

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL111115\
 Data File : VL026370.D
 Acq On : 11 Nov 2015 18:34
 Operator : SY/AP
 Sample : G4352-02DL2 120X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG110915-2DL2

Quant Time: Nov 12 18:15:13 2015
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL102915AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Oct 29 14:29:54 2015
 QLast Update : Thu Oct 29 14:29:54 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.65	49	600583	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	8.33	114	1649929	10.00	ppbv	-0.04
55) Chlorobenzene-d5	13.75	117	1979322	10.00	ppbv	-0.05

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	16.29	95	1494342	9.95	ppbv	-0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.50%

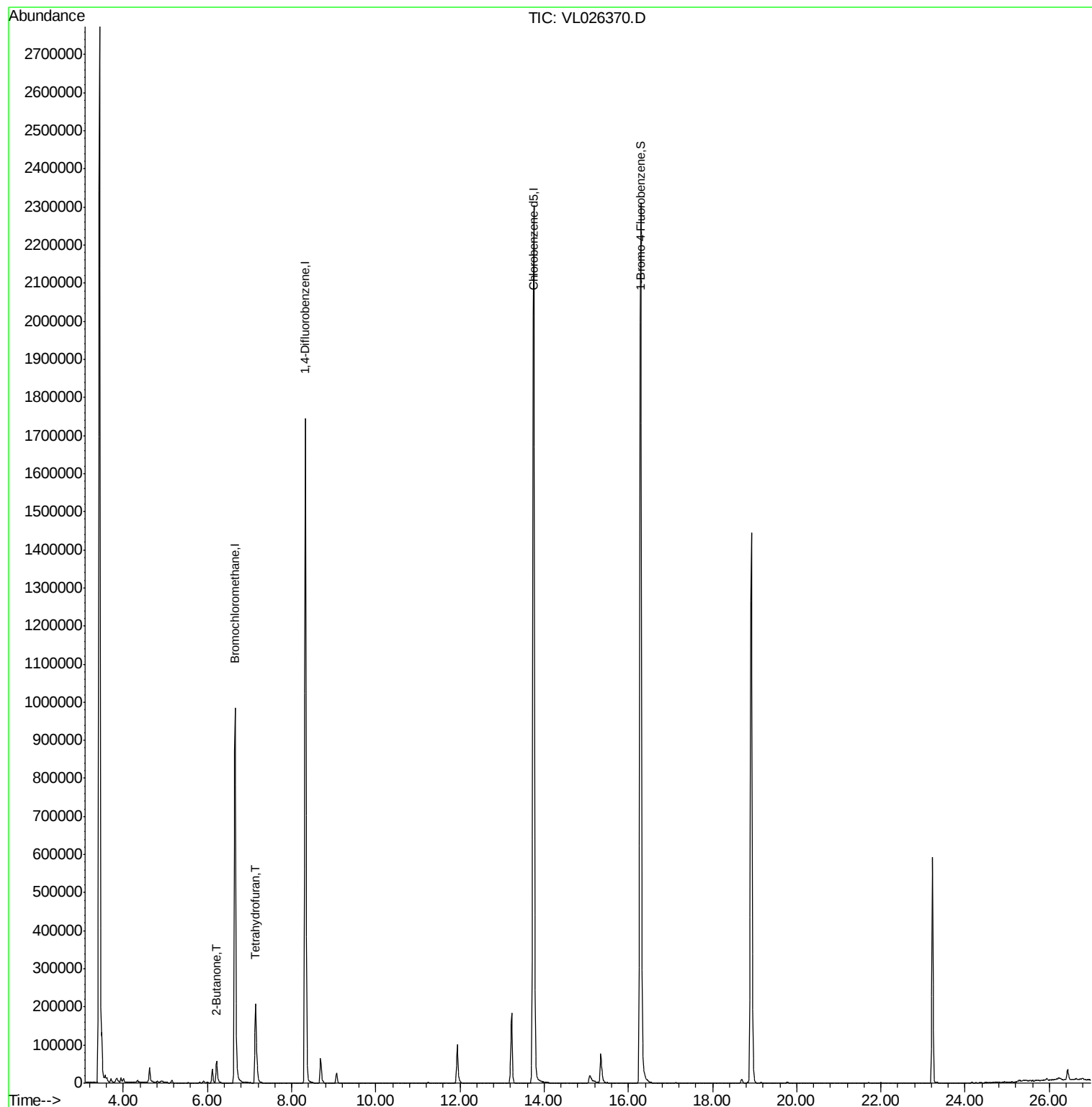
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
34) 2-Butanone	6.21	43	84793	0.85	ppbv	99
41) Tetrahydrofuran	7.14	42	173468	3.01	ppbv	98

