

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090518\
Data File : VL032478.D
Acq On : 6 Sep 2018 5:47
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Sep 06 07:20:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL083118AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 31 21:33:46 2018
QLast Update : Fri Aug 31 21:33:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.80	49	1461578	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.33	114	2900623	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.29	117	2731423	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.62	95	2067715	10.20	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.00%

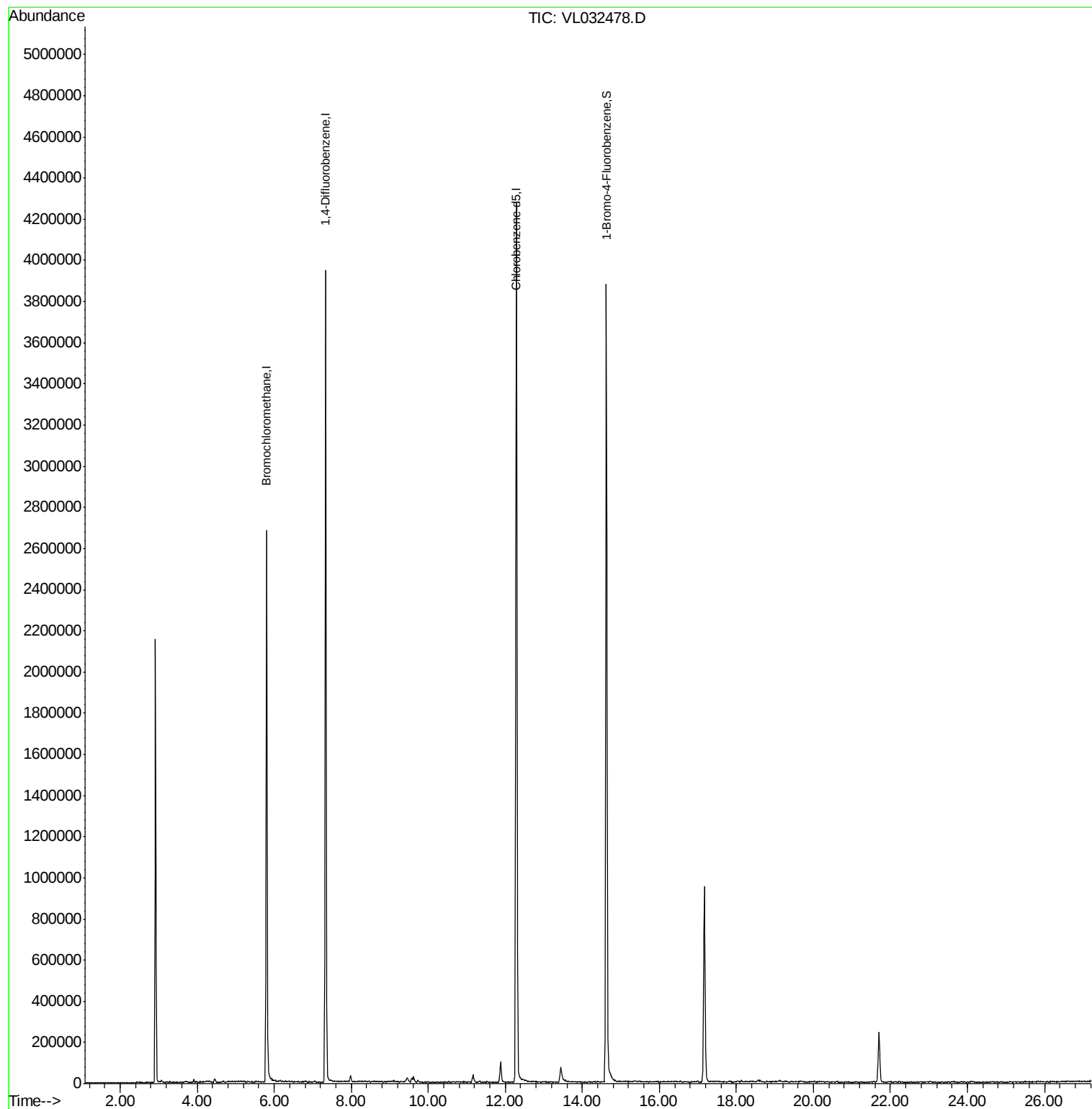
Target Compounds	Ovalue
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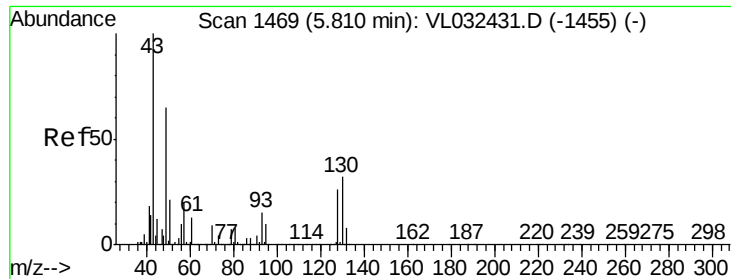
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.80 min Scan# 1466

