

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL111115\
 Data File : VL026364.D
 Acq On : 11 Nov 2015 14:38
 Operator : SY/AP
 Sample : OC110215 CAN 10657
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC110215 CAN 10657

Quant Time: Nov 12 17:38:55 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	6.67	49	555684	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	8.34	114	1502680	10.00	ppbv	-0.03
55) Chlorobenzene-d5	13.76	117	1465854	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	16.30	95	1160198	10.43	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.30%

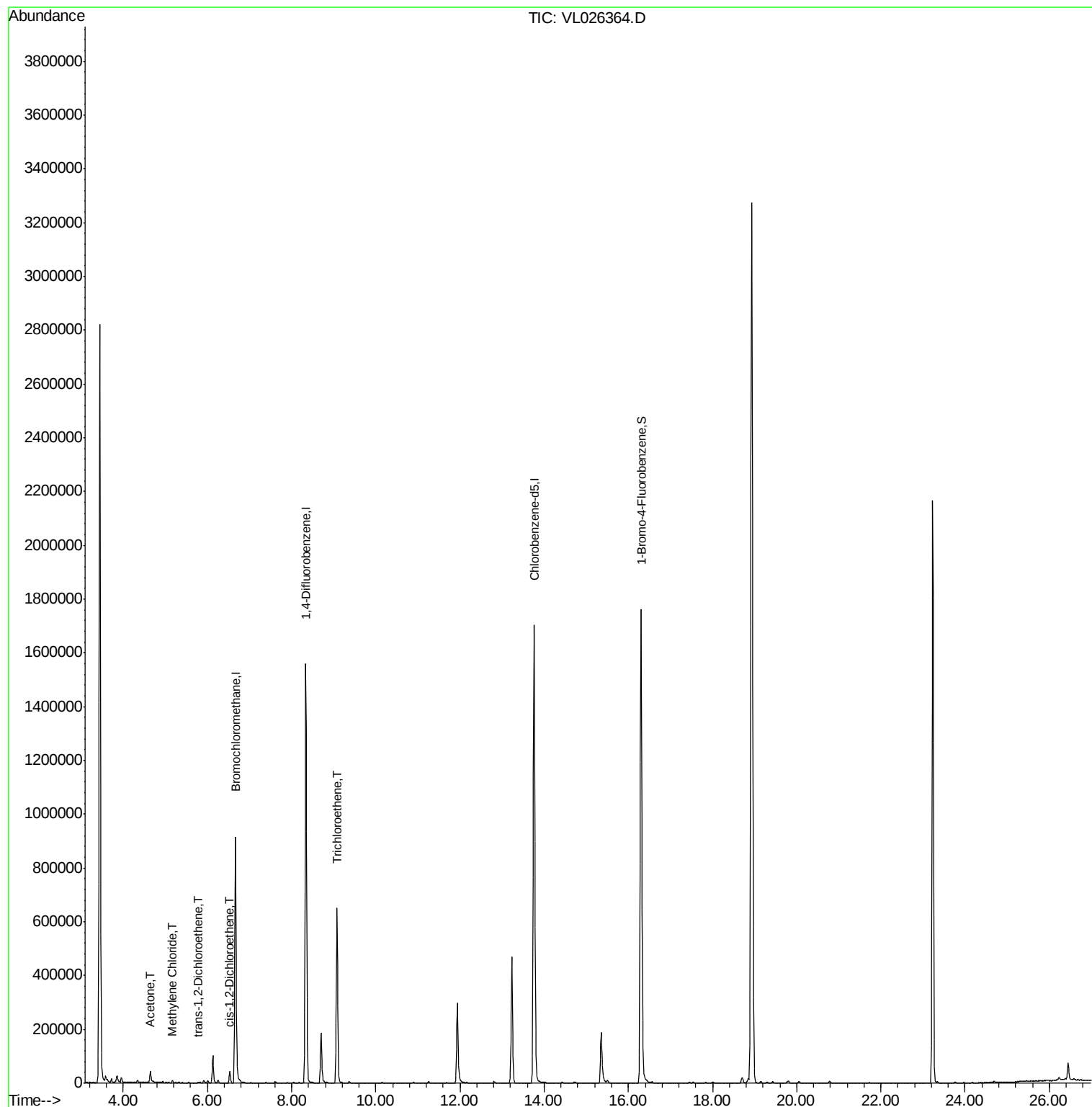
Target Compounds						Ovalue
15) Acetone	4.65	43	45554	0.62	ppbv #	37
20) Methylene Chloride	5.17	84	3964	0.12	ppbv	97
22) trans-1,2-Dichloroethene	5.79	96	1423	0.03	ppbv #	64
31) cis-1,2-Dichloroethene	6.53	61	30516	0.44	ppbv	98
38) Trichloroethene	9.08	130	271237	3.55	ppbv	97

