

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL102015\
Data File : VL026216.D
Acq On : 20 Oct 2015 21:11
Operator : SY/MD
Sample : VL1020ABL01
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1020ABL01

Quant Time: Oct 21 04:10:00 2015
Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL102015AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed Oct 21 01:20:55 2015
QLast Update : Wed Oct 21 01:20:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.63	49	549170	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	8.30	114	1598683	10.00	ppbv	-0.01
55) Chlorobenzene-d5	13.71	117	1882635	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	16.25	95	1524262	10.50	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.00%

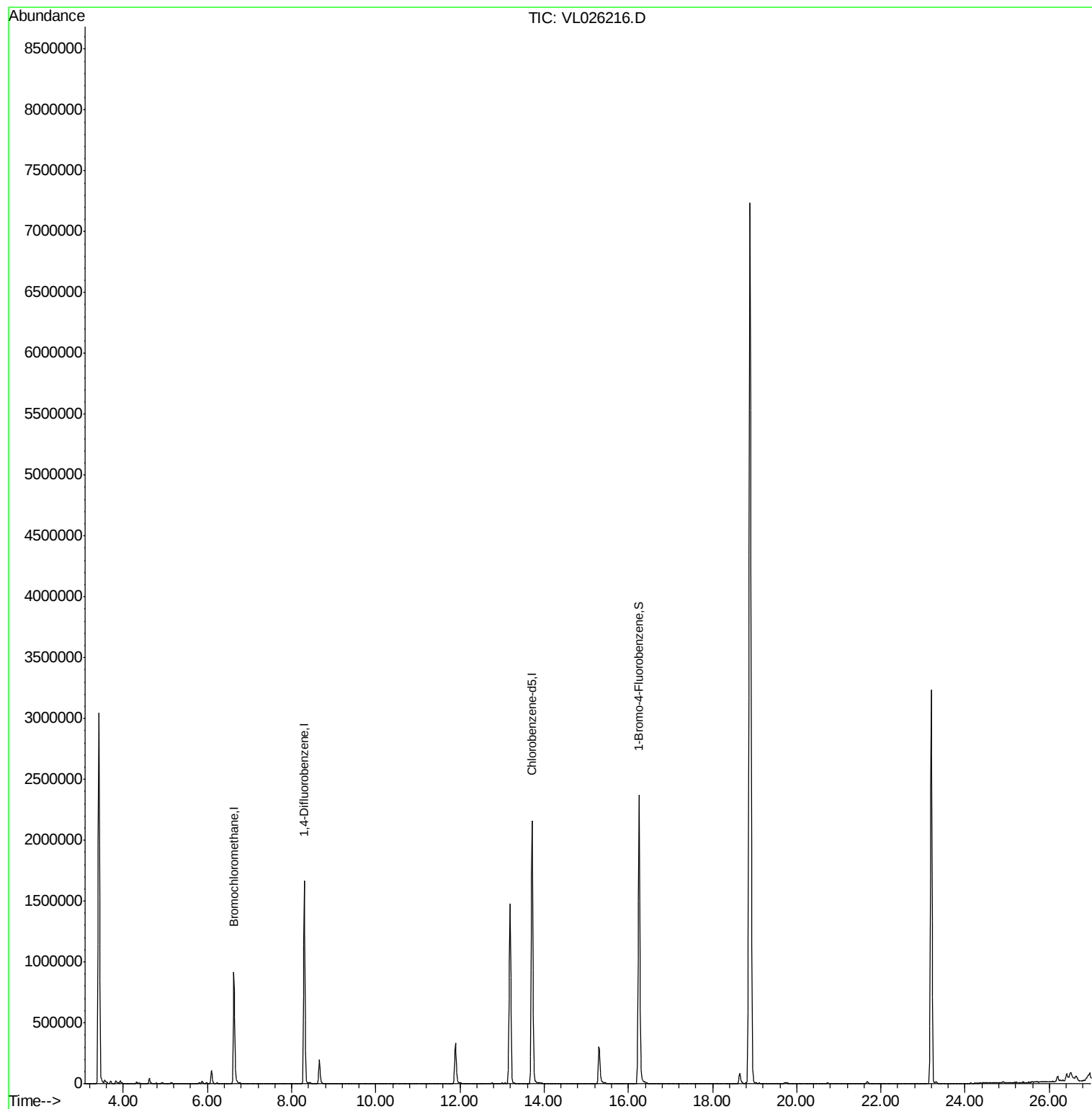
Target Compounds	Ovalue
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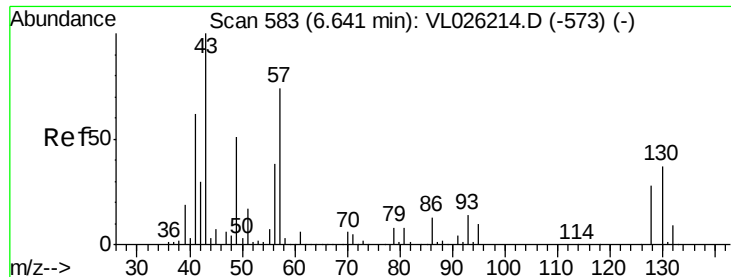
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 6.63 min Scan# 581

