

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL102115\
Data File : VL026234.D
Acq On : 21 Oct 2015 11:18
Operator : SY/MD
Sample : VL1021ABL01
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1021ABL01

Quant Time: Oct 22 09:14:02 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	6.62	49	512677	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	8.29	114	1485392	10.00	ppbv	-0.02
55) Chlorobenzene-d5	13.70	117	1758930	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	16.24	95	1426277	10.51	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.10%

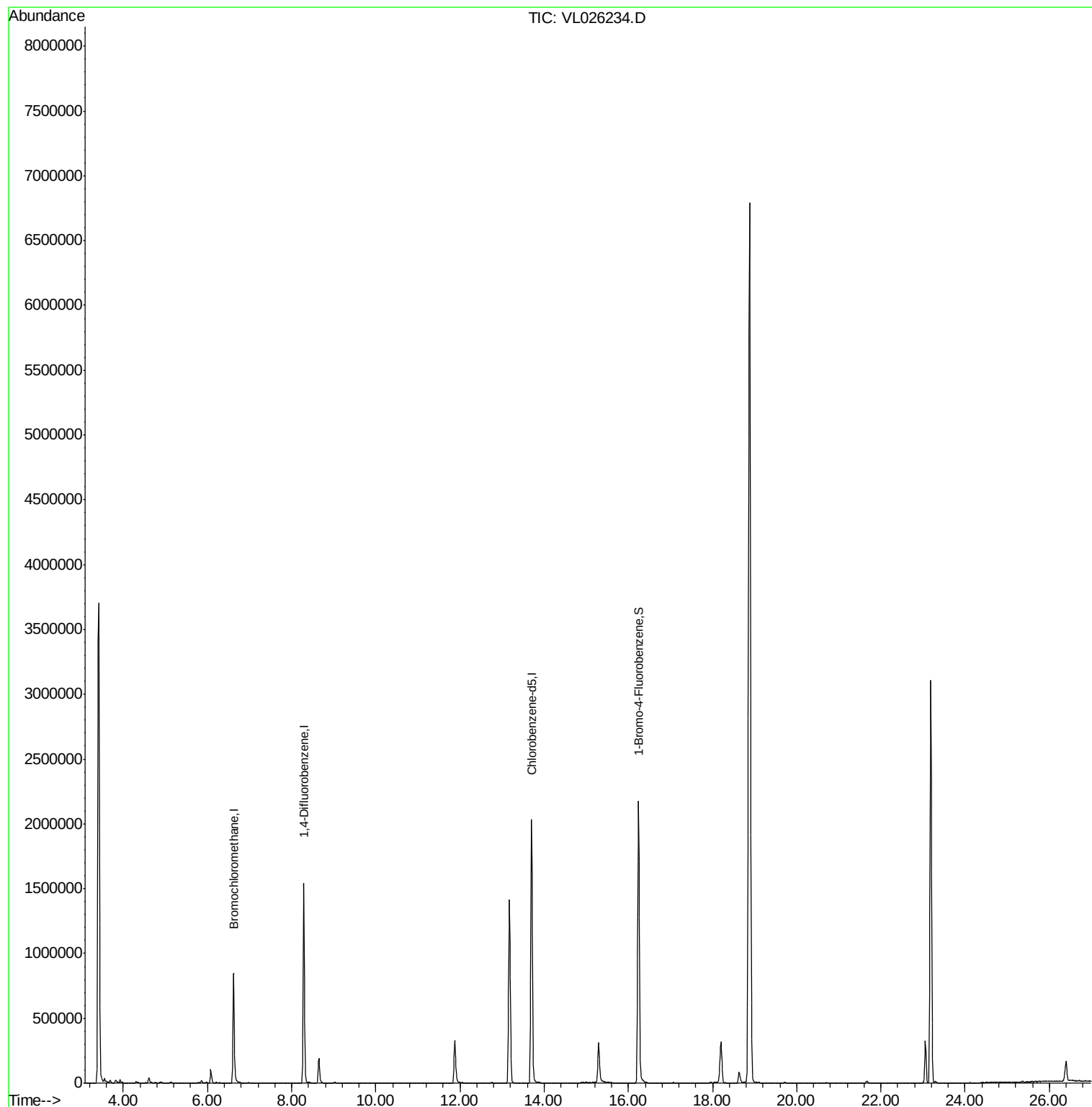
Target Compounds	Ovalue
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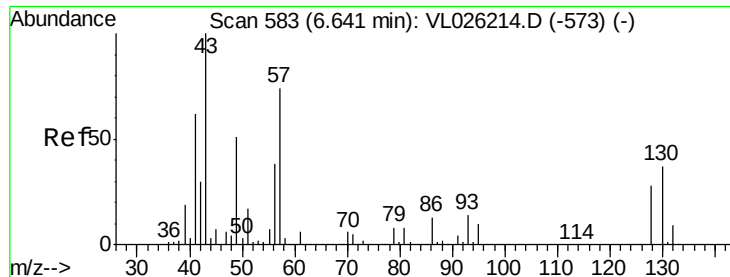
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 6.62 min Scan# 579

