

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL072715\
 Data File : VL025753.D
 Acq On : 27 Jul 2015 14:49
 Operator : SY/MD
 Sample : OC072315 CAN 10591
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC072315 CAN 10591

Quant Time: Jul 28 01:00:28 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%

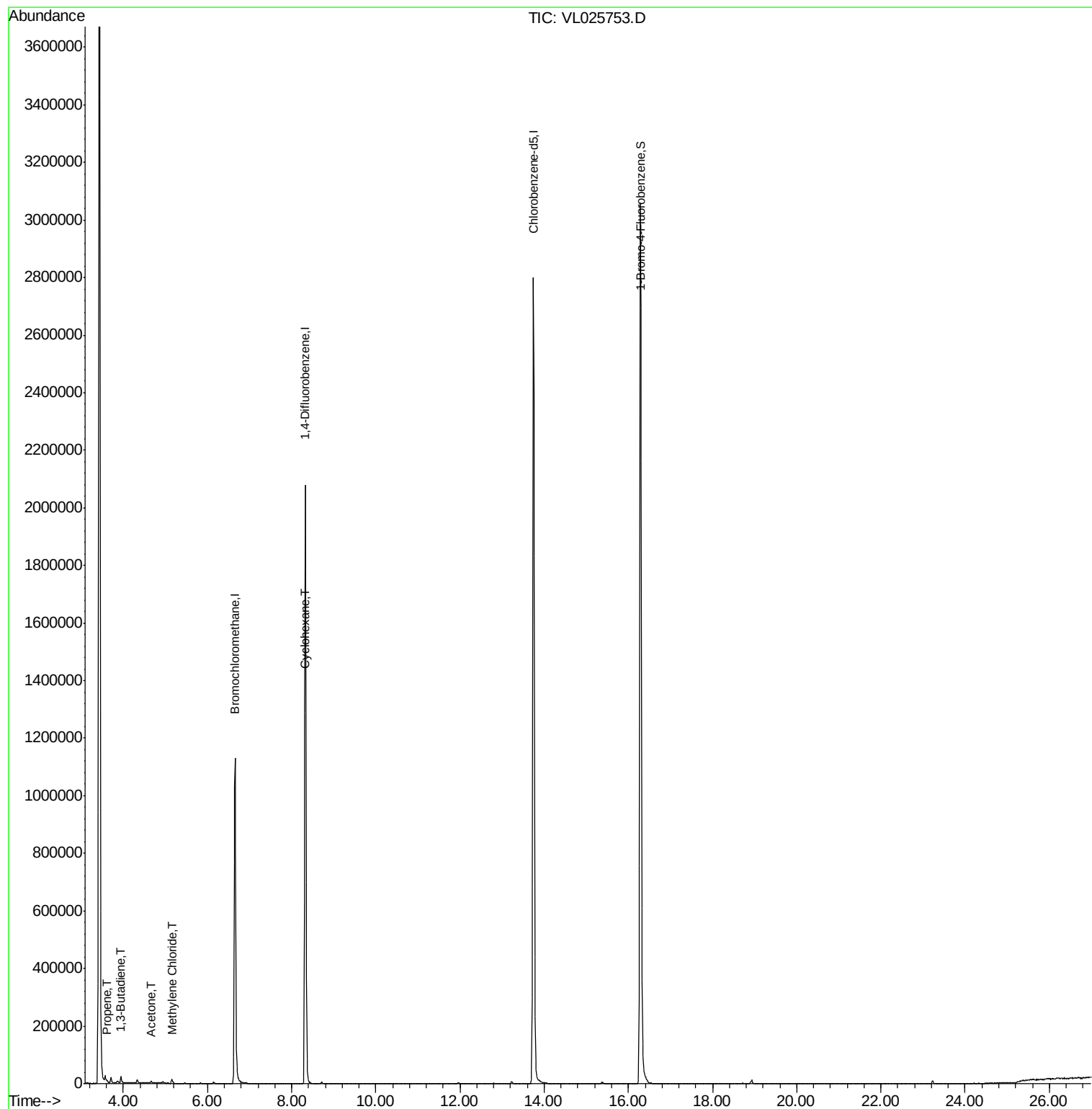
Target Compounds					Ovalue
9) Propene	3.60	41	1448	0.05 ppbv #	80
15) Acetone	4.67	43	6677	0.06 ppbv #	10
16) 1,3-Butadiene	3.94	39	2961	0.07 ppbv #	12
20) Methylene Chloride	5.15	84	3181	0.07 ppbv #	80
30) Cyclohexane	8.31	84	3113	0.04 ppbv #	1

