

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL092418\
Data File : VL032524.D
Acq On : 25 Sep 2018 00:58
Operator : SY/AP
Sample : QC091118 CAN 10289
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC091118 CAN 10289

Quant Time: Sep 25 06:10:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL092418AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Sep 25 05:17:15 2018
QLast Update : Tue Sep 25 05:17:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.79	49	1541056	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.32	114	3353070	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.27	117	3258576	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.61	95	2447872	9.96	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.60%

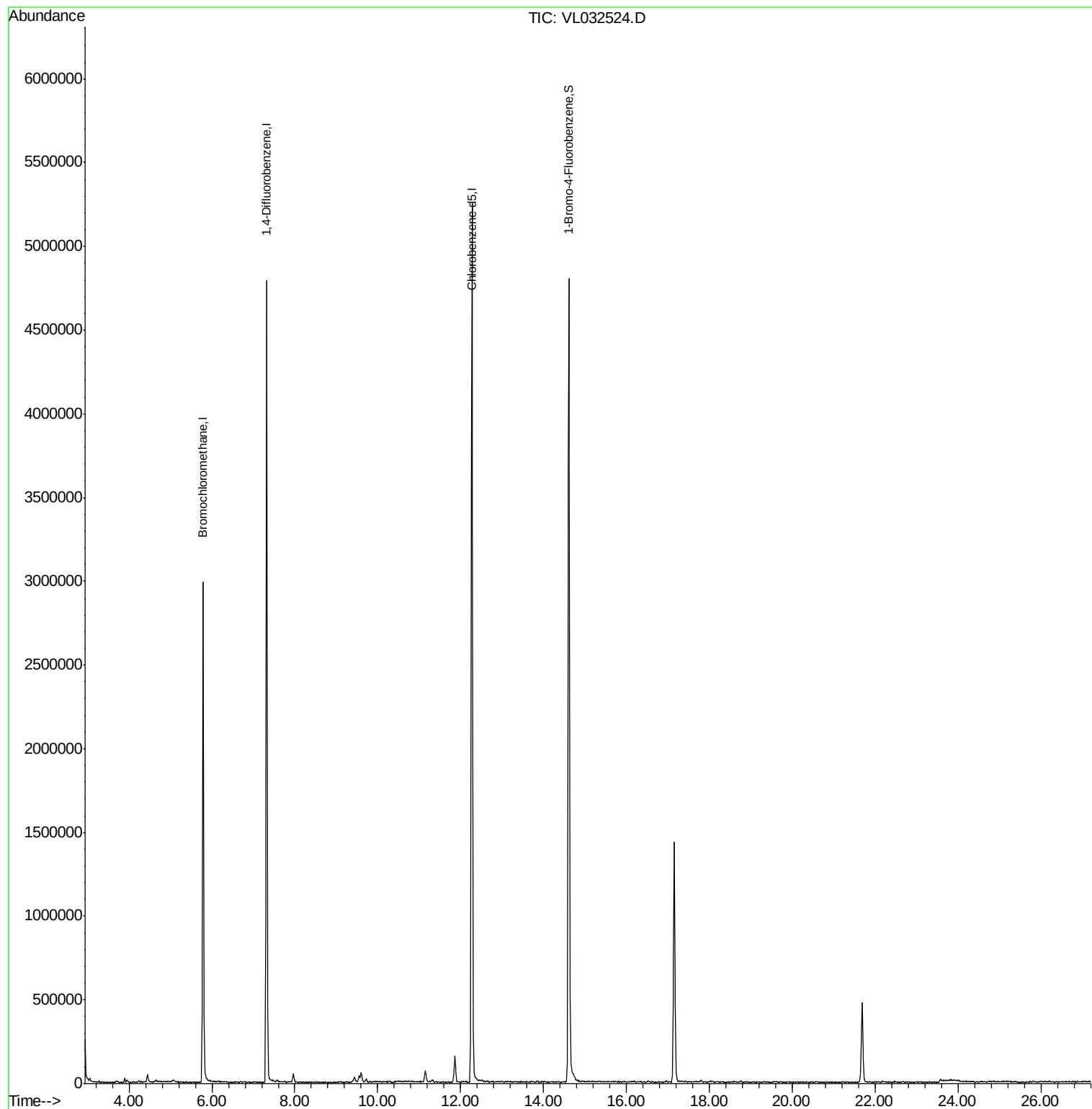
Target Compounds	Ovalue
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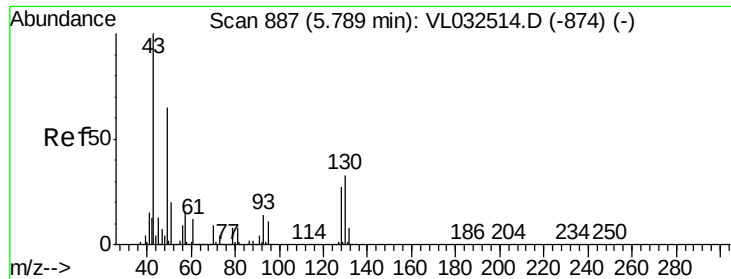
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.79 min Scan# 886