Delta R.T. -0.01 min

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Instrument :

MSVOA_L

ClientSampleId :

VIBLK

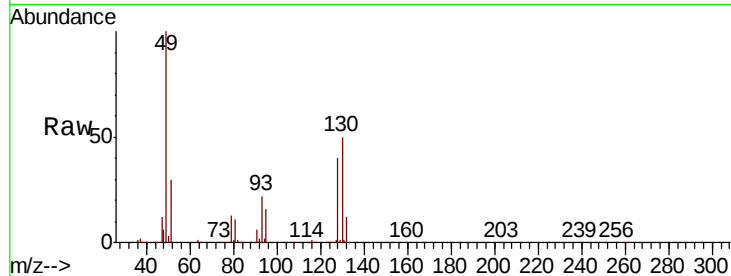
Tot Ion: 49 Resp: 1461578

Ion Ratio Lower Upper

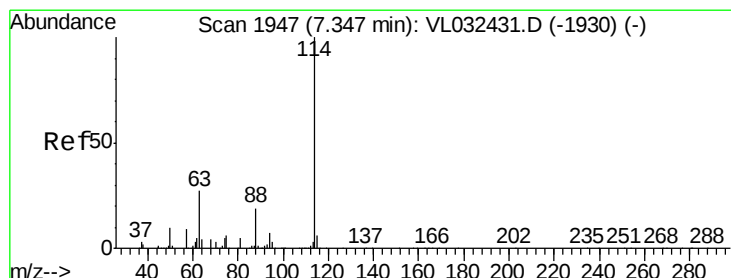
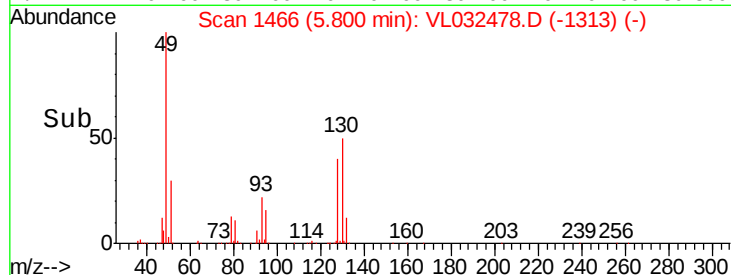
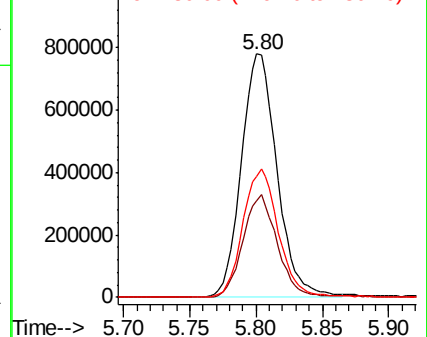
49 100

128 41.2 20.7 62.1

130 53.0 26.6 79.7



Abundance Ion 49.10 (48.80 to 49.80): VL0
Ion 128.00 (127.70 to 128.70): V
Ion 130.00 (129.70 to 130.70): V



