

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL073115\
 Data File : VL025810.D
 Acq On : 31 Jul 2015 12:58
 Operator : SY/MD
 Sample : QC073015 CAN 10060
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC073015 CAN 10060

Quant Time: Aug 03 04:50:52 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	6.66	49	674342	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	8.34	114	1783287	10.00	ppbv	0.00
55) Chlorobenzene-d5	13.76	117	2079864	10.00	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	16.30	95	1779438	10.14	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.40%

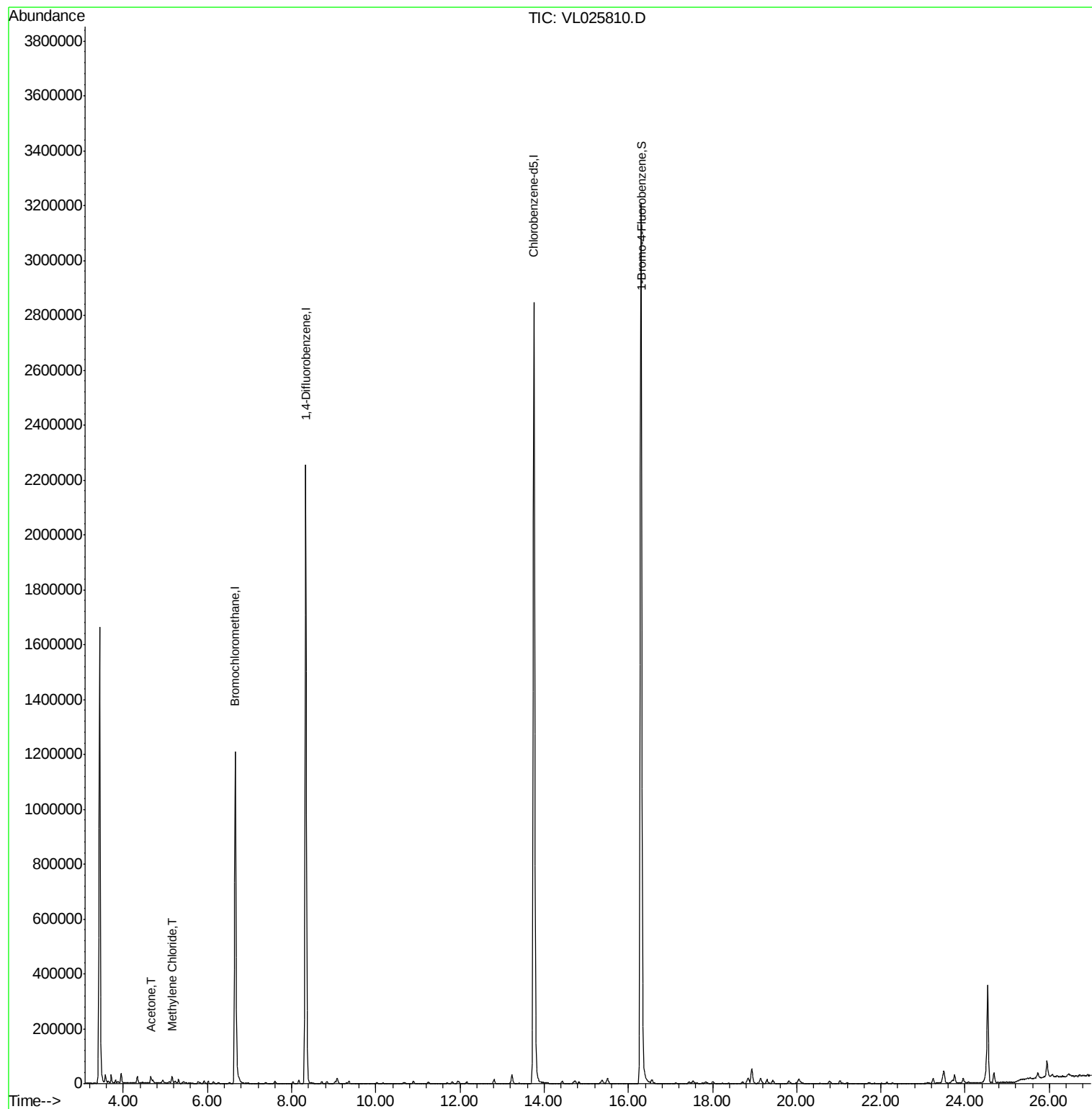
Target Compounds						Qvalue
15) Acetone	4.65	43	29736	0.25	ppbv #	90
20) Methylene Chloride	5.16	84	12889	0.27	ppbv #	75