Delta R.T. -0.02 min

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MSVOA_L

ClientSampleId :

QC091118 CAN 10289

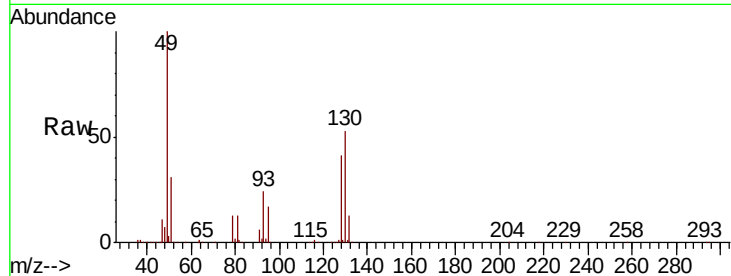
Tot Ion: 49 Resp: 1541056

Ion Ratio Lower Upper

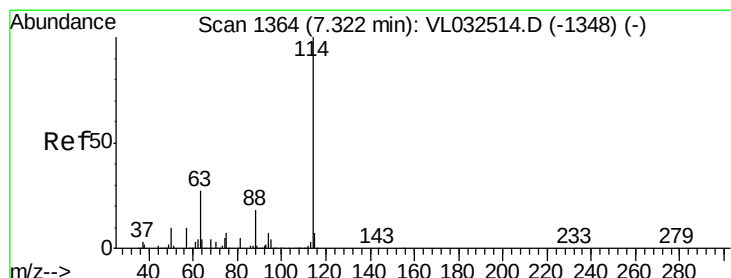
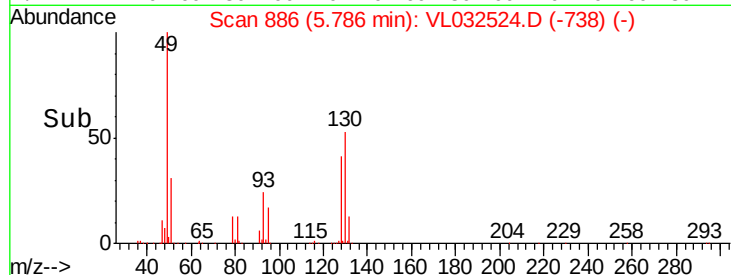
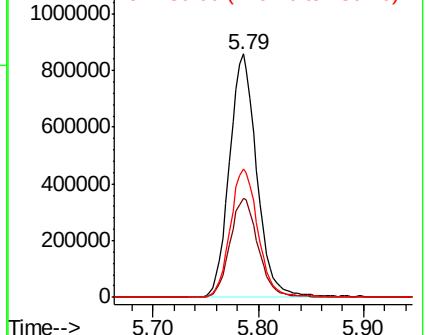
49 100