#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.33 min Scan# 1943

Delta R.T. -0.01 min

Lab File: VL032478.D

Acq: 6 Sep 2018 5:47

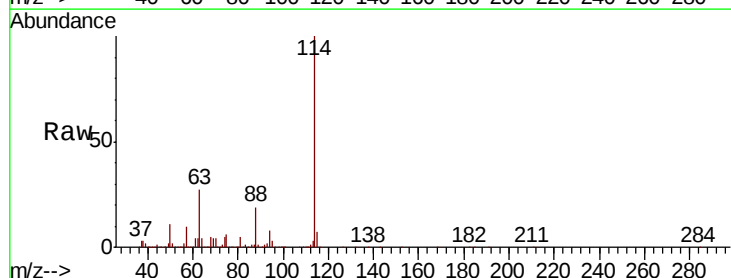
Tgt Ion:114 Resp: 2900623

Ion Ratio Lower Upper

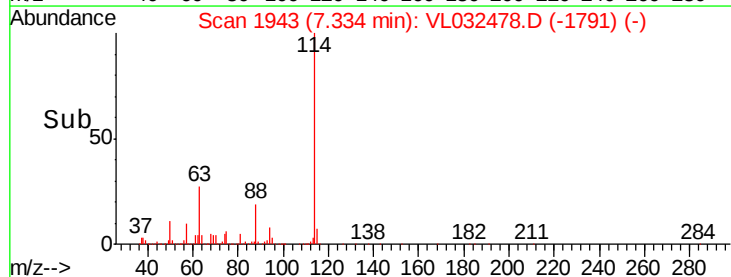
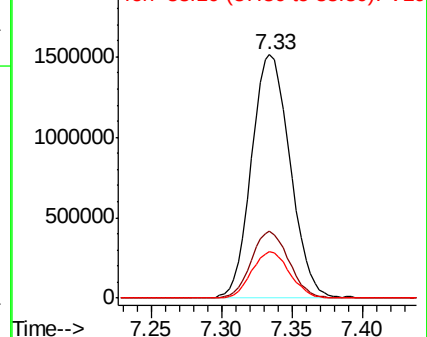
114 100

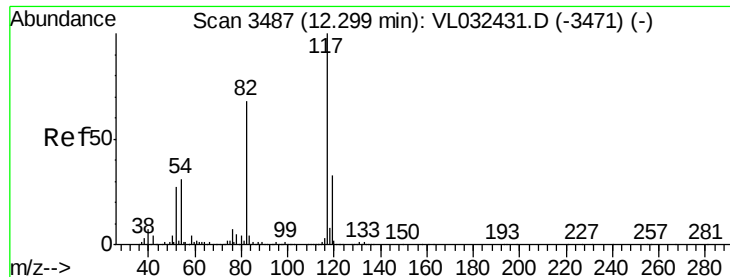
63 27.0 22.2 33.4

88 18.8 15.0 22.4



Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0

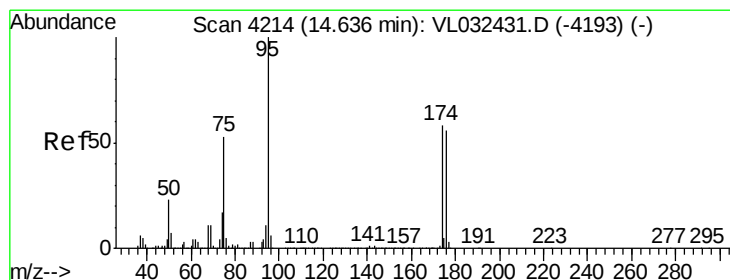
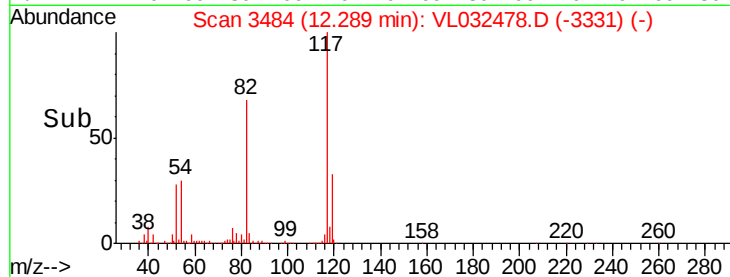
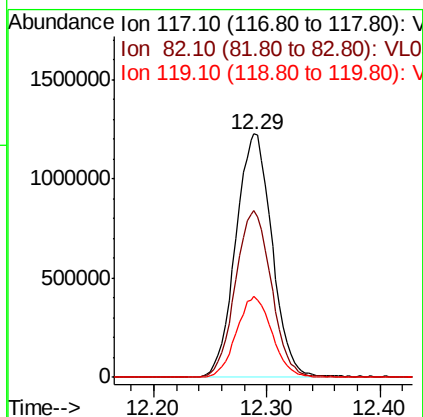
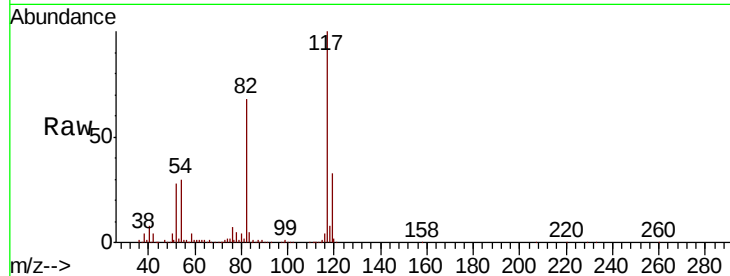




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.29 min Scan# 3484
Delta R.T. -0.01 min
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Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tot Ion:117 Resp: 2731423
Ion Ratio Lower Upper
117 100
82 68.3 53.0 79.6
119 32.9 45.9 68.9#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.20 ppbv
RT: 14.62 min Scan# 4210
Delta R.T. -0.01 min
Lab File: VL032478.D
Acq: 6 Sep 2018 5:47

Tgt Ion: 95 Resp: 2067715
Ion Ratio Lower Upper
95 100
174 56.5 46.3 69.5
175 4.2 3.4 5.0