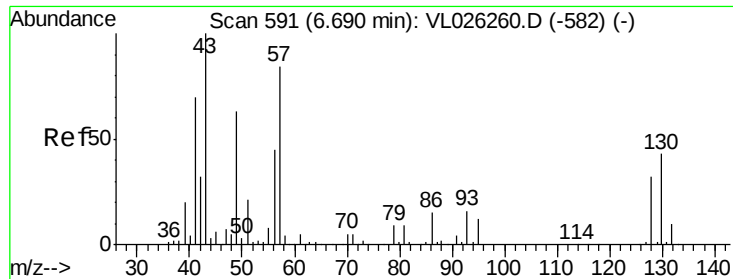
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL111115\
Data File : VL026370.D
Acq On : 11 Nov 2015 18:34
Operator : SY/AP
Sample : G4352-02DL2 120X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SG110915-2DL2

Quant Time: Nov 12 18:15:13 2015
Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL102915AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct 29 14:29:54 2015
QLast Update : Thu Oct 29 14:29:54 2015
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 6.65 min Scan# 585

Delta R.T. -0.04 min

Lab File: VL026370.D

Acq: 11 Nov 2015 18:34

Instrument :

MSVOA_L

ClientSampleId :

SG110915-2DL2

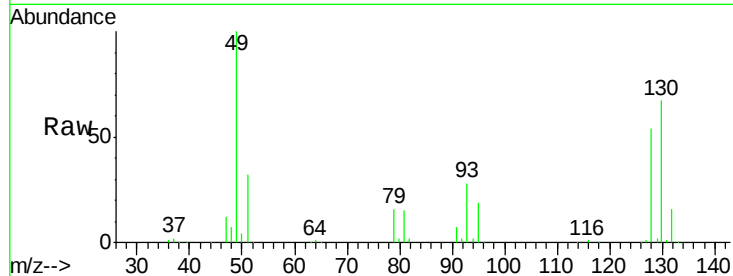
Tot Ion: 49 Resp: 600583

Ion Ratio Lower Upper

49 100

128 53.9 26.7 80.1

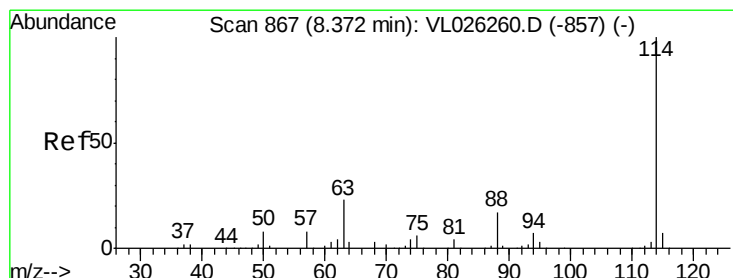
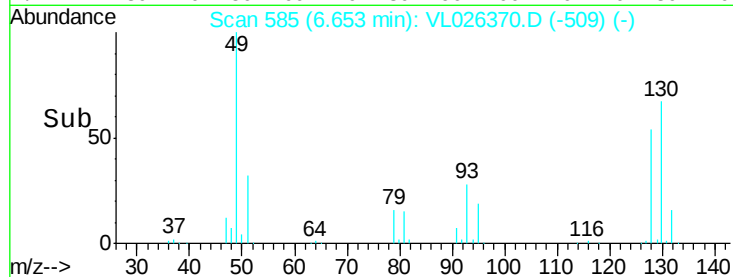
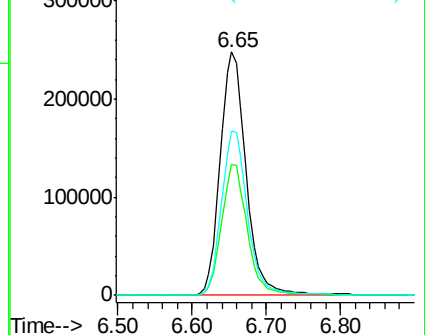
130 69.1 34.4 103.2