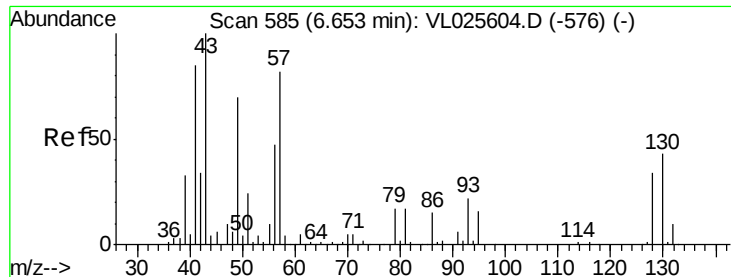
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QC073015 CAN 10060

Quant Time: Aug 03 04:50:52 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 08 02:22:55 2015
QLast Update : Wed Jul 08 02:22:55 2015
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 6.66 min Scan# 586

Delta R.T. 0.01 min

Lab File: VL025810.D

Acq: 31 Jul 2015 12:58

Instrument :

MSVOA_L

ClientSampleId :

QC073015 CAN 10060

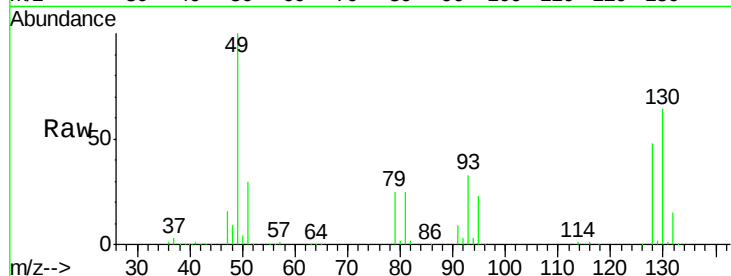
Tgt Ion: 49 Resp: 674342

Ion Ratio Lower Upper

49 100

128 50.8 25.4 76.0

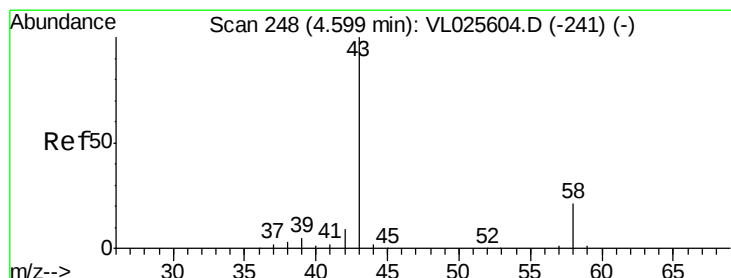
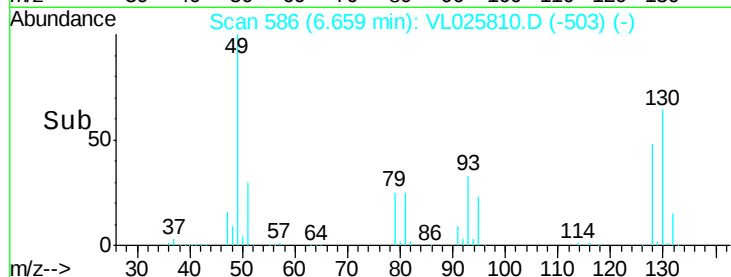
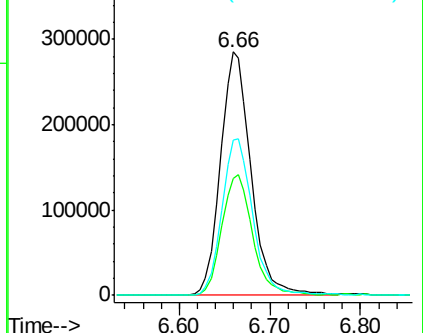
130 66.0 31.9 95.9