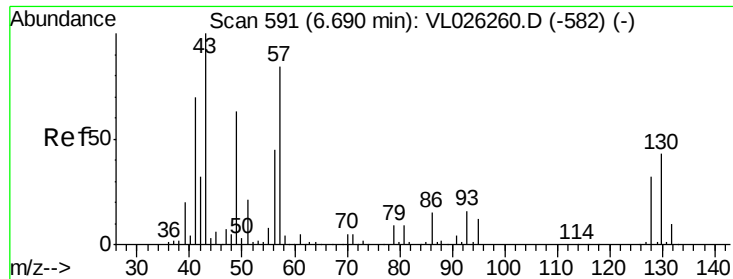
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 6.67 min Scan# 587

Delta R.T. -0.02 min

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Acq: 11 Nov 2015 14:38

Instrument :

MSVOA_L

ClientSampleId :

QC110215 CAN 10657

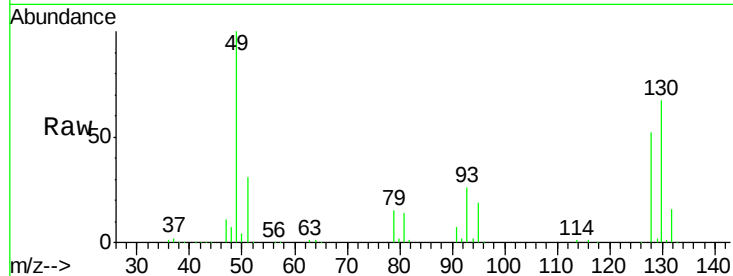
Tot Ion: 49 Resp: 555684

Ion Ratio Lower Upper

49 100

128 53.4 26.7 80.1

130 68.8 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

300000

250000

200000

150000

100000

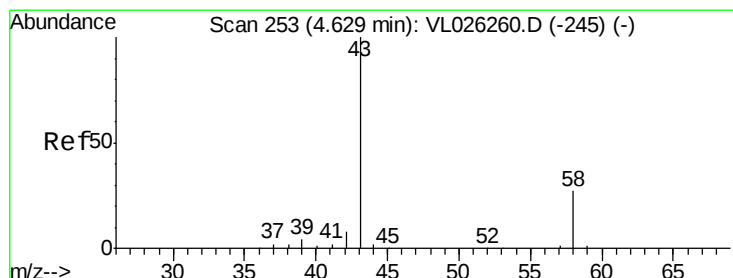
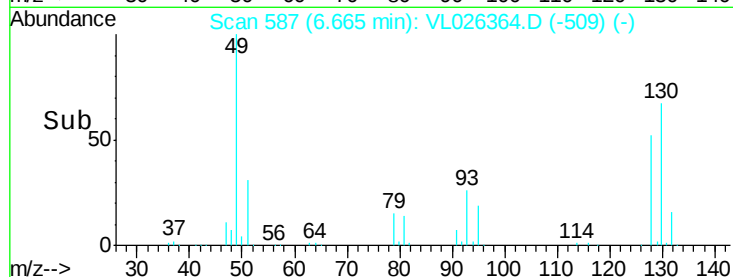
50000