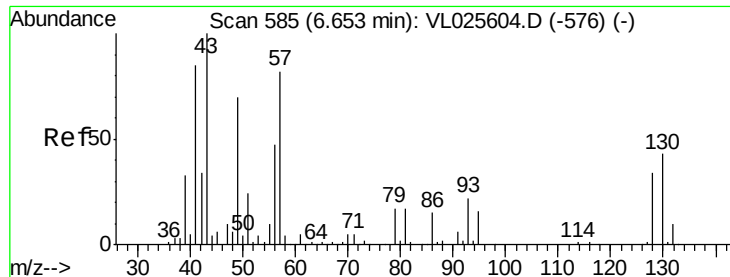
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 6.65 min Scan# 585

Delta R.T. 0.00 min

Lab File: VL025753.D

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Instrument :

MSVOA_L

ClientSampleId :

QC072315 CAN 10591

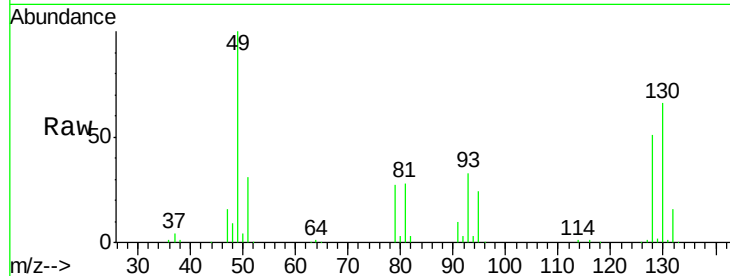
Tot Ion: 49 Resp: 595151

Ion Ratio Lower Upper

49 100

128 51.7 25.4 76.0

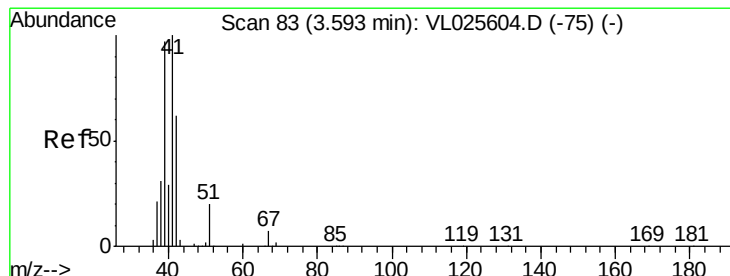
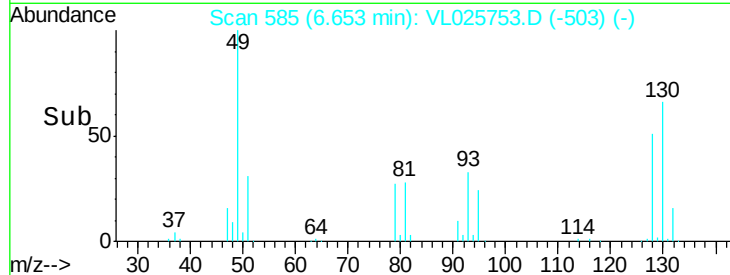
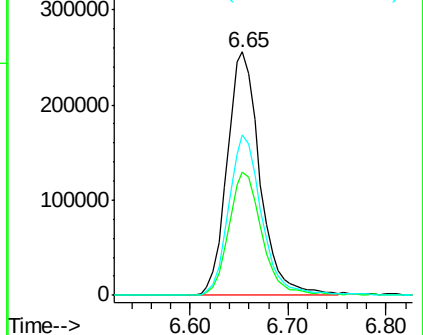
130 67.3 31.9 95.9