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



#15

Acetone

Concen: 0.25 ppbv

RT: 4.65 min Scan# 257

Delta R.T. 0.05 min

Lab File: VL025810.D

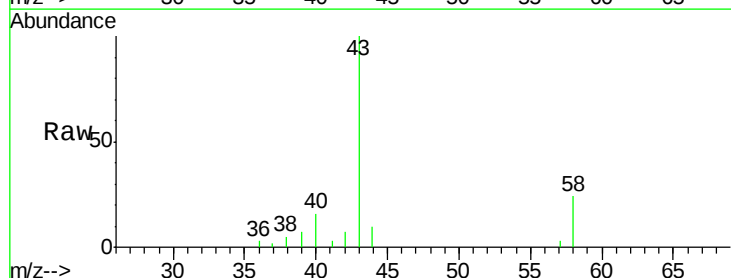
Acq: 31 Jul 2015 12:58

Tgt Ion: 43 Resp: 29736

Ion Ratio Lower Upper

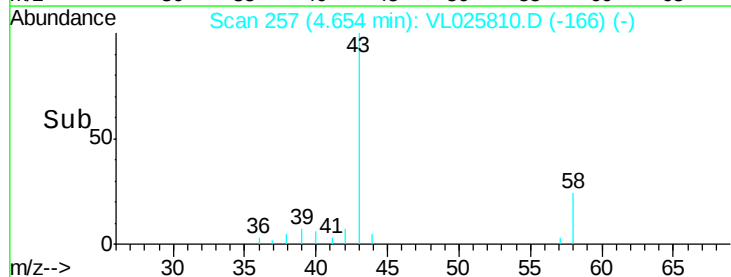
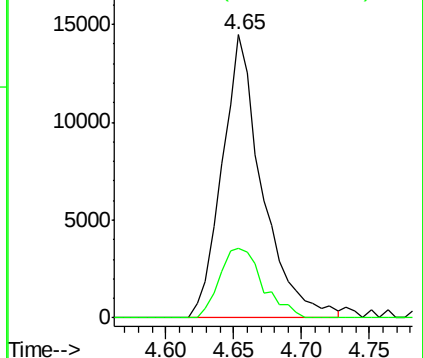
43 100

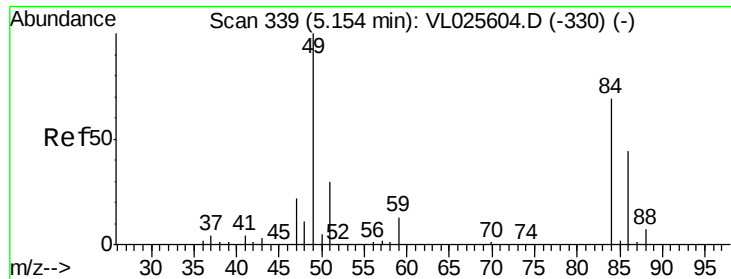
58 26.4 17.2 25.8#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