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: 8.33 min Scan# 860

Delta R.T. -0.04 min

Lab File: VL026370.D

Acq: 11 Nov 2015 18:34

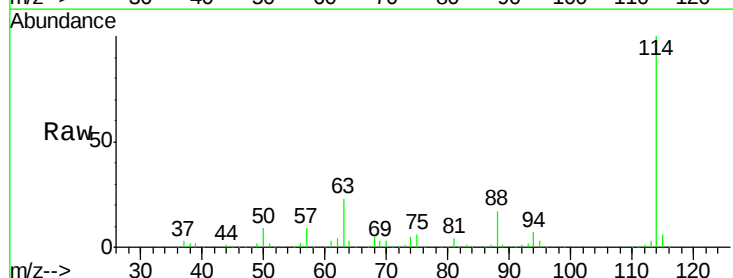
Tgt Ion: 114 Resp: 1649929

Ion Ratio Lower Upper

114 100

63 23.4 18.6 28.0

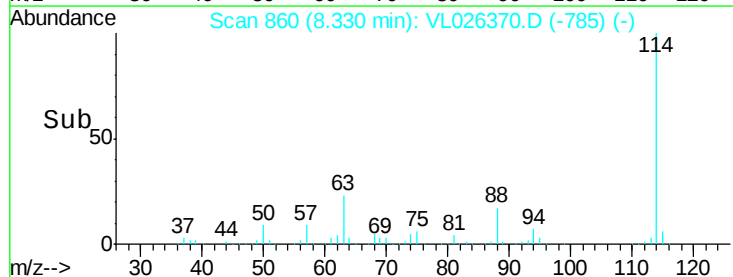
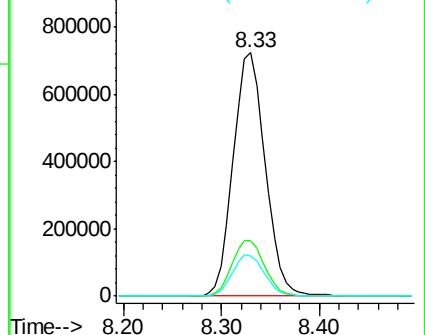
88 16.9 13.4 20.2

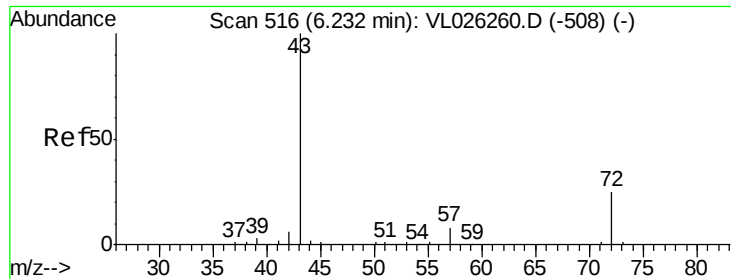


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0





#34

2-Butanone

Concen: 0.85 ppbv

RT: 6.21 min Scan# 513

Delta R.T. -0.02 min

Lab File: VL026370.D

Acq: 11 Nov 2015 18:34

Instrument :

MSVOA_L

ClientSampleId :

