

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050619\
 Data File : VL033669.D
 Acq On : 6 May 2019 21:46
 Operator : SY/AP
 Sample : OC042519 CAN 10319
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC042519 CAN 10319

Quant Time: May 07 08:41:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050619AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon May 06 15:19:01 2019
 QLast Update : Mon May 06 15:19:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	851086	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	1950288	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2057115	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1716070	10.18	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.80%

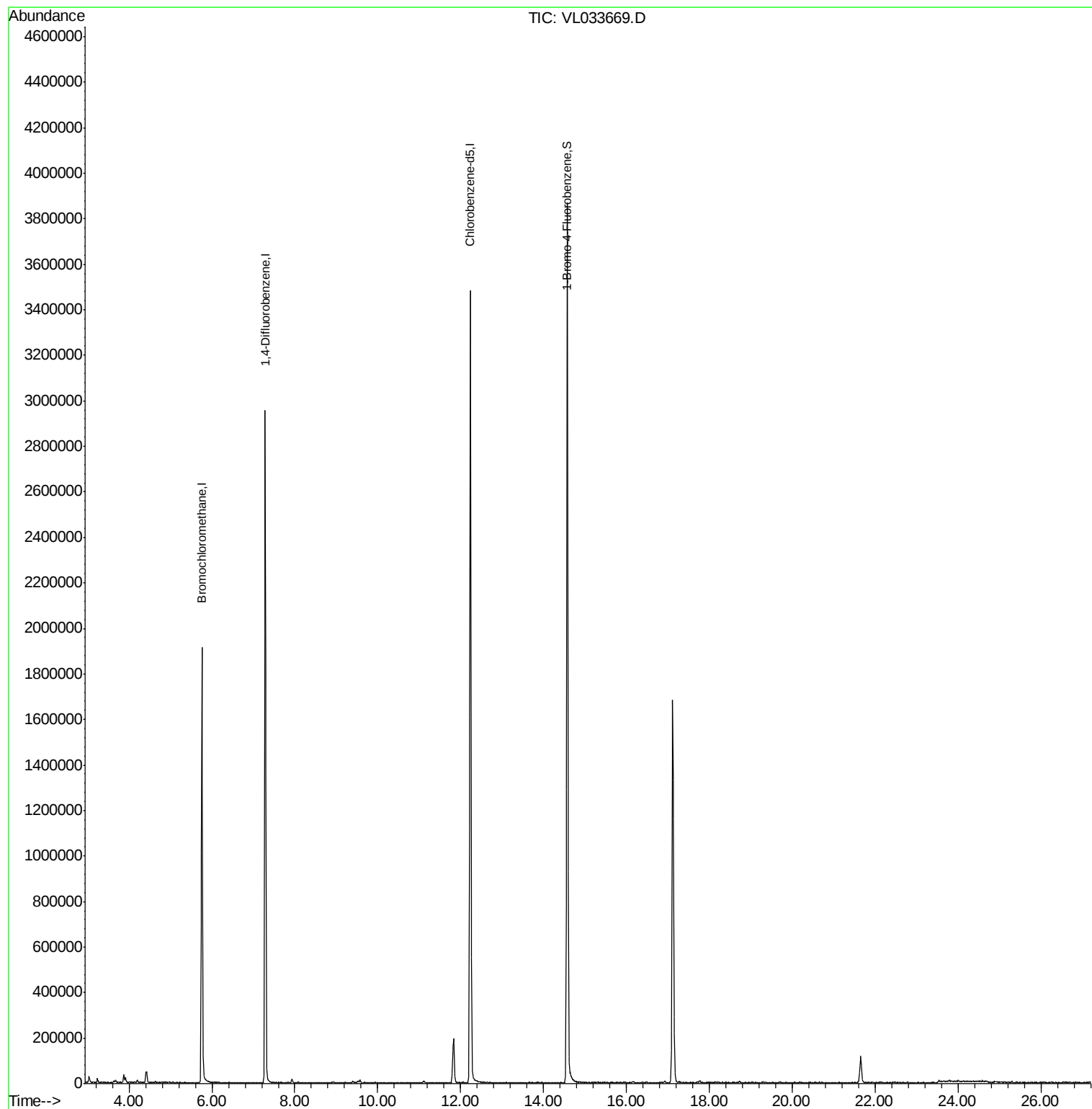
Target Compounds	Ovalue

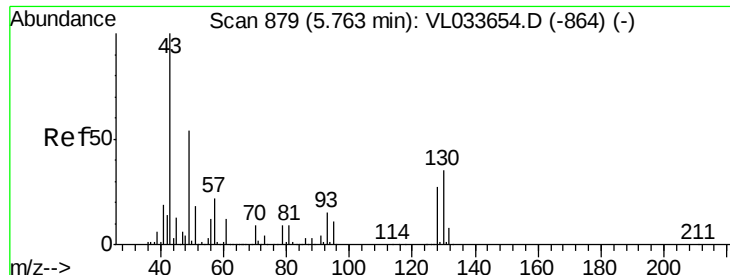
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 877