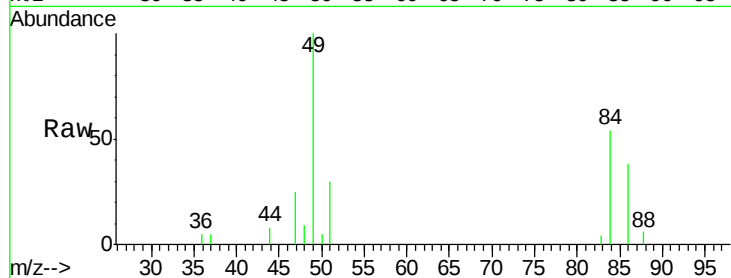




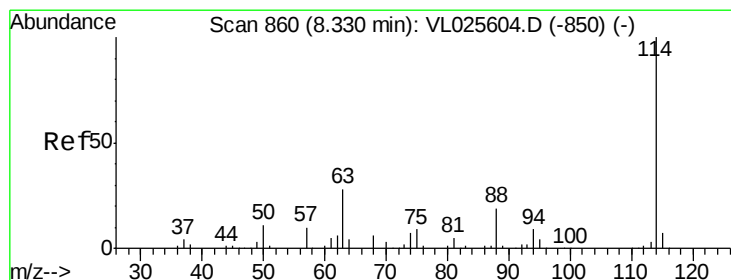
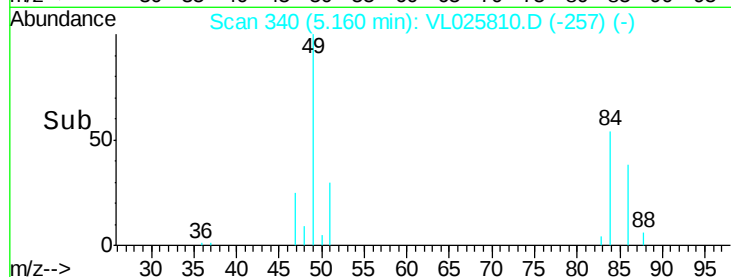
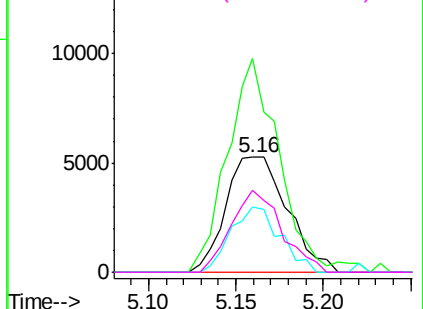
#20
Methylene Chloride
Concen: 0.27 ppbv
RT: 5.16 min Scan# 340
Delta R.T. 0.01 min
Lab File: VL025810.D
Acq: 31 Jul 2015 12:58

Instrument :
MSVOA_L
ClientSampleId :
QC073015 CAN 10060

Tgt Ion: 84 Resp: 12889
Ion Ratio Lower Upper
84 100
49 185.8 115.2 172.8#
51 56.4 35.0 52.6#
86 71.4 50.6 76.0

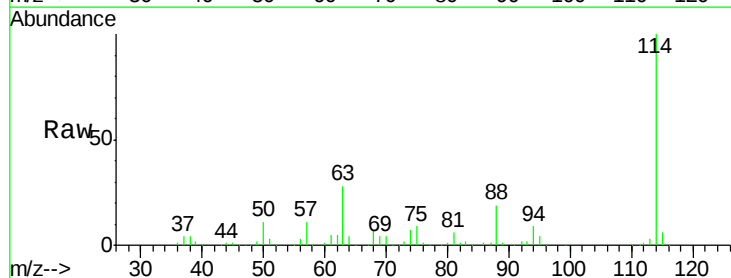


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

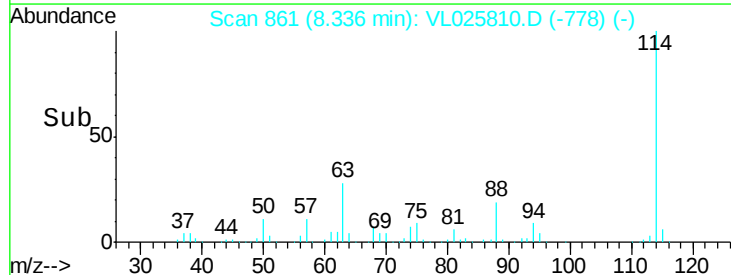
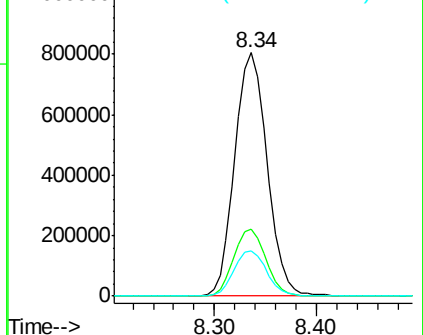