Delta R.T. -0.02 min

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MSVOA_L

ClientSampleId :

VL1021ABL01

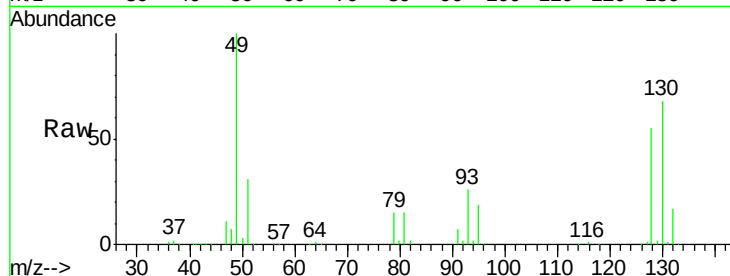
Tot Ion: 49 Resp: 512677

Ion Ratio Lower Upper

49 100

128 56.5 28.2 84.7

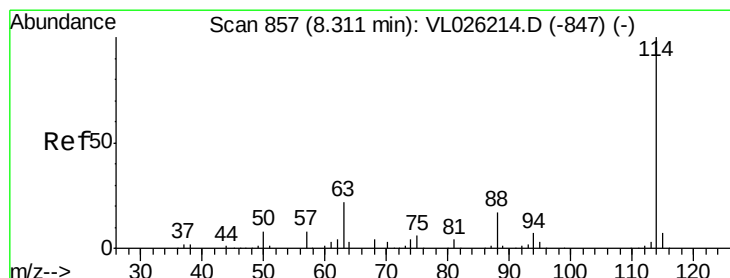
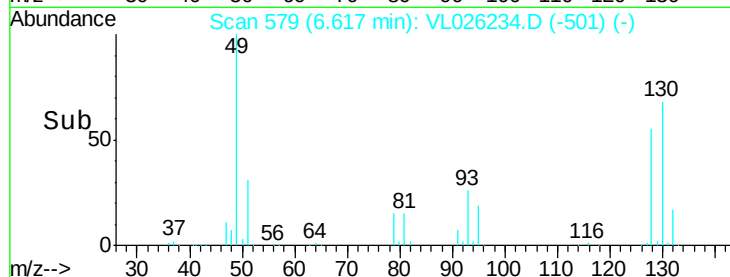
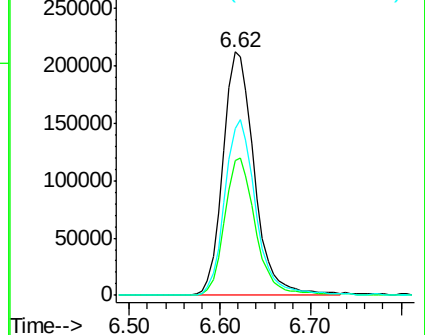
130 72.7 36.0 108.1



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: 8.29 min Scan# 853

Delta R.T. -0.02 min

Lab File: VL026234.D

Acq: 21 Oct 2015 11:18

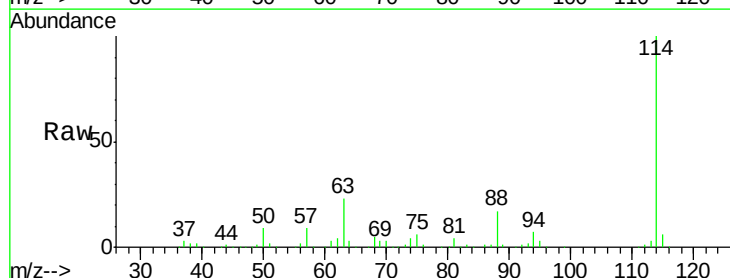
Tgt Ion: 114 Resp: 1485392

Ion Ratio Lower Upper

114 100

63 22.5 18.2 27.4

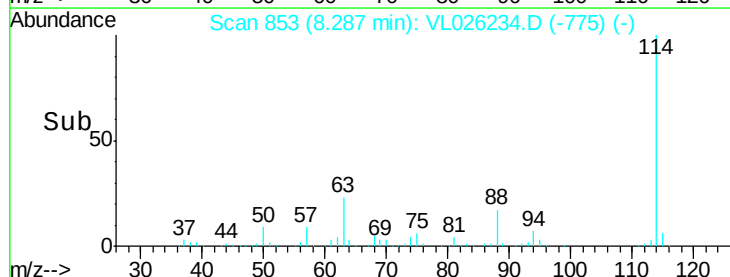
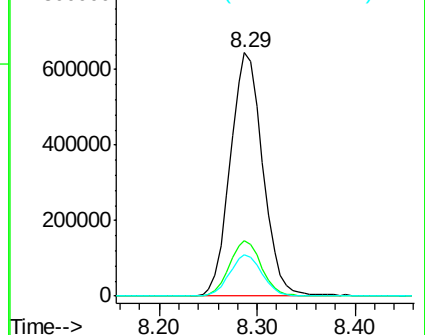
88 16.9 13.5 20.3

