

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012720\
 Data File : VL034564.D
 Acq On : 27 Jan 2020 17:00
 Operator : SY/AP
 Sample : QC010620 CAN 10439
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC010620 CAN 10439

Quant Time: Jan 28 12:08:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL123019AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Jan 09 03:01:19 2020
 QLast Update : Thu Jan 09 03:01:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	989579	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	1978025	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	1966805	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.47	95	1649003	10.05	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.50%

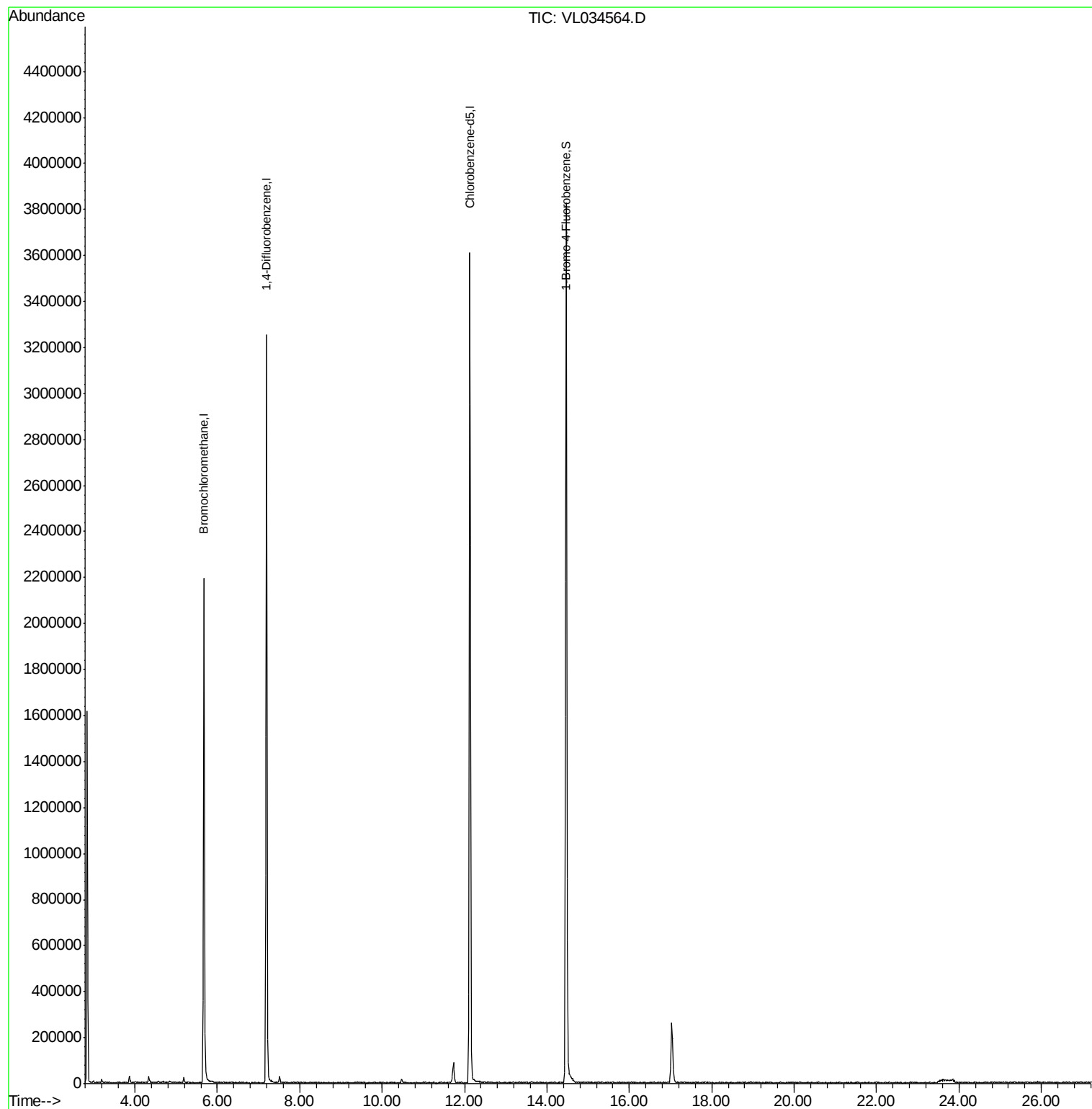
Target Compounds	Ovalue

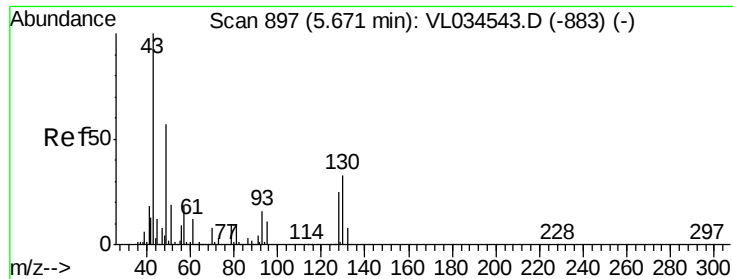
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL123019AIR.M
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 897