Delta R.T. -0.01 min

Lab File: VL033669.D

Acq: 6 May 2019 21:46

Instrument :

MSVOA_L

ClientSampleId :

QC042519 CAN 10319

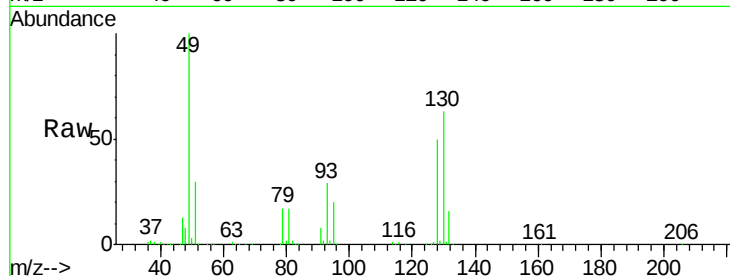
Tot Ion: 49 Resp: 851086

Ion Ratio Lower Upper

49 100

128 48.7 24.8 74.3

130 62.7 32.1 96.5



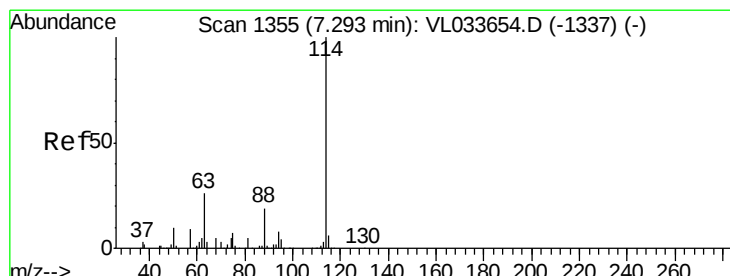
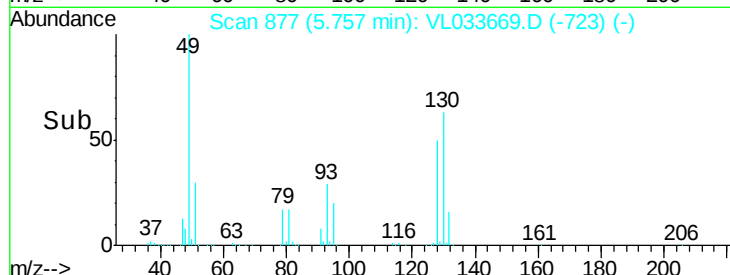
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.76

Time--> 5.65 5.70 5.75 5.80 5.85



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.28 min Scan# 1352

Delta R.T. -0.01 min

Lab File: VL033669.D

Acq: 6 May 2019 21:46

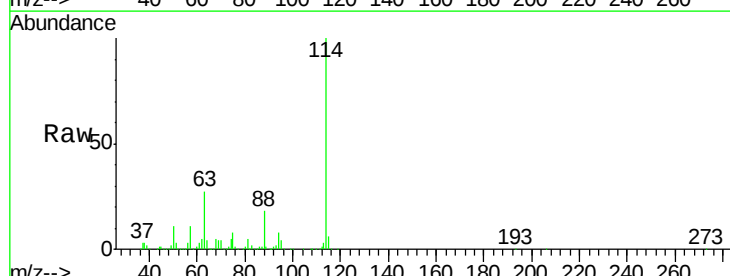
Tgt Ion: 114 Resp: 1950288

Ion Ratio Lower Upper

114 100

63 26.9 21.3 31.9

88 18.2 14.4 21.6



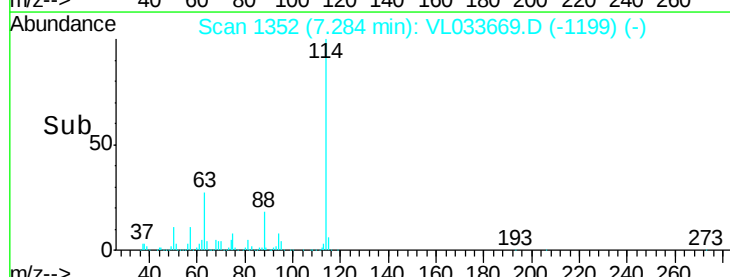
Abundance Ion 114.10 (113.80 to 114.80): VL0

