

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111919\
Data File : VL034384.D
Acq On : 19 Nov 2019 18:11
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Nov 20 05:40:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 20 03:30:54 2019
QLast Update : Wed Nov 20 03:30:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1033159	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	2027186	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.14	117	1958214	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.47	95	1691694	10.27	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.70%

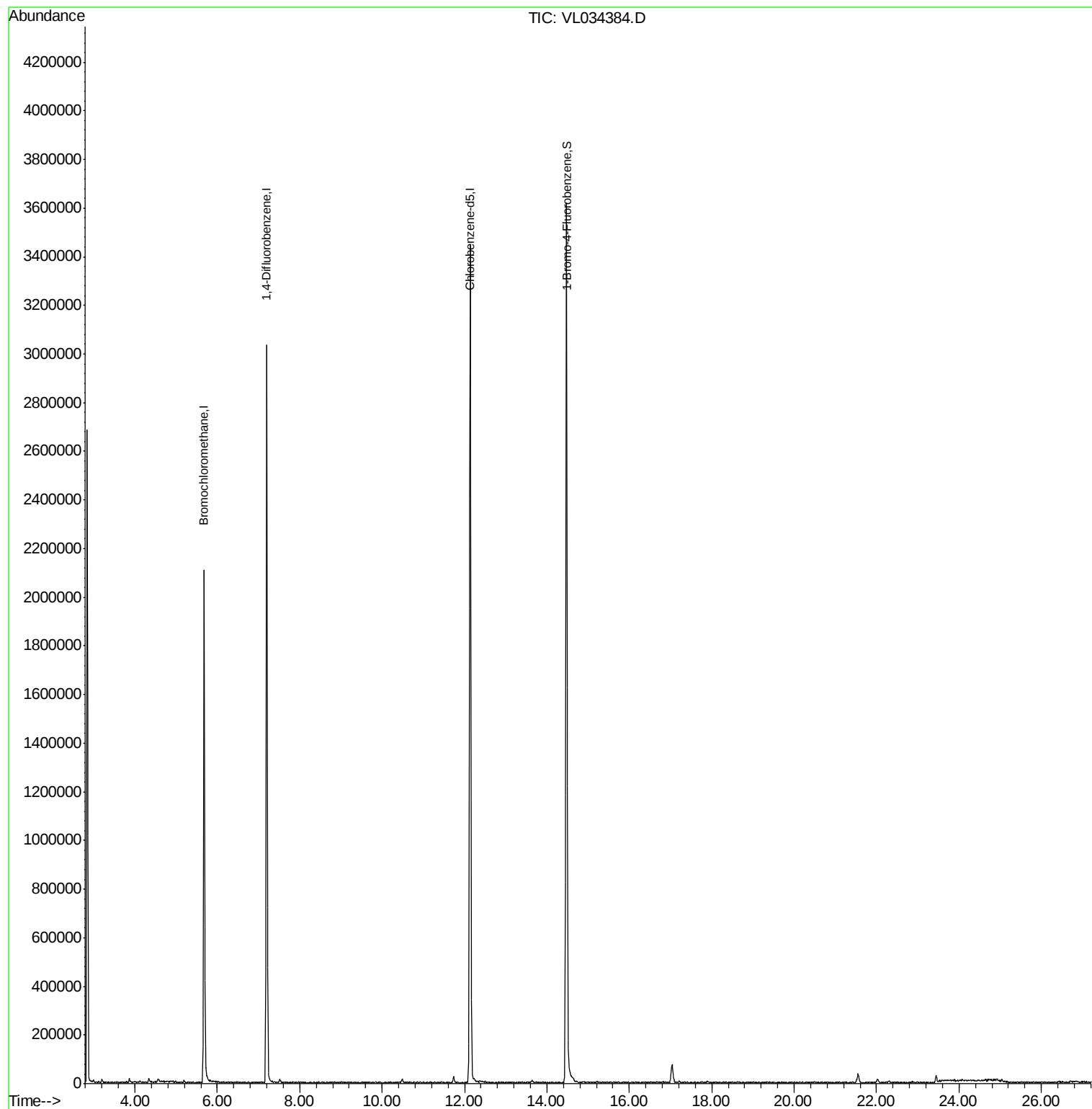
Target Compounds	Ovalue
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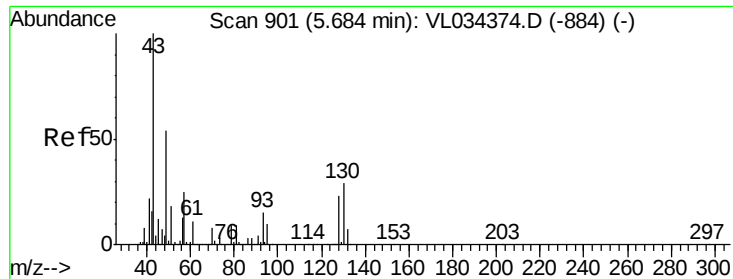
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 899