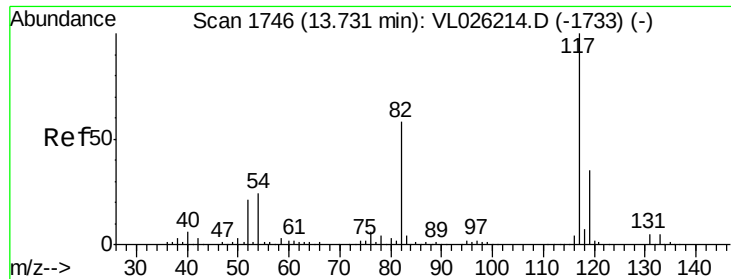


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

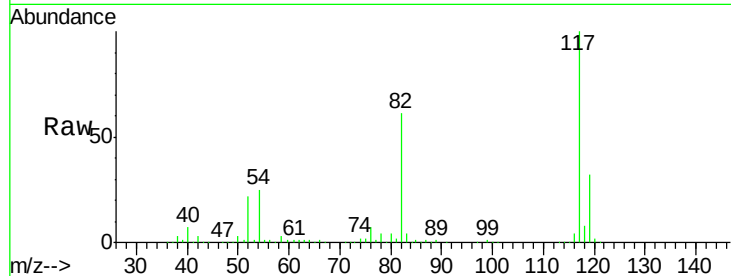




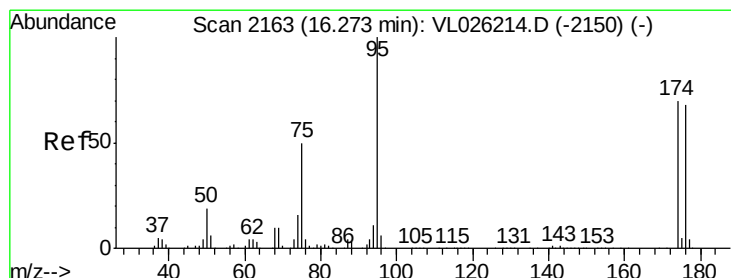
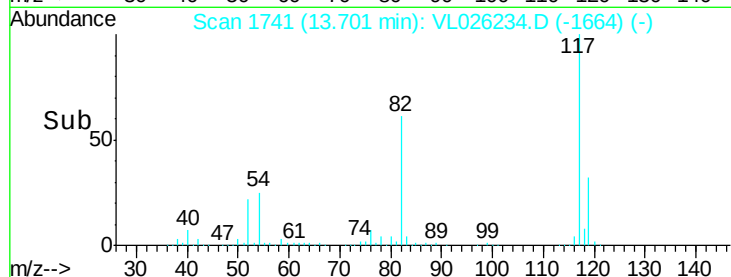
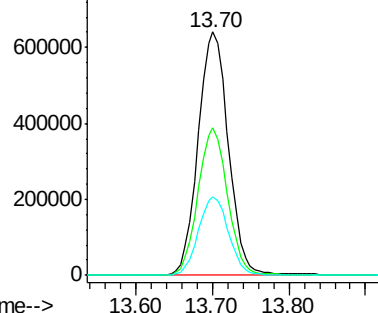
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.70 min Scan# 1741
Delta R.T. -0.03 min
Lab File: VL026234.D
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Instrument :
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Tot Ion:117 Resp: 1758930
Ion Ratio Lower Upper
117 100
82 60.0 45.8 68.8
119 32.5 45.0 67.4#

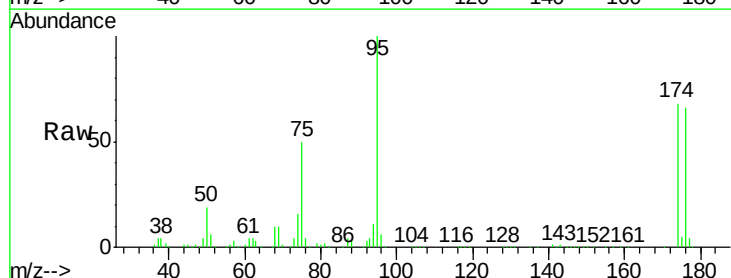


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): V
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.51 ppbv
RT: 16.24 min Scan# 2158
Delta R.T. -0.03 min
Lab File: VL026234.D
Acq: 21 Oct 2015 11:18

Tgt Ion: 95 Resp: 1426277
Ion Ratio Lower Upper
95 100
174 68.7 55.8 83.8
175 5.2 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