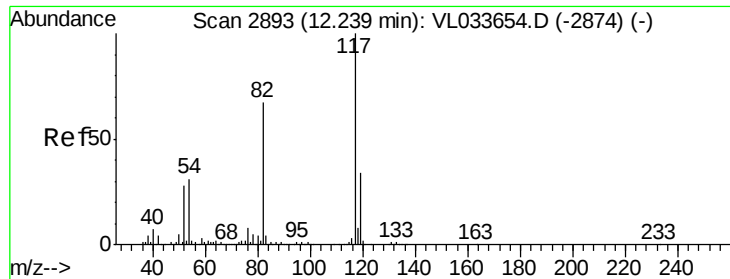
Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

7.28

Time--> 7.20 7.25 7.30 7.35

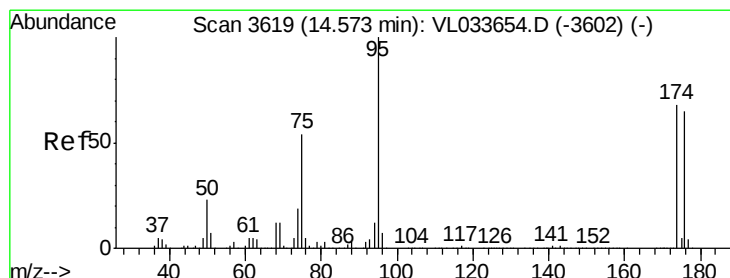
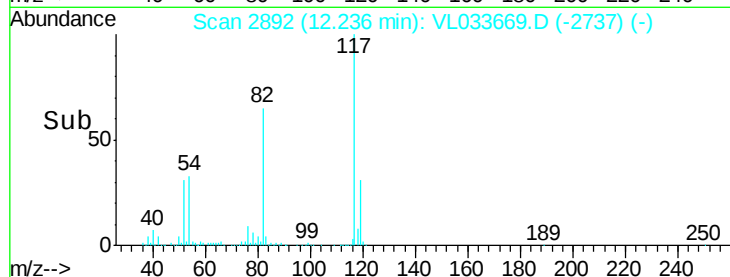
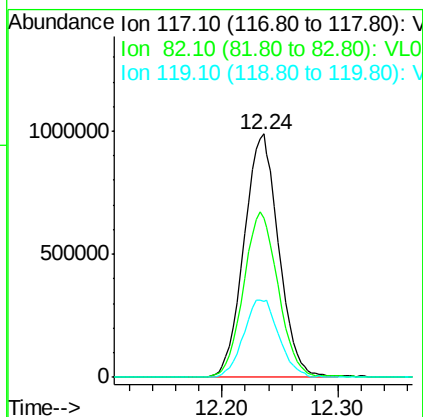
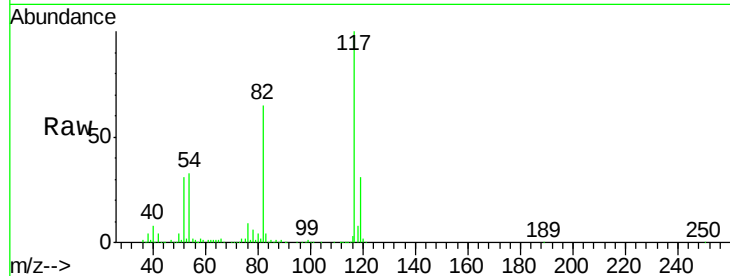




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2892
Delta R.T. -0.00 min
Lab File: VL033669.D
Acq: 6 May 2019 21:46

Instrument :
MSVOA_L
ClientSampleId :
QC042519 CAN 10319

Tot Ion:117 Resp: 2057115
Ion Ratio Lower Upper
117 100
82 68.6 49.7 74.5
119 32.5 24.8 37.2



#68
1-Bromo-4-Fluorobenzene
Concen: 10.177 ppbv
RT: 14.57 min Scan# 3618
Delta R.T. -0.00 min
Lab File: VL033669.D
Acq: 6 May 2019 21:46

Tgt Ion: 95 Resp: 1716070
Ion Ratio Lower Upper
95 100
174 66.4 54.0 81.0
175 4.7 3.8 5.8