Delta R.T. -0.00 min

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Instrument :

MSVOA_L

ClientSampleId :

QC010620 CAN 10439

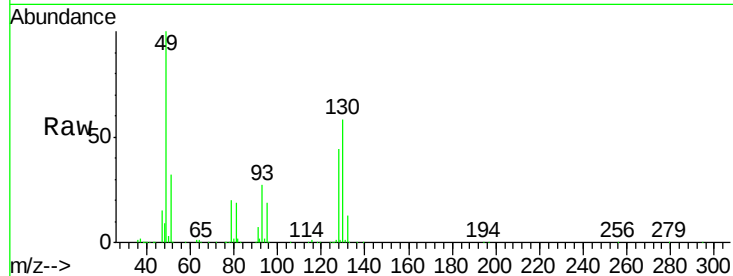
Tot Ion: 49 Resp: 989579

Ion Ratio Lower Upper

49 100

128 45.5 22.4 67.2

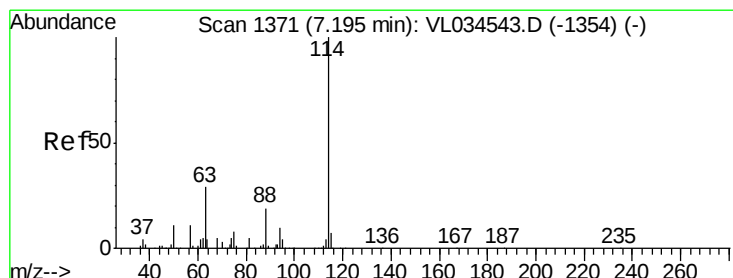
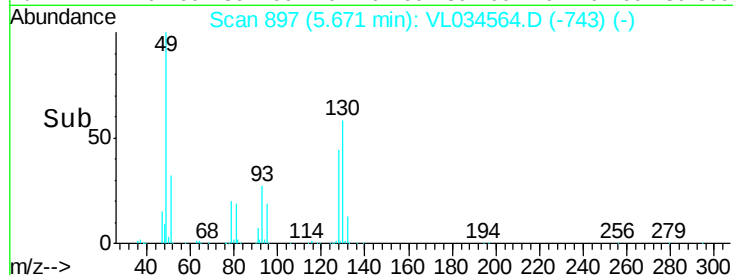
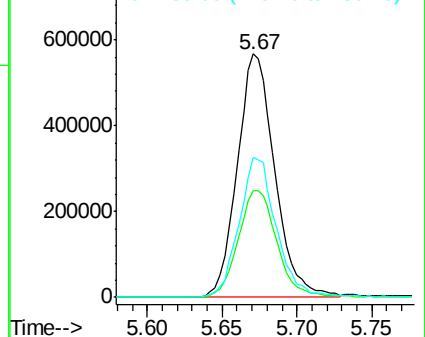
130 57.1 28.3 85.0



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# 1370

Delta R.T. -0.00 min

Lab File: VL034564.D

Acq: 27 Jan 2020 17:00

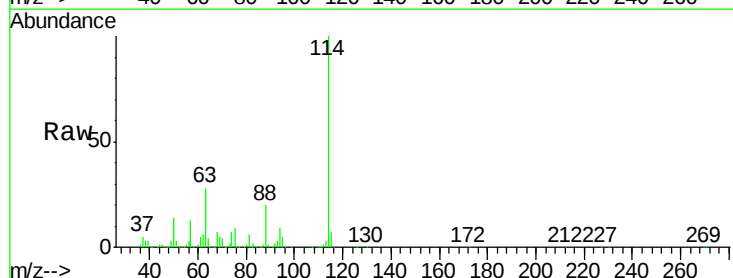
Tgt Ion: 114 Resp: 1978025

Ion Ratio Lower Upper

114 100

63 30.1 24.1 36.1

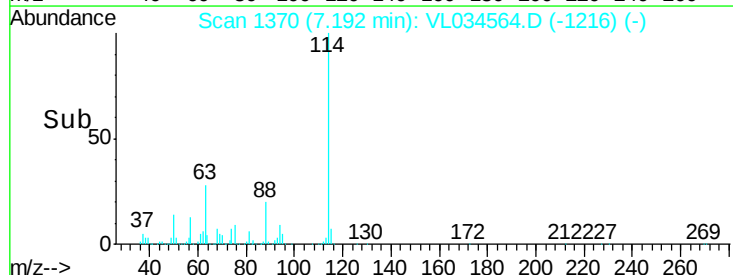
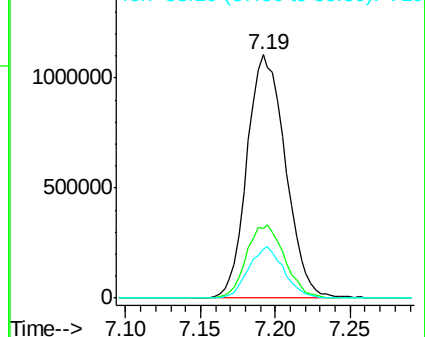
88 19.6 15.7 23.5

