

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL073120\
Data File : VL035311.D
Acq On : 31 Jul 2020 20:40
Operator : SY/AP
Sample : CAN 10198
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10198

Quant Time: Aug 01 04:21:01 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	1046365	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2634771	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2416684	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1955843	10.13	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.30%

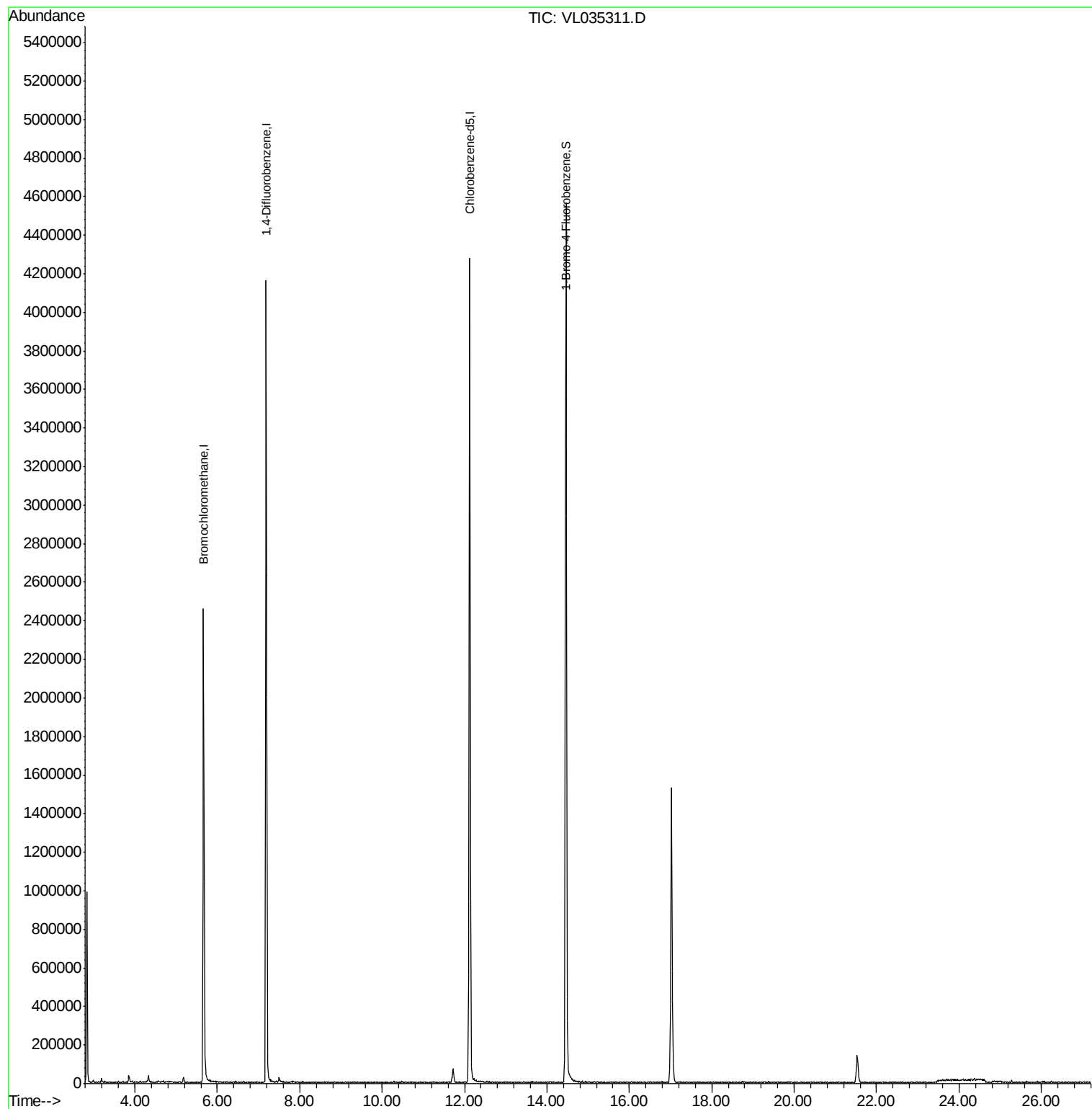
Target Compounds	Ovalue
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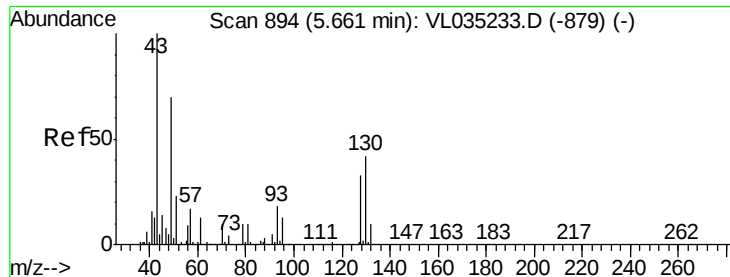
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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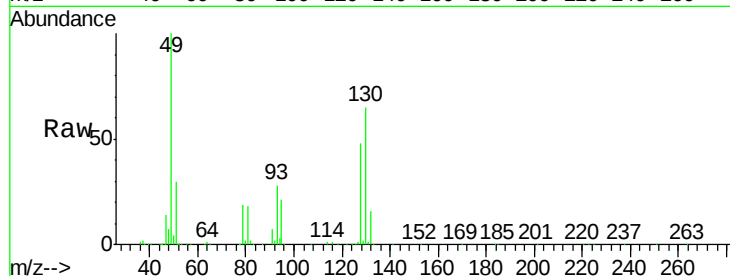
Tot Ion: 49 Resp: 1046365