Delta R.T. -0.01 min

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Instrument :

MSVOA_L

ClientSampleId :

VL1020ABL01

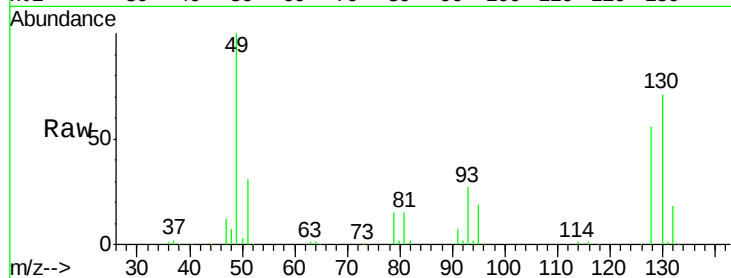
Tot Ion: 49 Resp: 549170

Ion Ratio Lower Upper

49 100

128 57.1 28.2 84.7

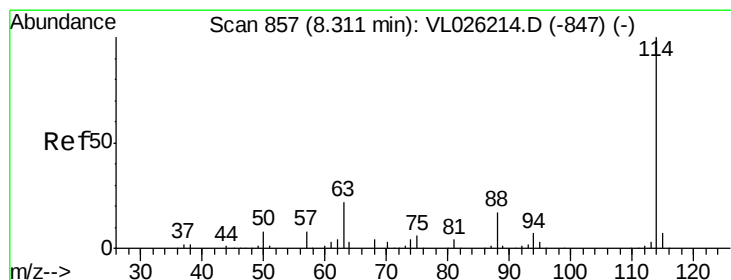
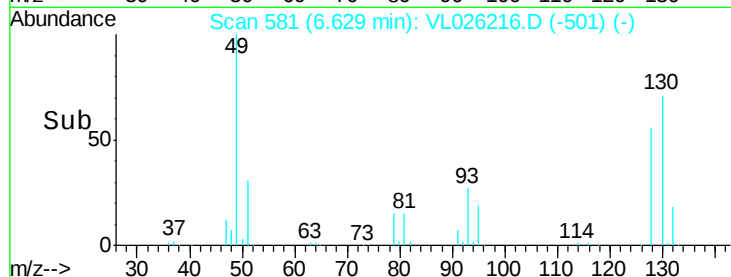
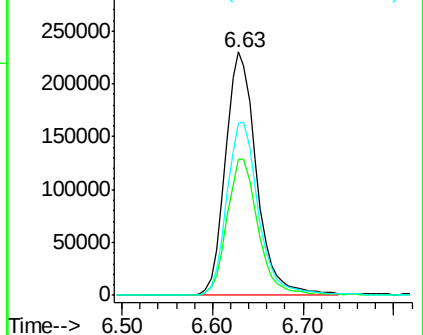
130 73.8 36.0 108.1



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: 10.00 ppbv

RT: 8.30 min Scan# 855

Delta R.T. -0.01 min

Lab File: VL026216.D

Acq: 20 Oct 2015 21:11

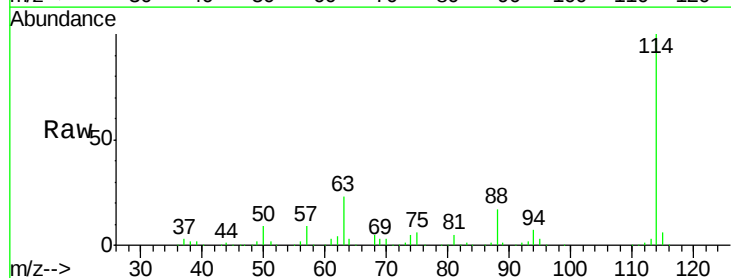
Tgt Ion: 114 Resp: 1598683

Ion Ratio Lower Upper

114 100

63 22.5 18.2 27.4

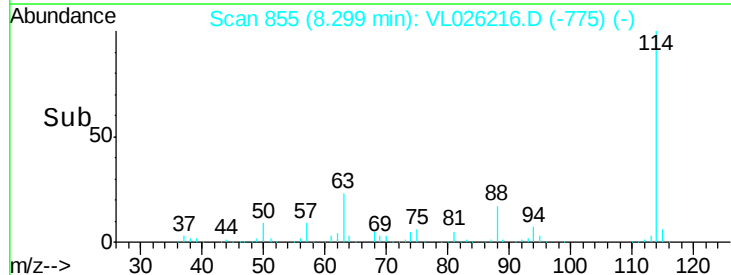
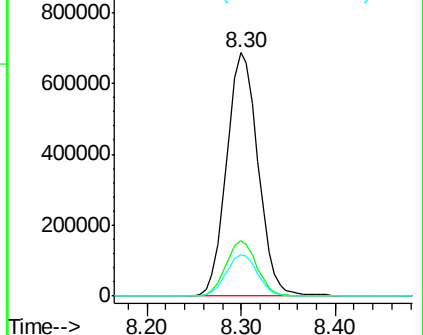
88 17.2 13.5 20.3