0

6.67

6.60 6.70 6.80 6.90

Time-->



#15

Acetone

Concen: 0.62 ppbv

RT: 4.65 min Scan# 256

Delta R.T. 0.02 min

Lab File: VL026364.D

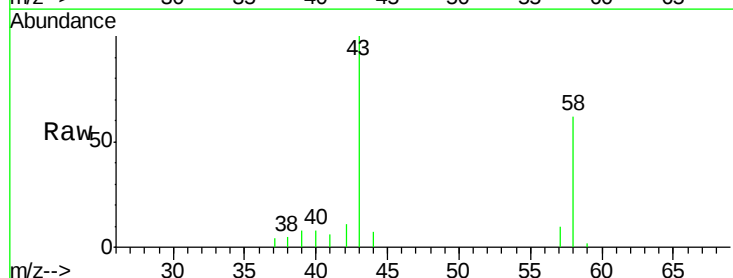
Acq: 11 Nov 2015 14:38

Tgt Ion: 43 Resp: 45554

Ion Ratio Lower Upper

43 100

58 61.0 22.3 33.5#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

20000

15000

10000

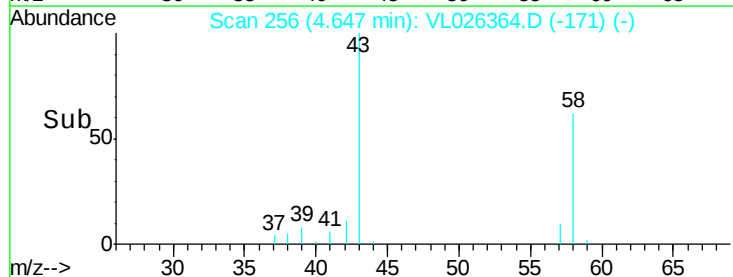
5000

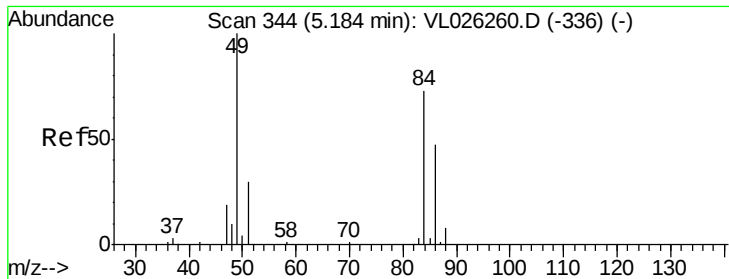
0

4.65

4.60 4.65 4.70

Time-->





#20

Methylene Chloride

Concen: 0.12 ppbv

RT: 5.17 min Scan# 341

Delta R.T. -0.02 min

Lab File: VL026364.D

Acq: 11 Nov 2015 14:38

Instrument :

MSVOA_L

ClientSampleId :