Delta R.T. -0.01 min

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Instrument :

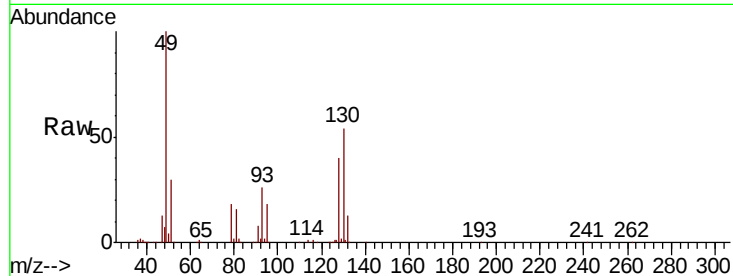
MSVOA_L

ClientSampleId :

VIBLK

Tot Ion: 49 Resp: 1033159

Ion	Ratio	Lower	Upper
49	100		
128	42.4	21.8	65.3
130	54.4	28.0	84.0

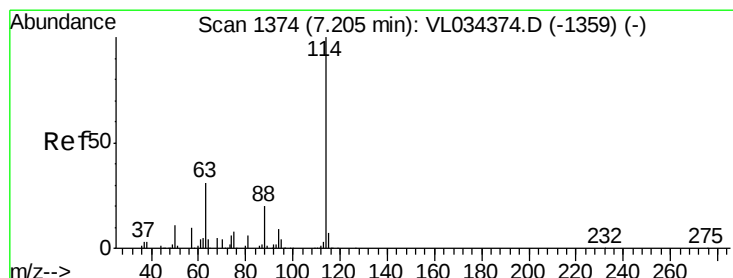
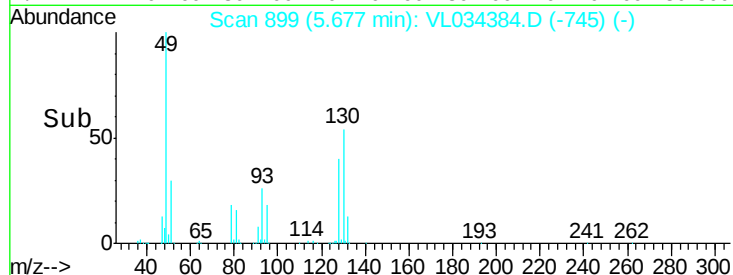
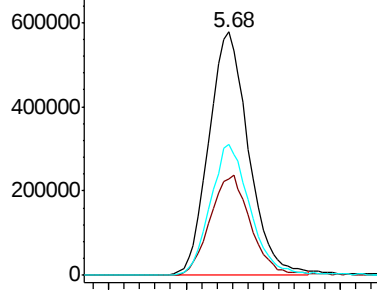


Abundance

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: 7.20 min Scan# 1372

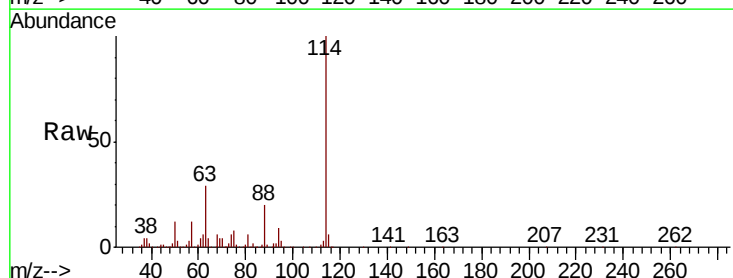
Delta R.T. -0.01 min

Lab File: VL034384.D

Acq: 19 Nov 2019 18:11

Tgt Ion: 114 Resp: 2027186

Ion	Ratio	Lower	Upper
114	100		
63	29.7	24.2	36.4
88	20.0	15.9	23.9

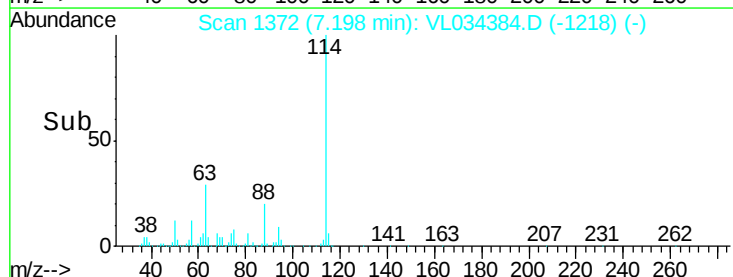
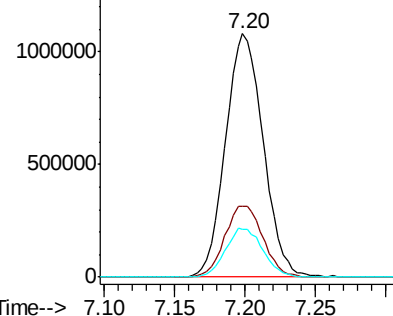