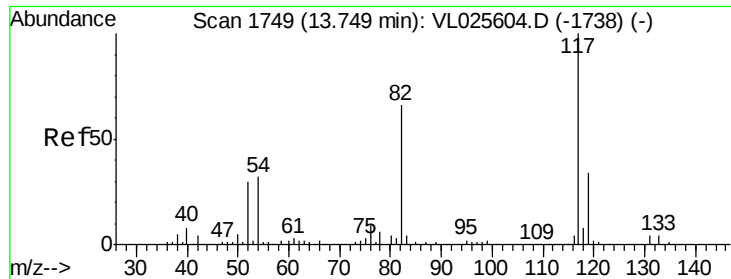
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 8.34 min Scan# 861
Delta R.T. 0.01 min
Lab File: VL025810.D
Acq: 31 Jul 2015 12:58

Tgt Ion: 114 Resp: 1783287
Ion Ratio Lower Upper
114 100
63 27.5 22.4 33.6
88 18.7 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

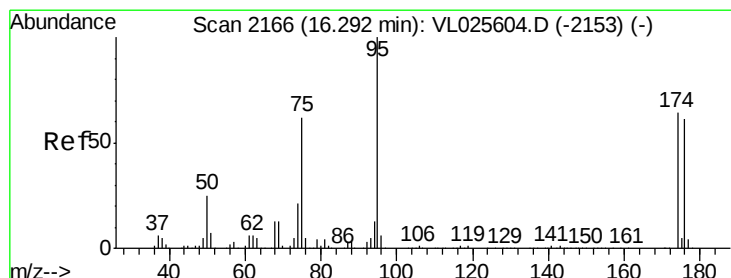
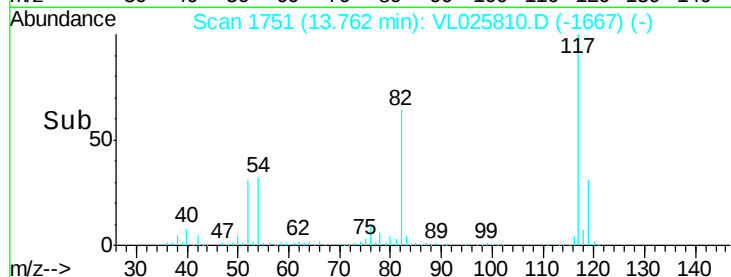
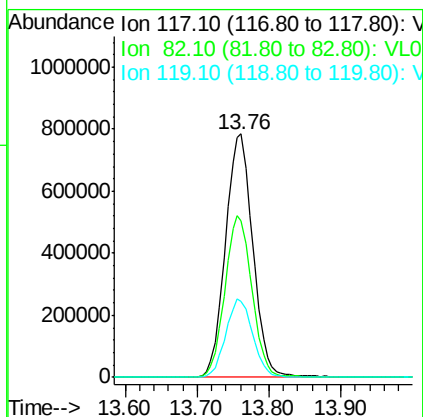
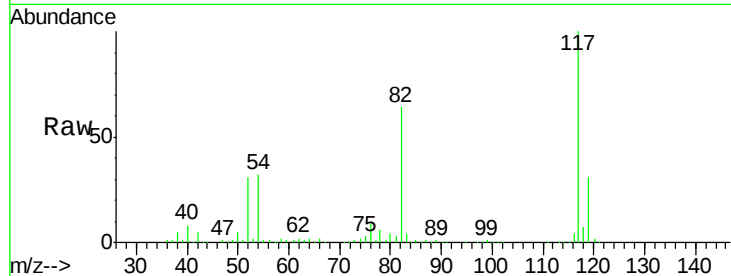




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.76 min Scan# 1751
Delta R.T. 0.01 min
Lab File: VL025810.D
Acq: 31 Jul 2015 12:58

Instrument :
MSVOA_L
ClientSampleId :
QC073015 CAN 10060

Tgt Ion: 117 Resp: 2079864
Ion Ratio Lower Upper
117 100
82 66.0 50.5 75.7
119 32.2 45.1 67.7#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.14 ppbv
RT: 16.30 min Scan# 2168
Delta R.T. 0.01 min
Lab File: VL025810.D
Acq: 31 Jul 2015 12:58

Tgt Ion: 95 Resp: 1779438
Ion Ratio Lower Upper
95 100
174 63.8 52.0 78.0
175 4.9 3.9 5.9