QC110215 CAN 10657

Tot Ion: 84 Resp: 3964

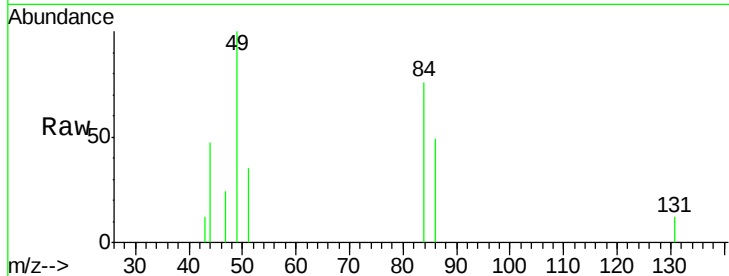
Ion Ratio Lower Upper

84 100

49 132.1 109.0 163.4

51 45.6 32.8 49.2

86 64.2 50.8 76.2

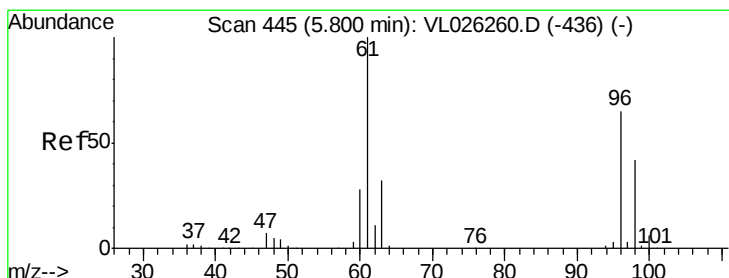
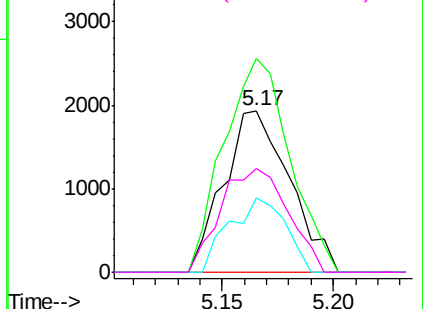
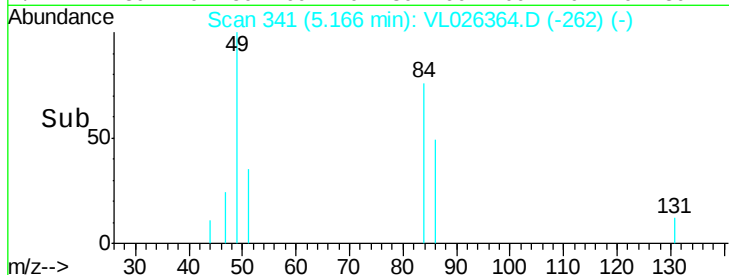


Abundance Ion 84.00 (83.70 to 84.70): VL0

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



#22

trans-1,2-Dichloroethene

Concen: 0.03 ppbv

RT: 5.79 min Scan# 443

Delta R.T. -0.01 min

Lab File: VL026364.D

Acq: 11 Nov 2015 14:38

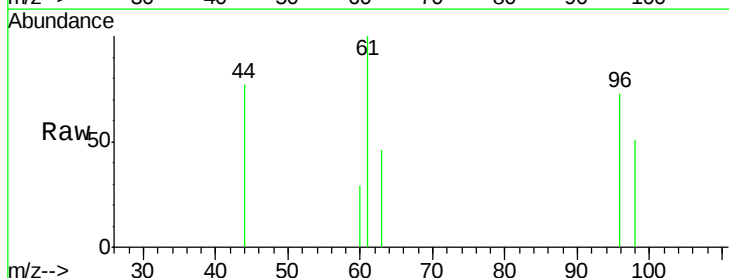
Tgt Ion: 96 Resp: 1423

Ion Ratio Lower Upper

96 100

61 91.9 123.2 184.8#

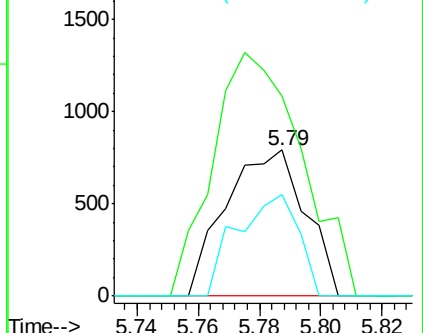
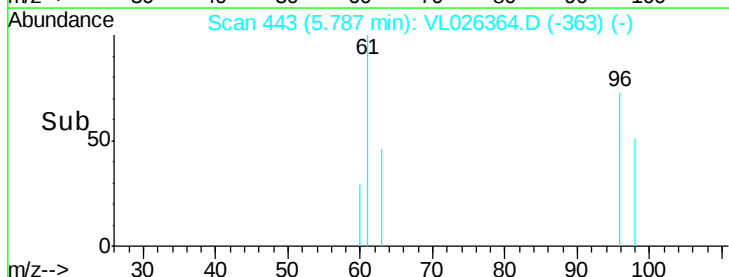
98 69.6 51.4 77.0

