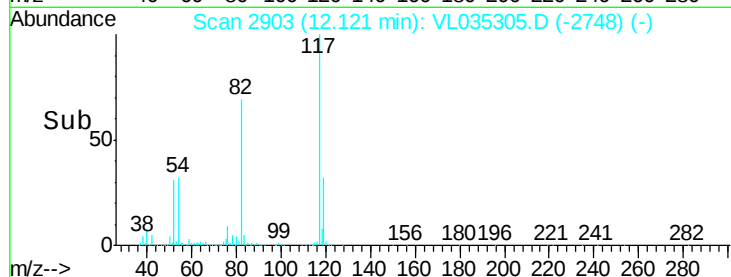
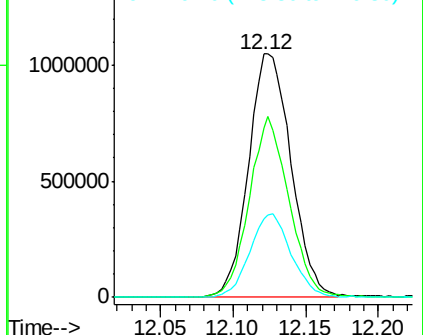
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2903
Delta R.T. -0.00 min
Lab File: VL035305.D
Acq: 31 Jul 2020 15:56

Instrument :
MSVOA_L
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Tot Ion:117 Resp: 2147022
Ion Ratio Lower Upper
117 100
82 69.6 52.4 78.6
119 33.4 24.6 36.8

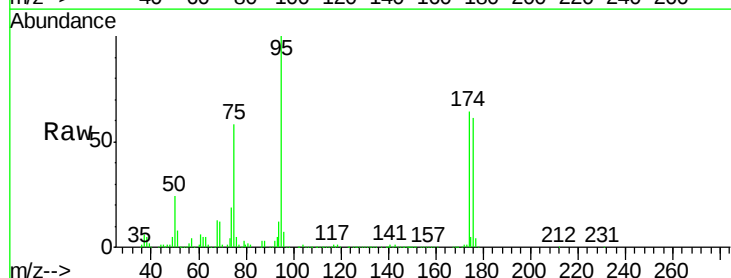


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): V
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.381 ppbv
RT: 14.46 min Scan# 3632
Delta R.T. 0.01 min
Lab File: VL035305.D
Acq: 31 Jul 2020 15:56

Tgt Ion: 95 Resp: 1781051
Ion Ratio Lower Upper
95 100
174 65.4 52.7 79.1
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