Ion Ratio Lower Upper

49 100

128 51.0 24.0 72.0

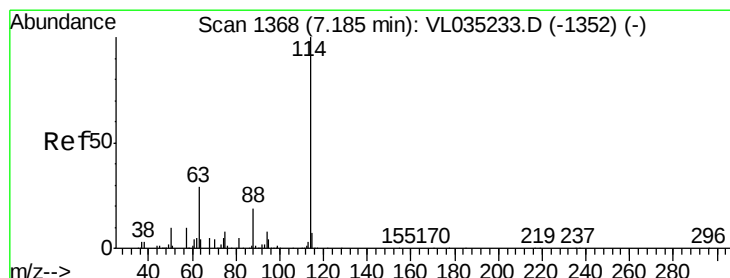
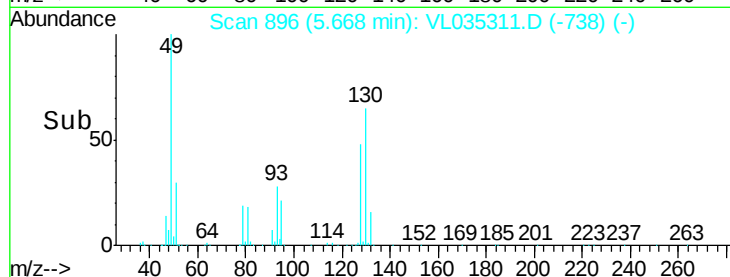
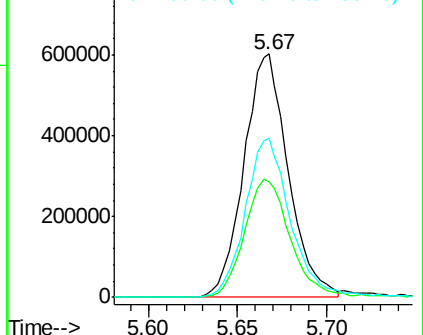
130 67.4 30.7 92.1



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: VL035311.D

Acq: 31 Jul 2020 20:40

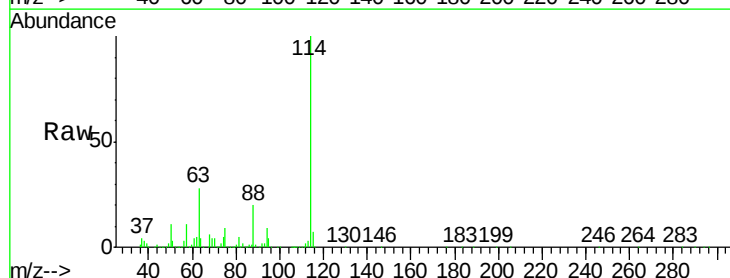
Tgt Ion:114 Resp: 2634771

Ion Ratio Lower Upper

114 100

63 27.4 22.2 33.2

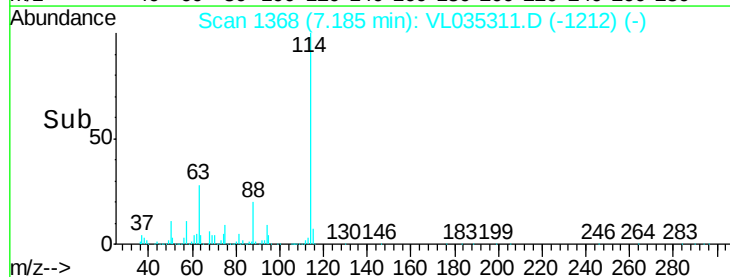
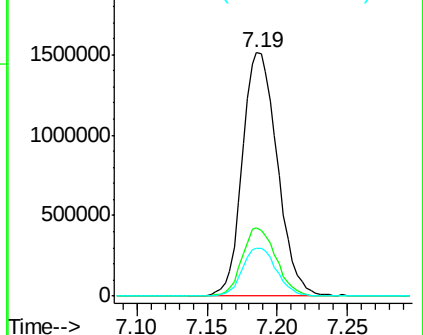
88 19.4 15.4 23.0