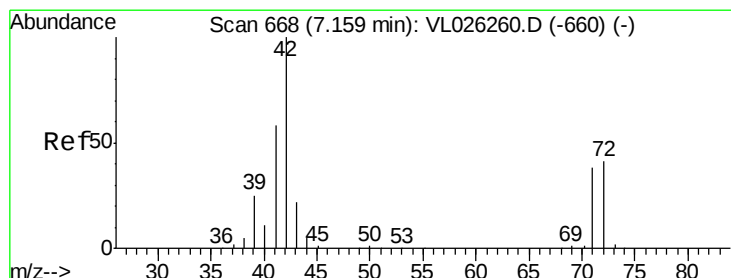
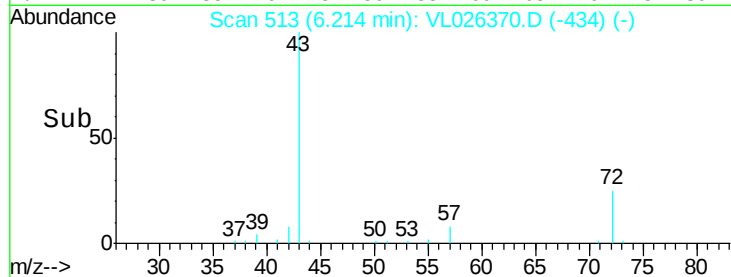
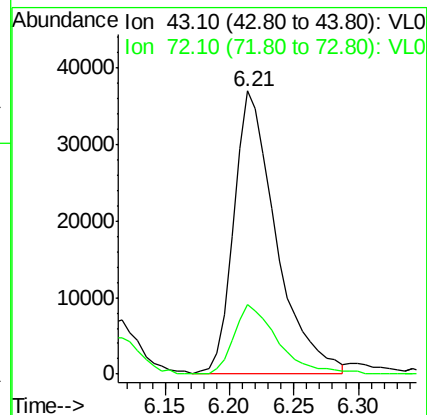
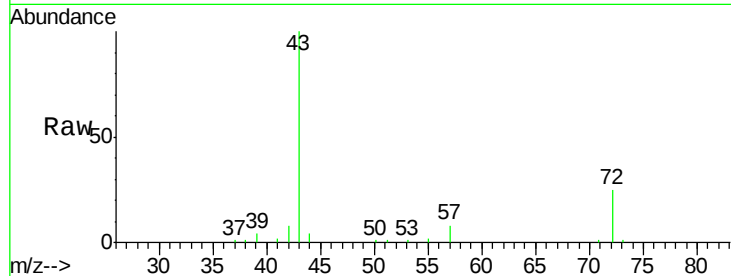
SG110915-2DL2

Tot Ion: 43 Resp: 84793

Ion Ratio Lower Upper

43 100

72 25.3 19.9 29.9



#41

Tetrahydrofuran

Concen: 3.01 ppbv

RT: 7.14 min Scan# 665

Delta R.T. -0.02 min

Lab File: VL026370.D

Acq: 11 Nov 2015 18:34

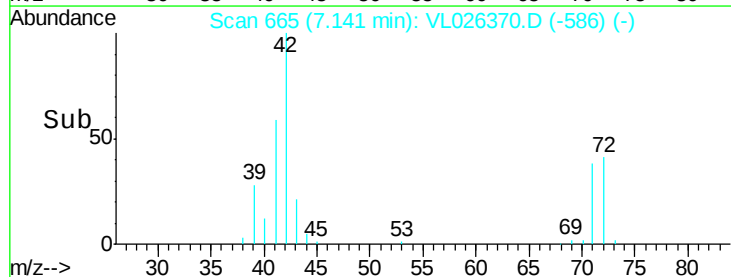
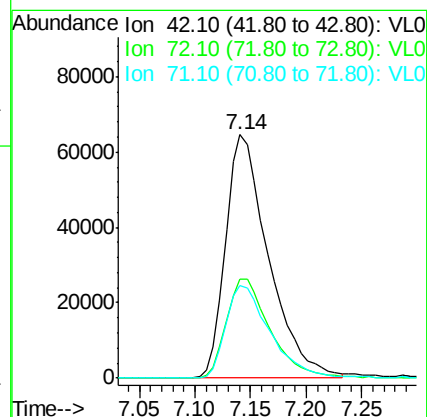
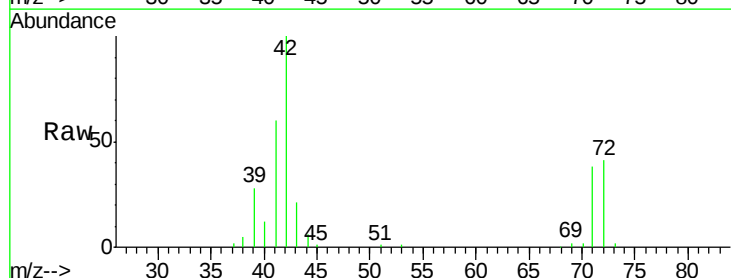
Tgt Ion: 42 Resp: 173468