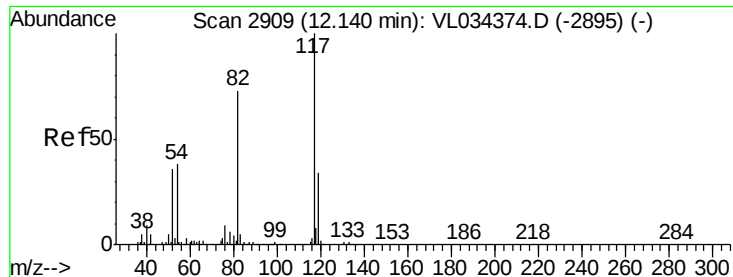
Abundance

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

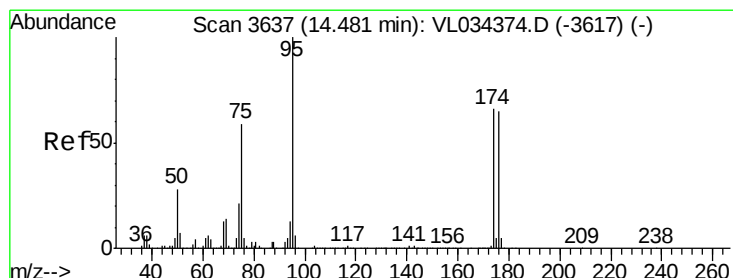
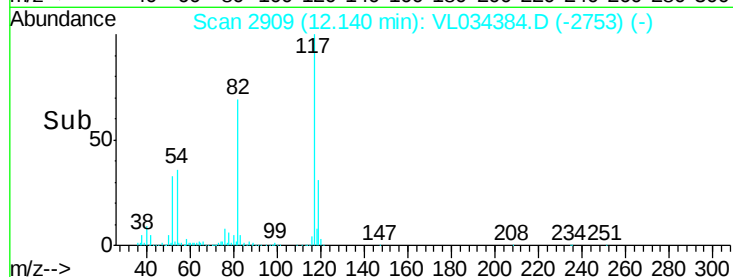
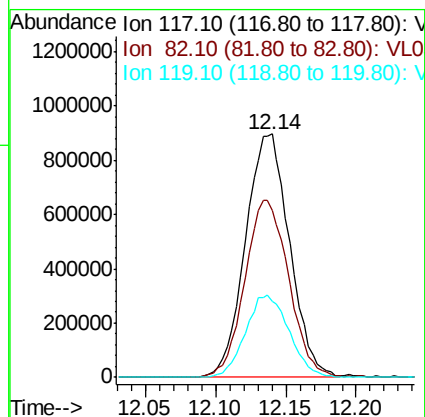
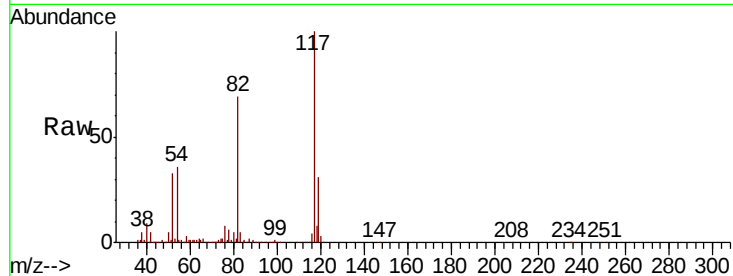




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.14 min Scan# 2909
Delta R.T. 0.00 min
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Instrument :
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ClientSampleId :
VIBLK

Tot Ion:117 Resp: 1958214
Ion Ratio Lower Upper
117 100
82 73.2 57.5 86.3
119 33.5 25.4 38.2



#68
1-Bromo-4-Fluorobenzene
Concen: 10.269 ppbv
RT: 14.47 min Scan# 3635
Delta R.T. -0.01 min
Lab File: VL034384.D
Acq: 19 Nov 2019 18:11

Tgt Ion: 95 Resp: 1691694
Ion Ratio Lower Upper
95 100
174 65.2 52.2 78.2
175 4.7 3.8 5.8