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



#9

Propene

Concen: 0.05 ppbv

RT: 3.60 min Scan# 84

Delta R.T. 0.01 min

Lab File: VL025753.D

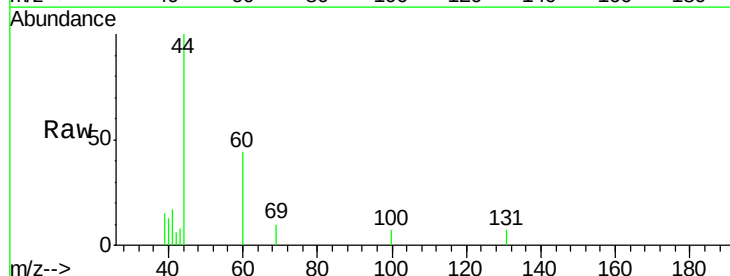
Acq: 27 Jul 2015 14:49

Tgt Ion: 41 Resp: 1448

Ion Ratio Lower Upper

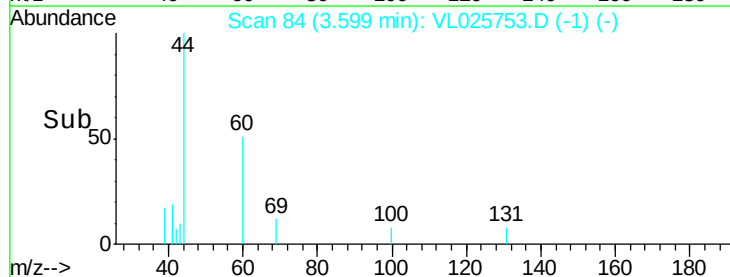
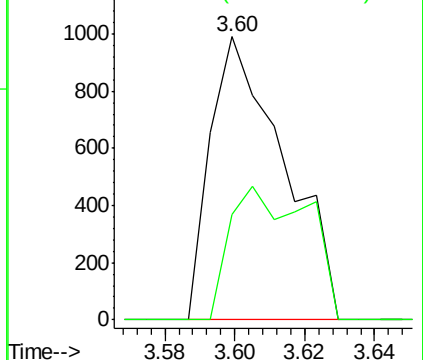
41 100

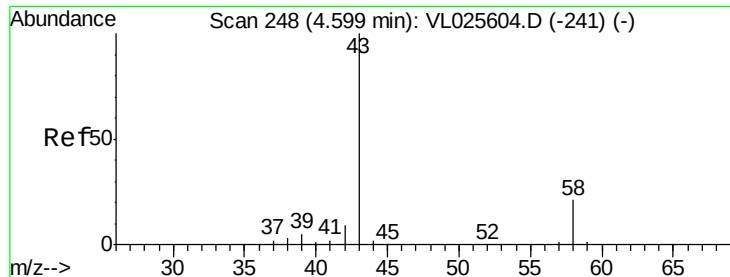
42 49.9 52.4 78.6#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#15

Acetone

Concen: 0.06 ppbv

RT: 4.67 min Scan# 259

Delta R.T. 0.07 min

Lab File: VL025753.D

Acq: 27 Jul 2015 14:49

Instrument :

MSVOA_L

ClientSampleId :

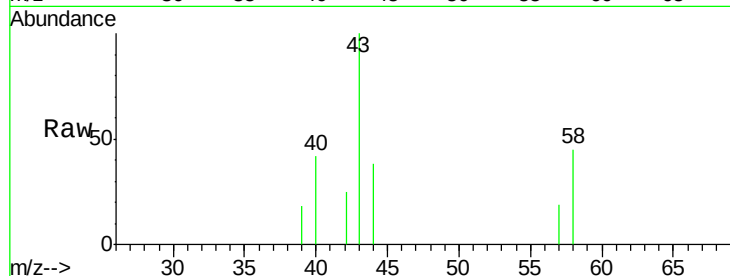
QC072315 CAN 10591

Tot Ion: 43 Resp: 6677

Ion Ratio Lower Upper

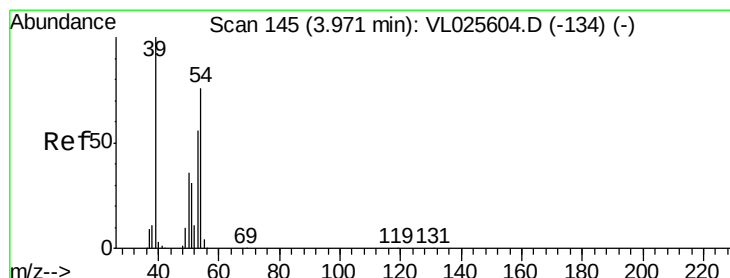
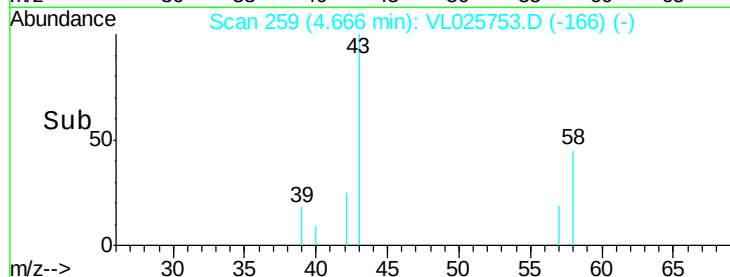
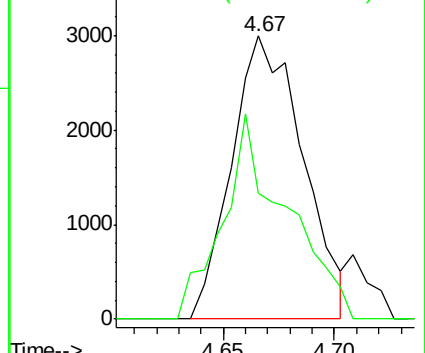
43 100