128 42.1 20.7 62.1

130 54.1 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: 10.000 ppbv

RT: 7.32 min Scan# 1362

Delta R.T. -0.03 min

Lab File: VL032524.D

Acq: 25 Sep 2018 00:58

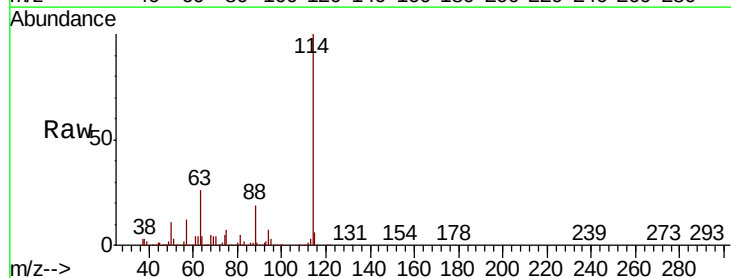
Tgt Ion:114 Resp: 3353070

Ion Ratio Lower Upper

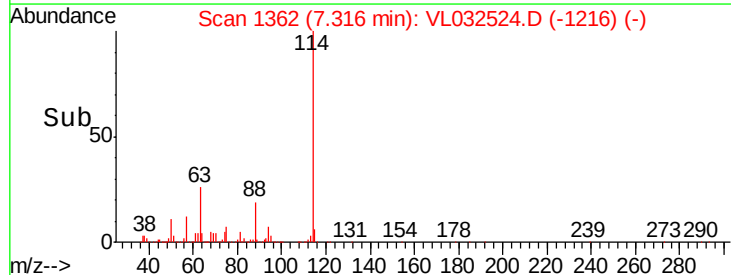
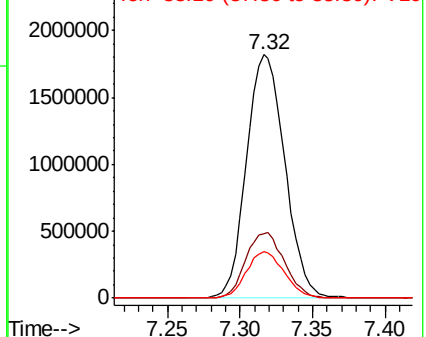
114 100

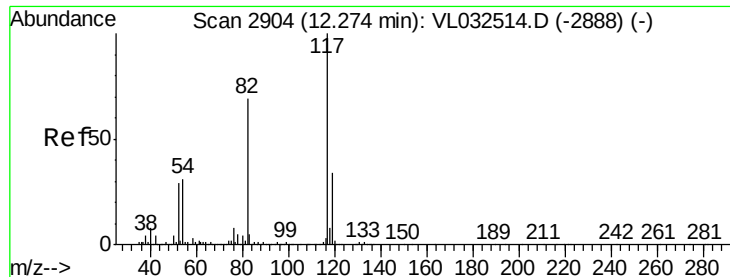
63 27.4 22.2 33.4

88 18.9 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

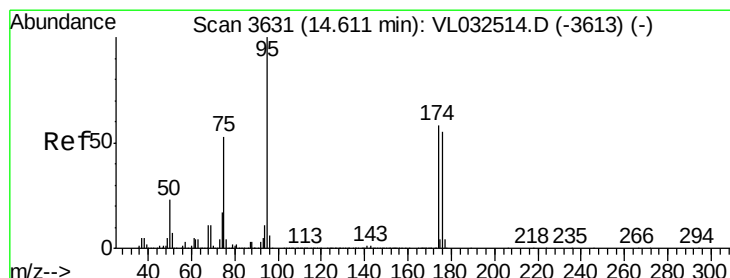
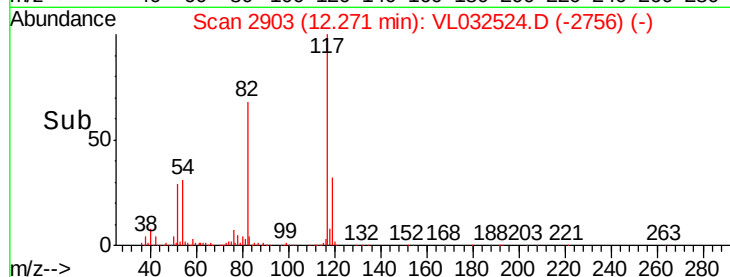
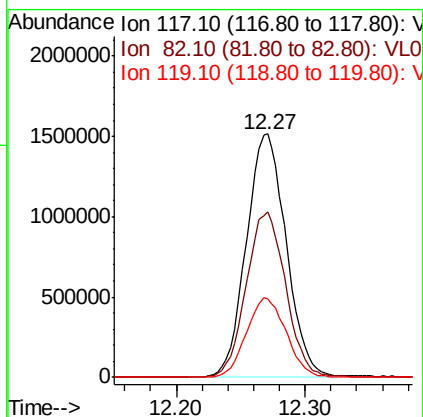
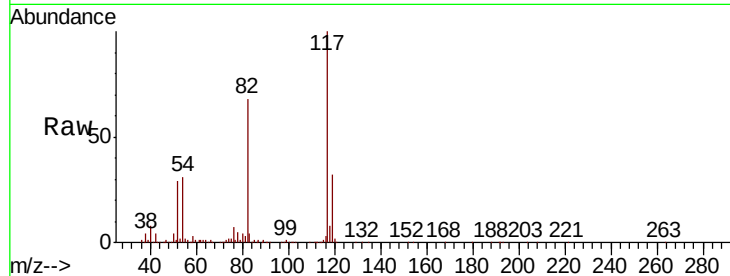




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.27 min Scan# 2903
Delta R.T. -0.03 min
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Instrument :
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Tot Ion:117 Resp: 3258576
Ion Ratio Lower Upper
117 100
82 68.0 53.0 79.6
119 32.8 45.9 68.9#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.961 ppbv
RT: 14.61 min Scan# 3630
Delta R.T. -0.03 min
Lab File: VL032524.D
Acq: 25 Sep 2018 00:58

Tgt Ion: 95 Resp: 2447872
Ion Ratio Lower Upper
95 100
174 58.2 46.3 69.5
175 4.2 3.4 5.0

