

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL072715\
Data File : VL025753.D
Acq On : 27 Jul 2015 14:49
Operator : SY/MD
Sample : QC072315 CAN 10591
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC072315 CAN 10591

Quant Time: Jul 28 01:17:17 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed Jul 08 02:22:55 2015
QLast Update : Wed Jul 08 02:22:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.65	49	595151	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	8.32	114	1594017	10.00	ppbv	0.00
55) Chlorobenzene-d5	13.75	117	1960777	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	16.29	95	1710585	10.34	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.40%

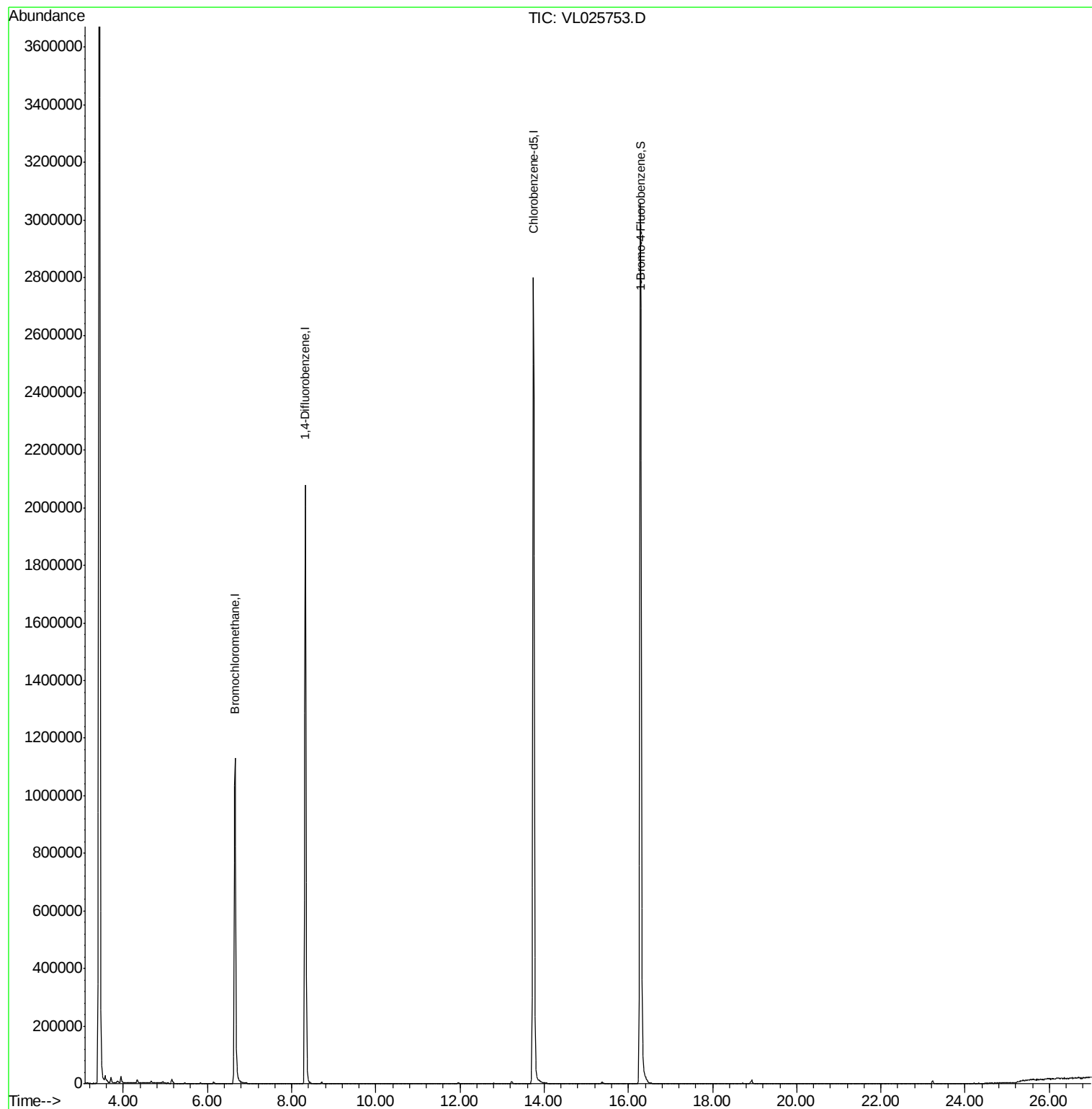
Target Compounds	Qvalue
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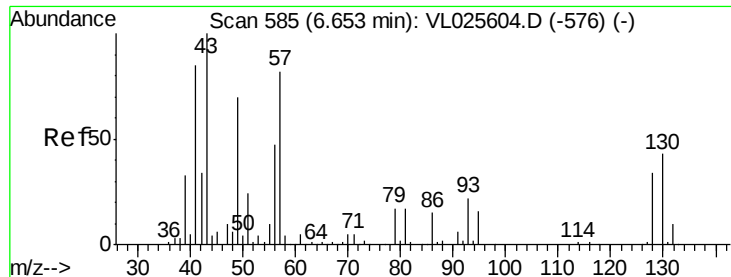
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 6.65 min Scan# 585