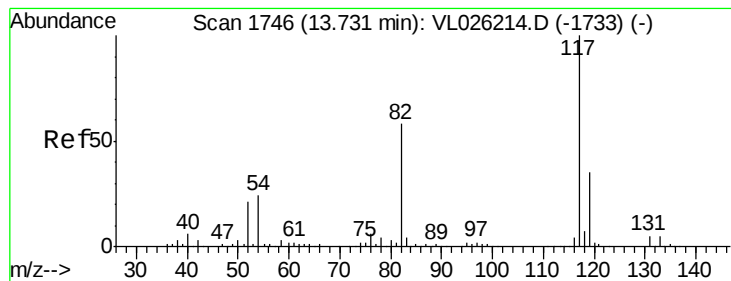


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0





#55

Chlorobenzene-d5

Concen: 10.00 ppbv

RT: 13.71 min Scan# 1743

Delta R.T. -0.02 min

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Acq: 20 Oct 2015 21:11

Instrument :

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ClientSampleId :

VL1020ABL01

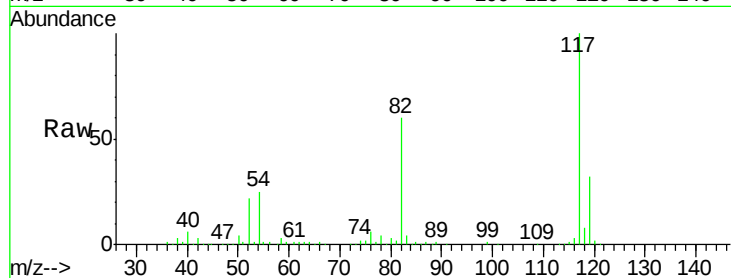
Tot Ion:117 Resp: 1882635

Ion Ratio Lower Upper

117 100

82 60.1 45.8 68.8

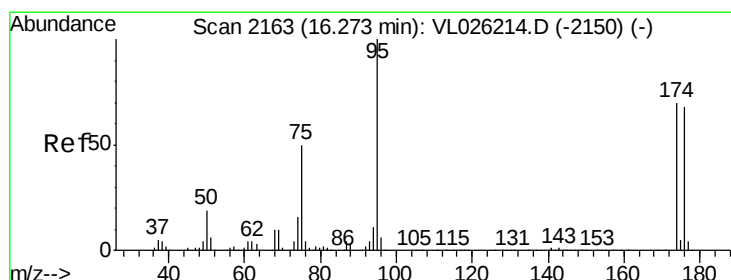
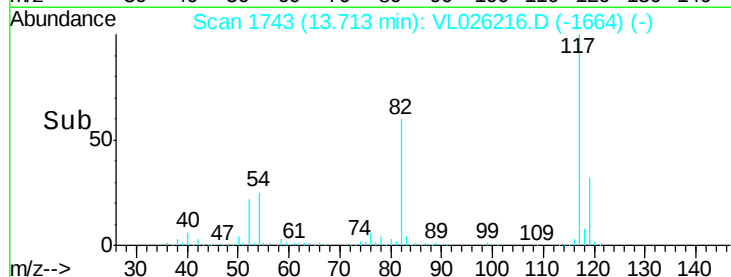
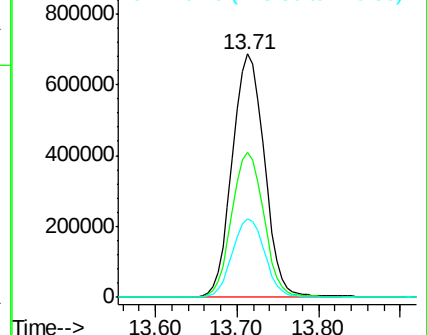
119 32.8 45.0 67.4#



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: 10.50 ppbv

RT: 16.25 min Scan# 2160

Delta R.T. -0.02 min

Lab File: VL026216.D

Acq: 20 Oct 2015 21:11

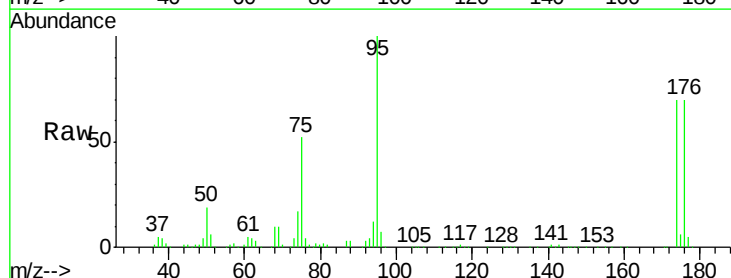
Tgt Ion: 95 Resp: 1524262

Ion Ratio Lower Upper

95 100

174 70.4 55.8 83.8

175 5.5 4.3 6.5



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