58 64.2 17.2 25.8#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#16

1,3-Butadiene

Concen: 0.07 ppbv

RT: 3.94 min Scan# 140

Delta R.T. -0.03 min

Lab File: VL025753.D

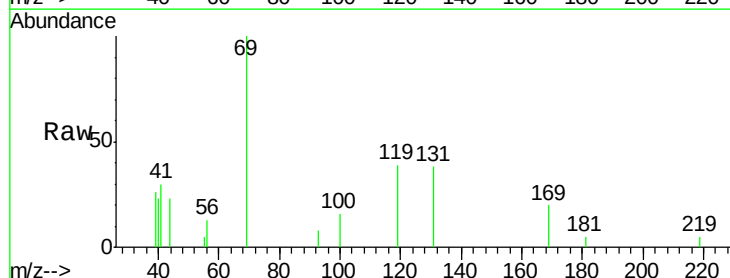
Acq: 27 Jul 2015 14:49

Tgt Ion: 39 Resp: 2961

Ion Ratio Lower Upper

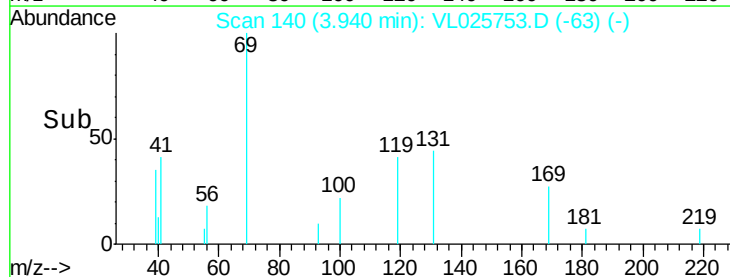
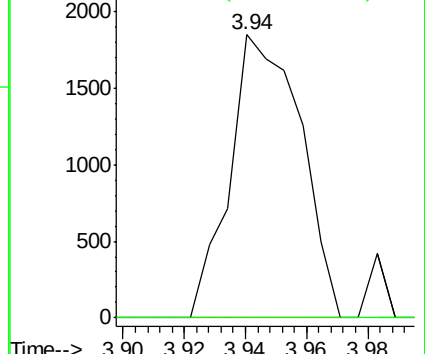
39 100

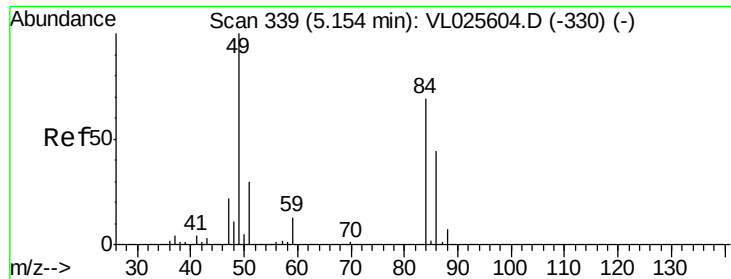
54 0.0 59.3 88.9#



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0





#20

Methylene Chloride

Concen: 0.07 ppbv

RT: 5.15 min Scan# 338

Delta R.T. -0.01 min

Lab File: VL025753.D

Acq: 27 Jul 2015 14:49

Instrument :

MSVOA_L

ClientSampleId :