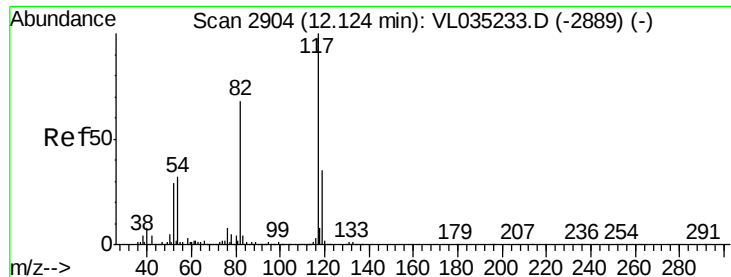


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

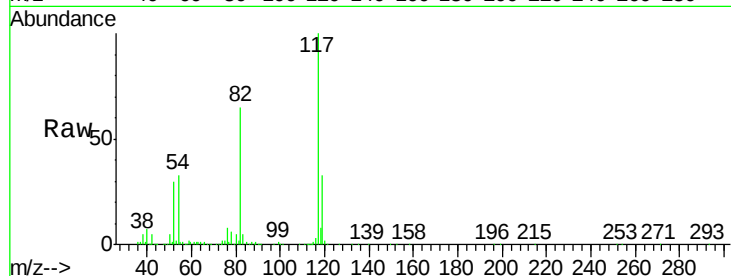




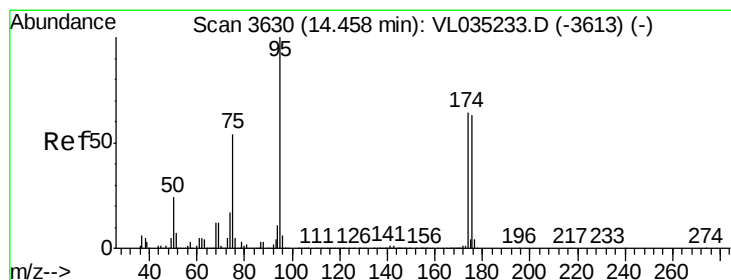
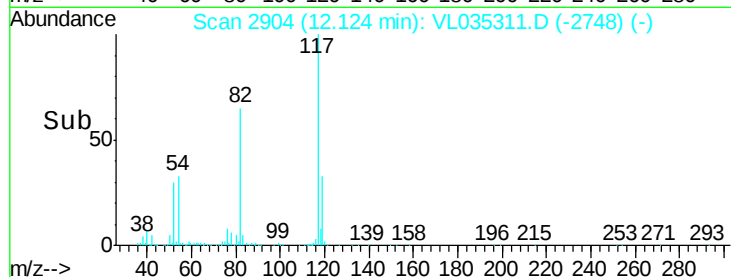
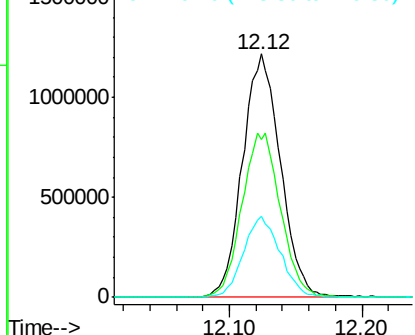
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2904
Delta R.T. 0.00 min
Lab File: VL035311.D
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Instrument :
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Tot Ion:117 Resp: 2416684
Ion Ratio Lower Upper
117 100
82 69.0 52.4 78.6
119 32.6 24.6 36.8

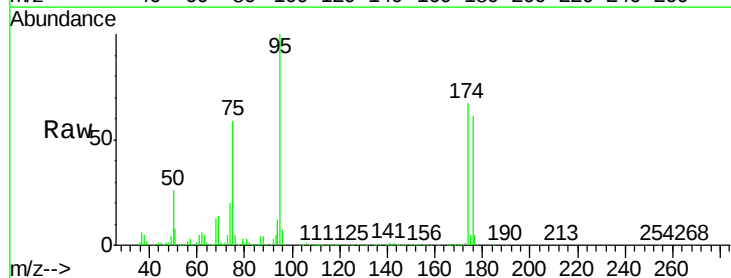


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): V
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.128 ppbv
RT: 14.46 min Scan# 3630
Delta R.T. 0.00 min
Lab File: VL035311.D
Acq: 31 Jul 2020 20:40

Tgt Ion: 95 Resp: 1955843
Ion Ratio Lower Upper
95 100
174 66.9 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