Delta R.T. 0.00 min

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Instrument :

MSVOA_L

ClientSampleId :

QC072315 CAN 10591

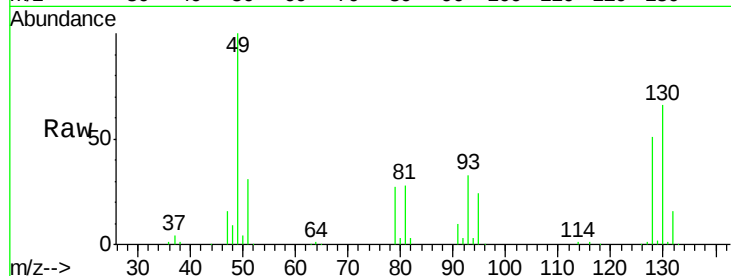
Tgt Ion: 49 Resp: 595151

Ion Ratio Lower Upper

49 100

128 51.7 25.4 76.0

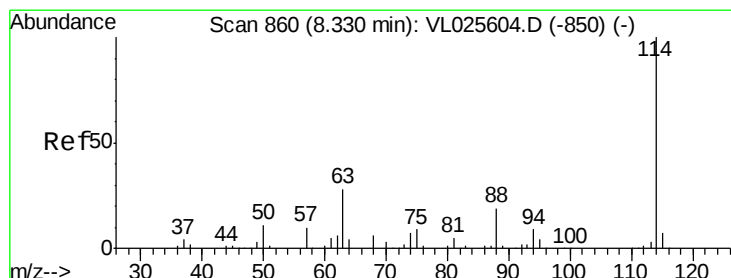
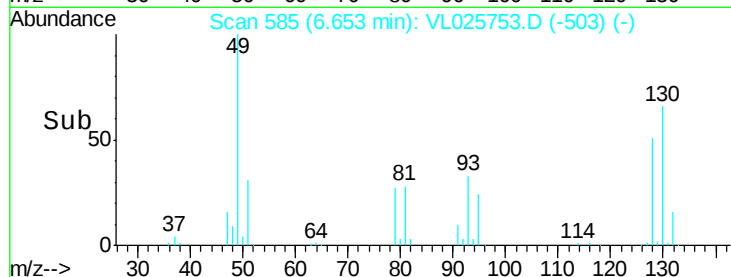
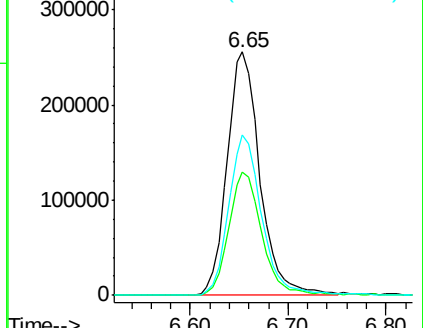
130 67.3 31.9 95.9