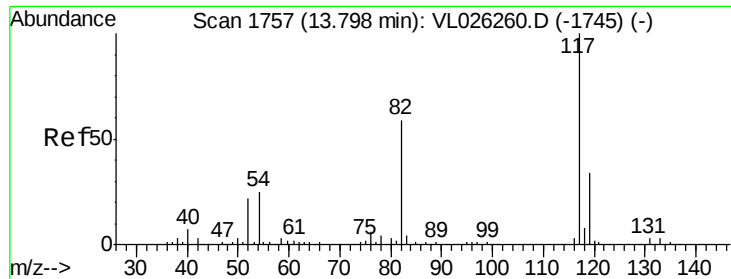
Ion Ratio Lower Upper

42 100

72 41.4 32.2 48.4

71 39.3 30.4 45.6

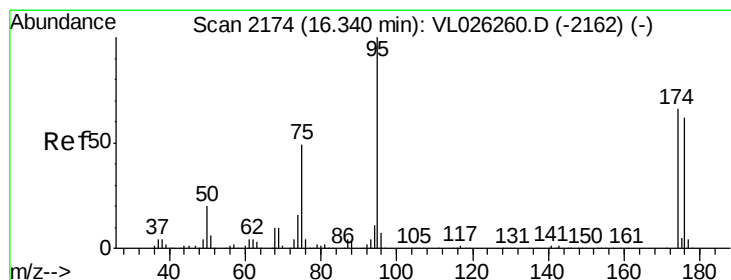
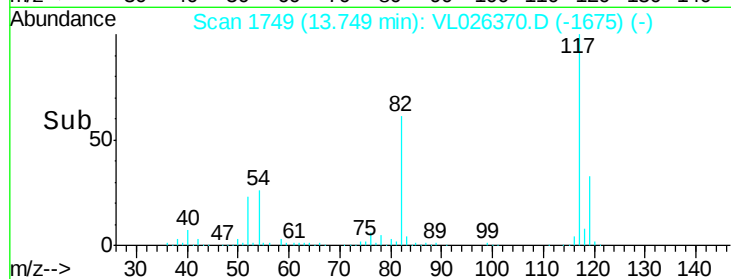
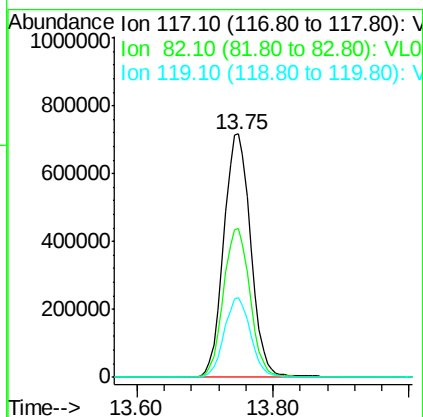
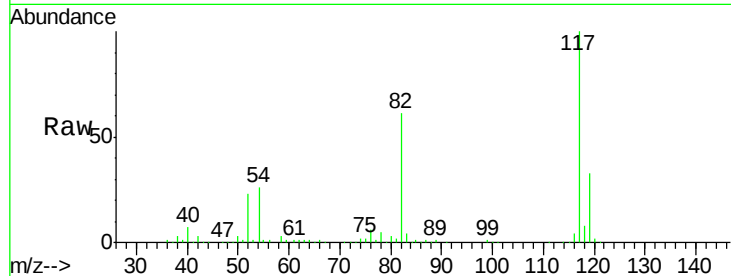




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.75 min Scan# 1749
Delta R.T. -0.05 min
Lab File: VL026370.D
Acq: 11 Nov 2015 18:34

Instrument :
MSVOA_L
ClientSampleId :
SG110915-2DL2

Tot Ion:117 Resp: 1979322
Ion Ratio Lower Upper
117 100
82 60.7 48.2 72.4
119 32.3 46.2 69.2#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.95 ppbv
RT: 16.29 min Scan# 2166
Delta R.T. -0.05 min
Lab File: VL026370.D
Acq: 11 Nov 2015 18:34

Tgt Ion: 95 Resp: 1494342
Ion Ratio Lower Upper
95 100
174 64.7 52.9 79.3
175 4.7 3.8 5.8