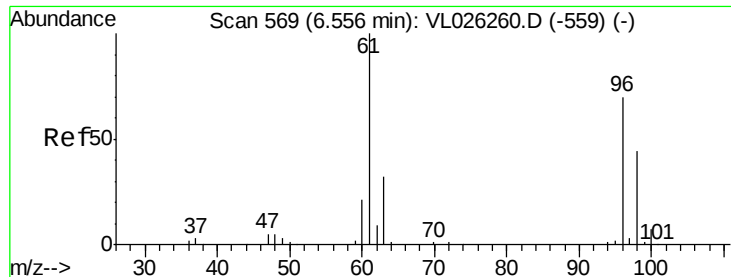


Abundance Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

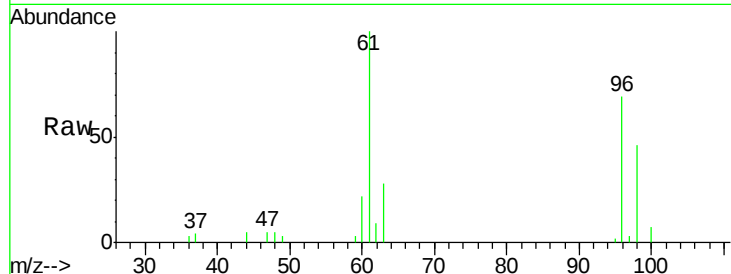




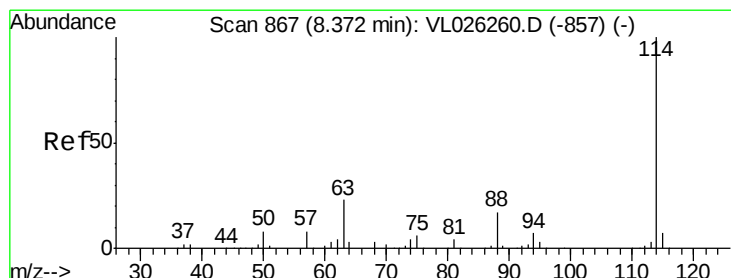
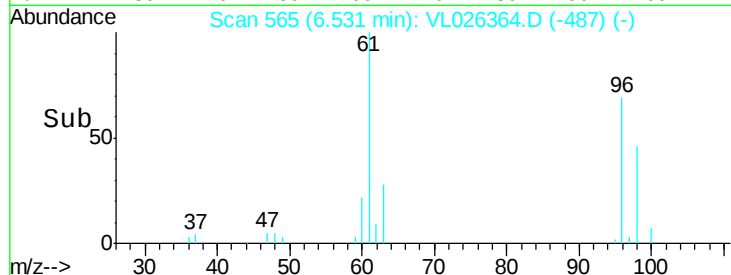
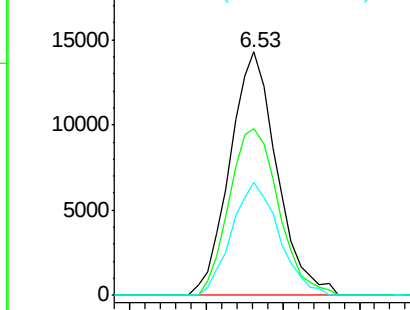
#31
 cis-1,2-Dichloroethene
 Concen: 0.44 ppbv
 RT: 6.53 min Scan# 565
 Delta R.T. -0.02 min
 Lab File: VL026364.D
 Acq: 11 Nov 2015 14:38

Instrument :
 MSVOA_L
 ClientSampleId :
 QC110215 CAN 10657

Tot Ion: 61 Resp: 30516
 Ion Ratio Lower Upper
 61 100
 96 68.6 56.2 84.4
 98 46.2 35.4 53.2

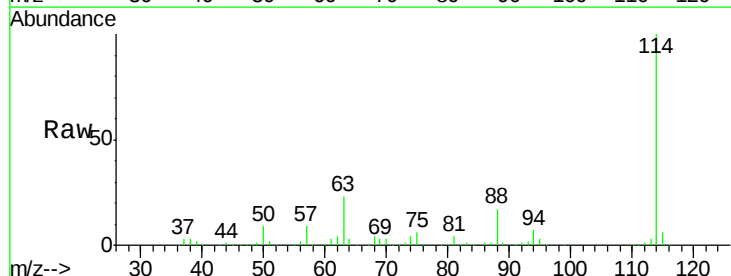


Abundance Ion 61.10 (60.80 to 61.80): VL0
 Ion 96.00 (95.70 to 96.70): VL0
 Ion 98.00 (97.70 to 98.70): VL0