QC072315 CAN 10591

Tot Ion: 84 Resp: 3181

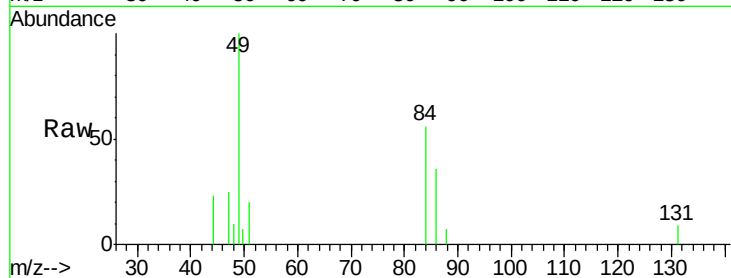
Ion Ratio Lower Upper

84 100

49 181.0 115.2 172.8#

51 35.1 35.0 52.6

86 64.9 50.6 76.0

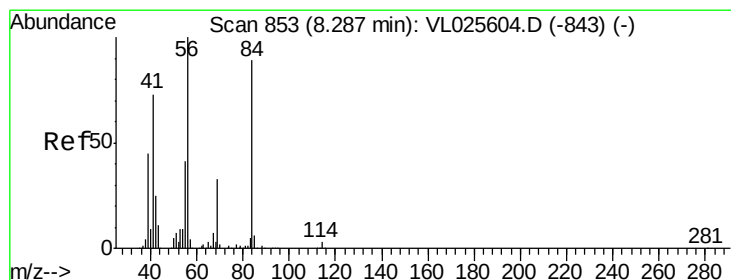
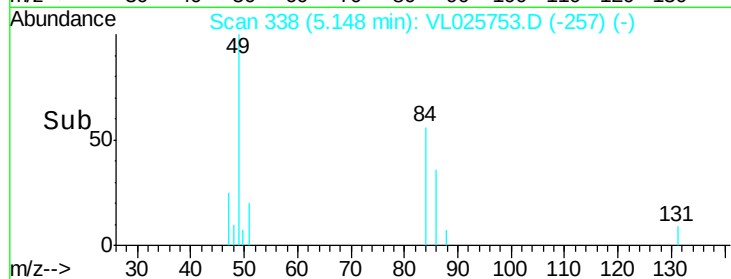
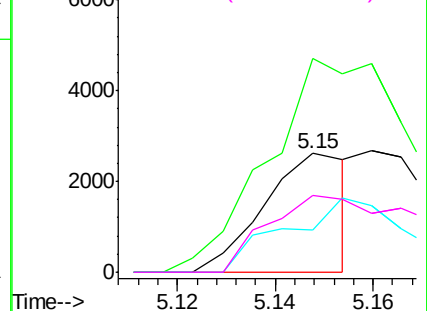


Abundance Ion 84.00 (83.70 to 84.70): VL0

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



#30

Cyclohexane

Concen: 0.04 ppbv

RT: 8.31 min Scan# 856

Delta R.T. 0.02 min

Lab File: VL025753.D

Acq: 27 Jul 2015 14:49

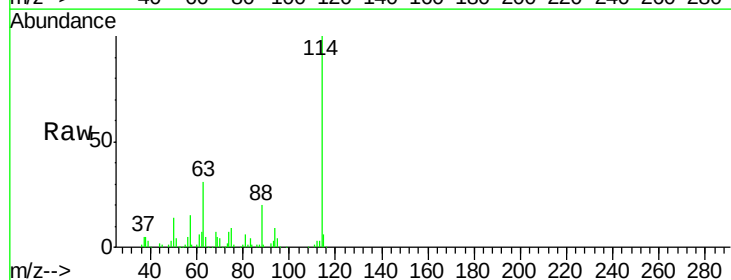
Tgt Ion: 84 Resp: 3113

Ion Ratio Lower Upper

84 100

56 0.0 97.5 146.3#

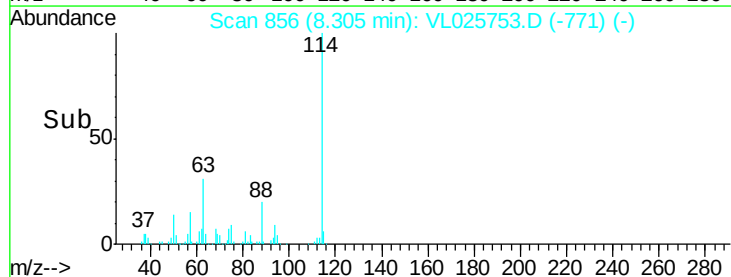
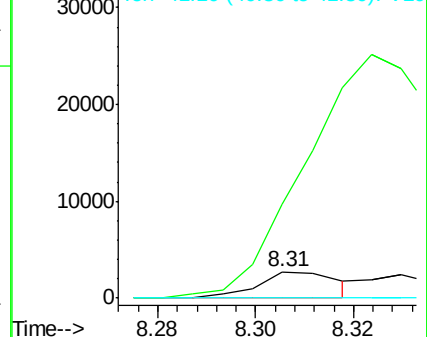
41 0.0 65.4 98.2#