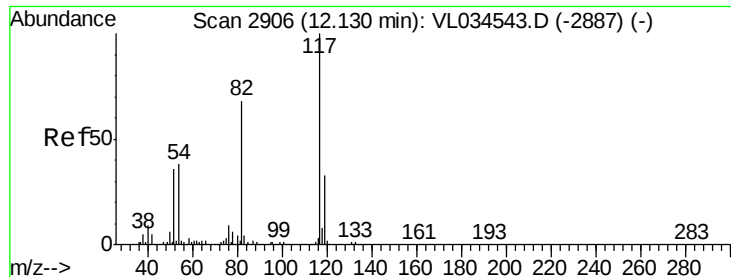


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

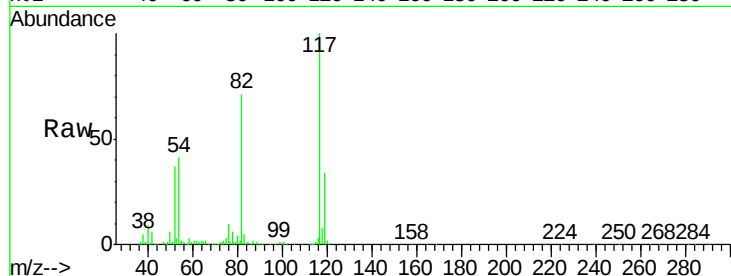




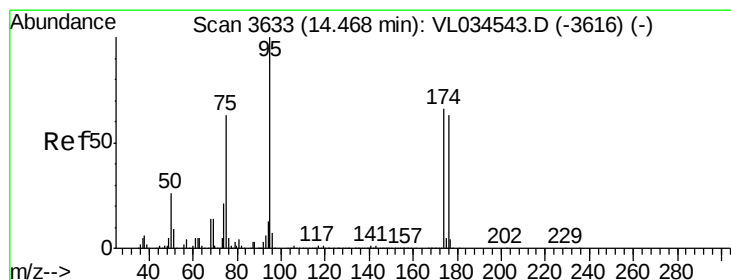
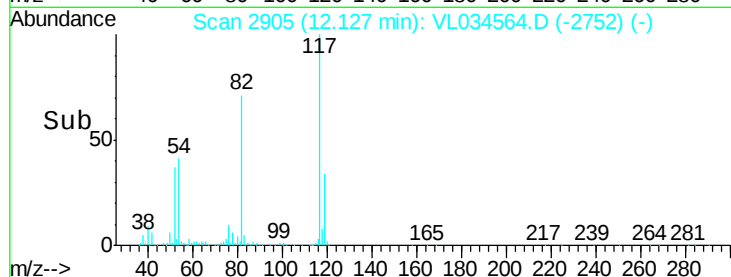
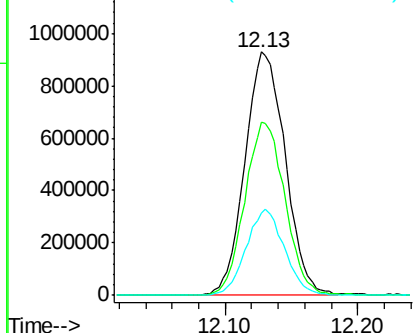
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.13 min Scan# 2905
Delta R.T. -0.01 min
Lab File: VL034564.D
Acq: 27 Jan 2020 17:00

Instrument :
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Tot Ion:117 Resp: 1966805
Ion Ratio Lower Upper
117 100
82 71.4 56.2 84.4
119 33.6 27.1 40.7

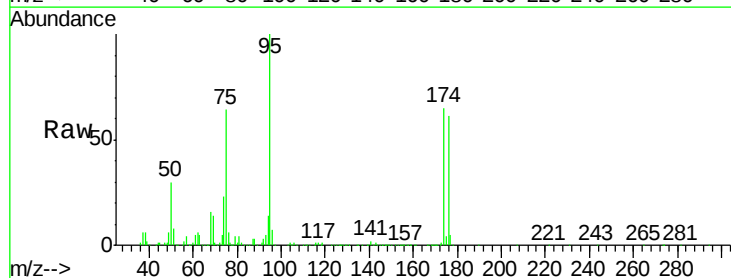


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.047 ppbv
RT: 14.47 min Scan# 3633
Delta R.T. -0.00 min
Lab File: VL034564.D
Acq: 27 Jan 2020 17:00

Tgt Ion: 95 Resp: 1649003
Ion Ratio Lower Upper
95 100
174 64.0 52.4 78.6
175 4.5 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