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: 8.32 min Scan# 859

Delta R.T. -0.01 min

Lab File: VL025753.D

Acq: 27 Jul 2015 14:49

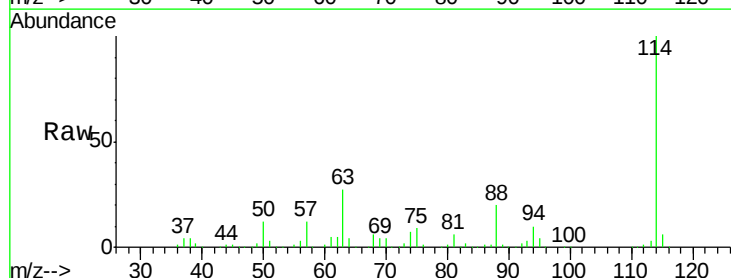
Tgt Ion: 114 Resp: 1594017

Ion Ratio Lower Upper

114 100

63 27.8 22.4 33.6

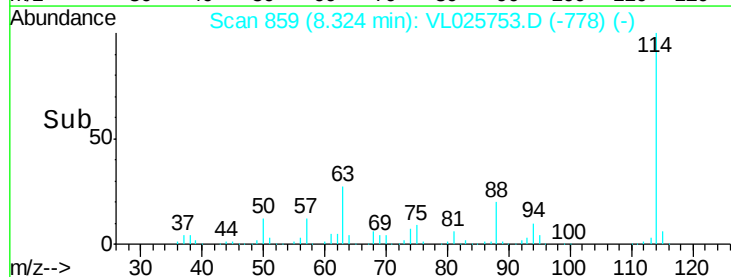
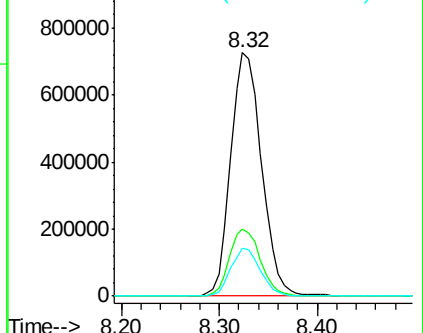
88 18.9 15.0 22.4

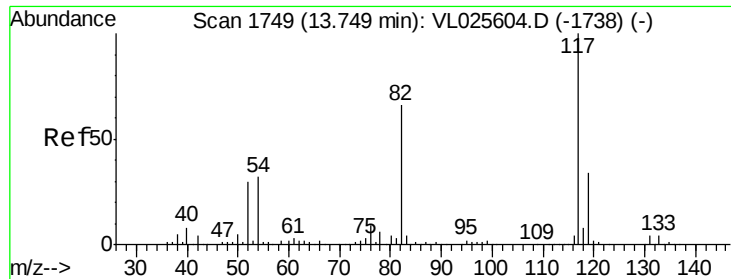


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

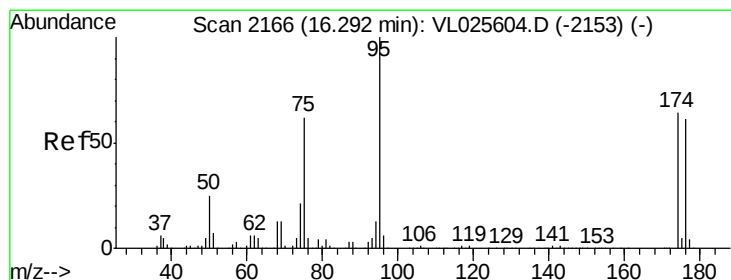
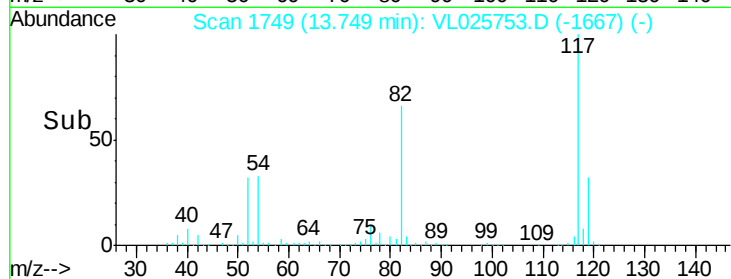
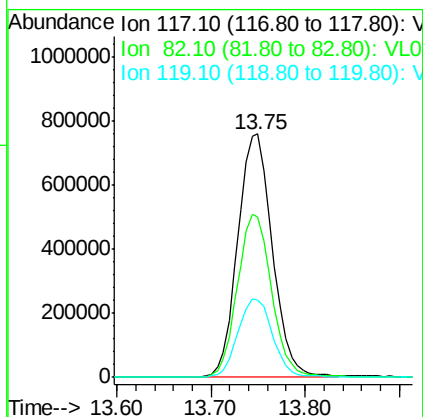
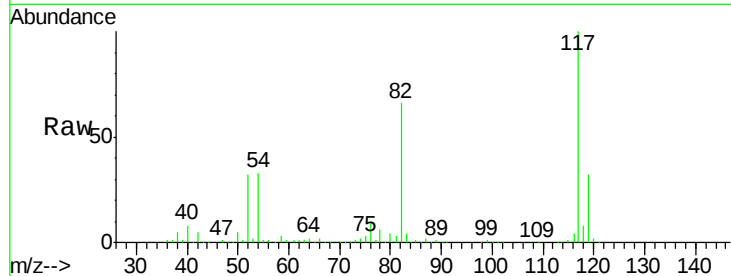




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.75 min Scan# 1749
Delta R.T. 0.00 min
Lab File: VL025753.D
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Instrument :
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Tgt Ion:117 Resp: 1960777
Ion Ratio Lower Upper
117 100
82 66.9 50.5 75.7
119 32.7 45.1 67.7#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.34 ppbv
RT: 16.29 min Scan# 2165
Delta R.T. -0.01 min
Lab File: VL025753.D
Acq: 27 Jul 2015 14:49

Tgt Ion: 95 Resp: 1710585
Ion Ratio Lower Upper
95 100
174 63.0 52.0 78.0
175 4.8 3.9 5.9