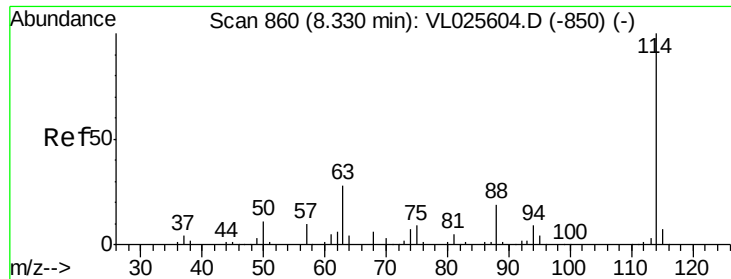


Abundance Ion 84.20 (83.90 to 84.90): VL0

Ion 56.10 (55.80 to 56.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

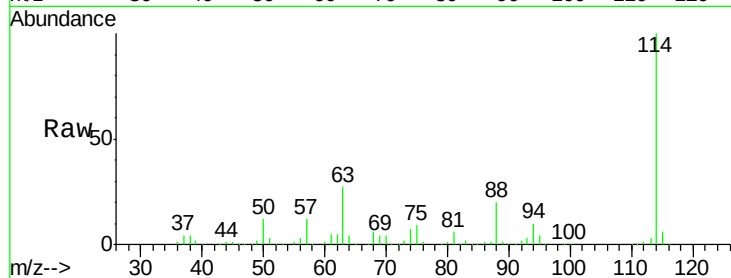




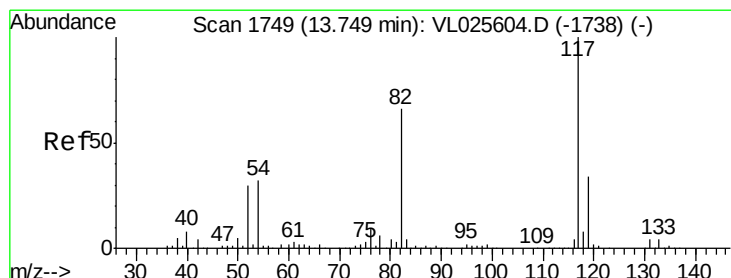
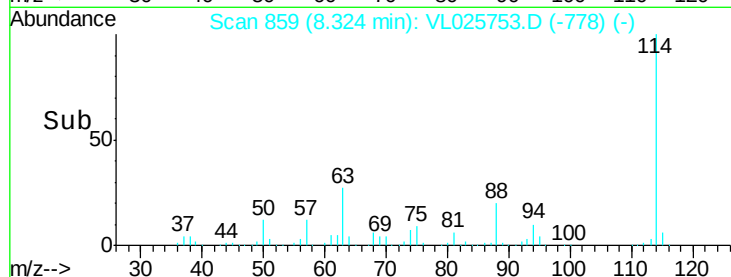
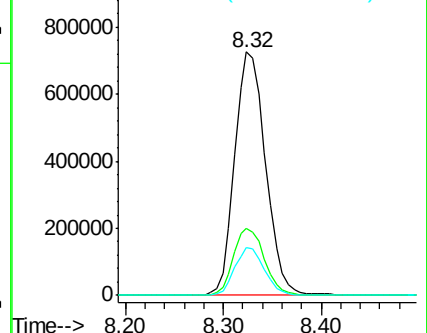
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 8.32 min Scan# 859
 Delta R.T. -0.01 min
 Lab File: VL025753.D
 Acq: 27 Jul 2015 14:49

Instrument :
 MSVOA_L
 ClientSampleId :
 QC072315 CAN 10591

Tot Ion:114 Resp: 1594017
 Ion Ratio Lower Upper
 114 100
 63 27.8 22.4 33.6
 88 18.9 15.0 22.4

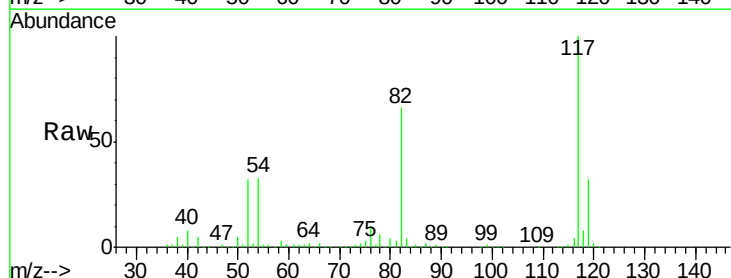


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

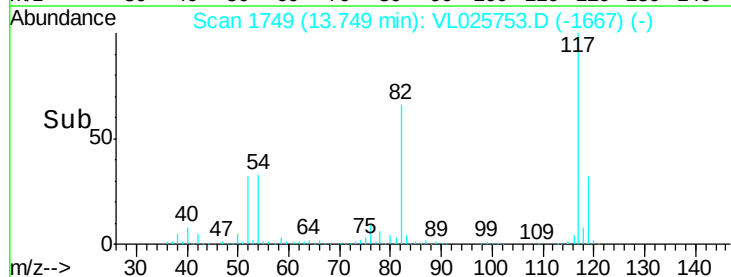
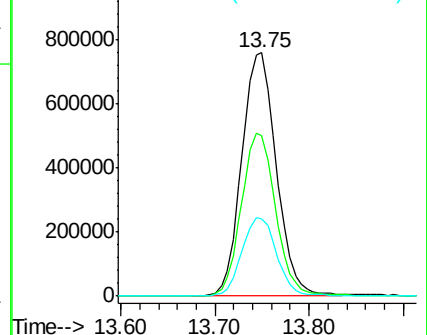


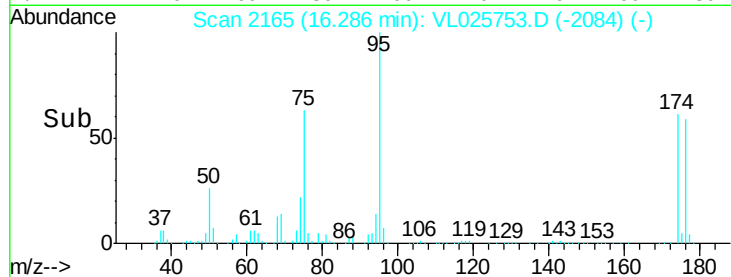
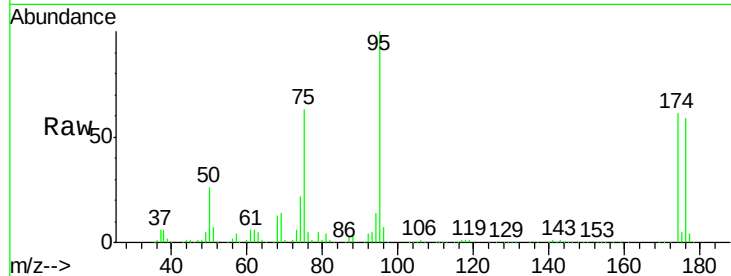
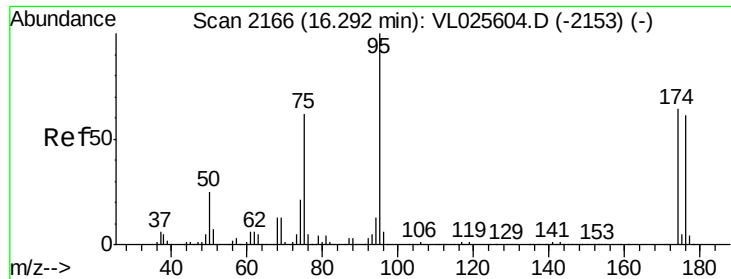
#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 13.75 min Scan# 1749
 Delta R.T. 0.00 min
 Lab File: VL025753.D
 Acq: 27 Jul 2015 14:49

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#



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: 10.34 ppbv

RT: 16.29 min Scan# 2165

Delta R.T. -0.01 min

Lab File: VL025753.D

Acq: 27 Jul 2015 14:49

Instrument :

MSVOA_L

ClientSampleId :

QC072315 CAN 10591

Tot Ion: 95 Resp: 1710585

Ion Ratio Lower Upper

95 100

174 63.0 52.0 78.0

175 4.8 3.9 5.9