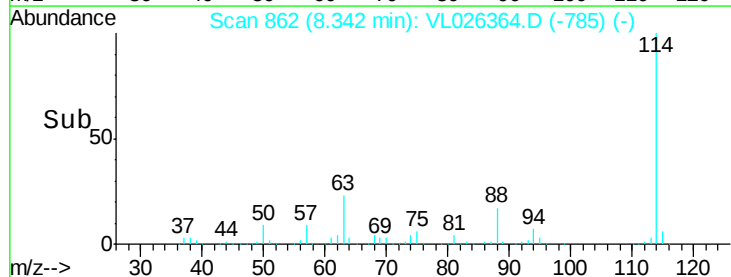
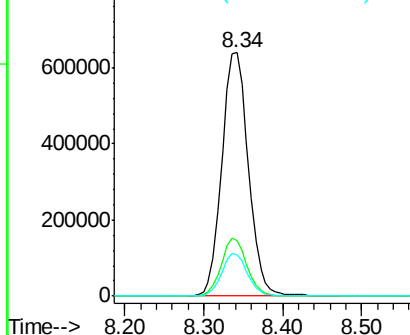


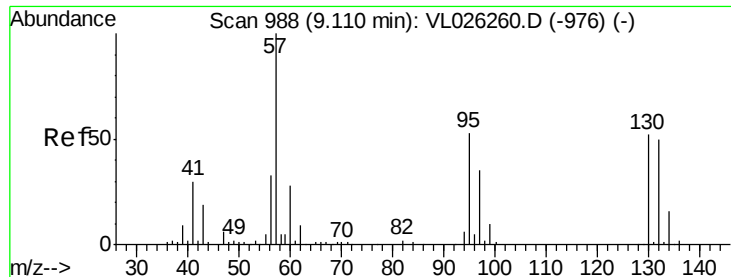
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 8.34 min Scan# 862
 Delta R.T. -0.03 min
 Lab File: VL026364.D
 Acq: 11 Nov 2015 14:38

Tgt Ion: 114 Resp: 1502680
 Ion Ratio Lower Upper
 114 100
 63 23.0 18.6 28.0
 88 16.8 13.4 20.2



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





#38

Trichloroethene

Concen: 3.55 ppbv

RT: 9.08 min Scan# 983

Delta R.T. -0.03 min

Lab File: VL026364.D

Acq: 11 Nov 2015 14:38

Instrument :

MSVOA_L

ClientSampleId :

QC110215 CAN 10657

Tot Ion:130 Resp: 271237

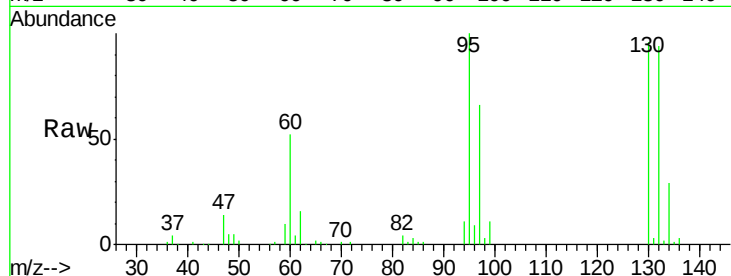
Ion Ratio Lower Upper

130 100

95 104.2 80.8 121.2

132 97.4 76.2 114.2

97 68.4 53.0 79.6

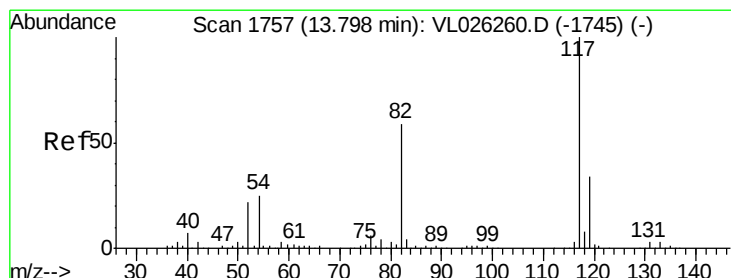
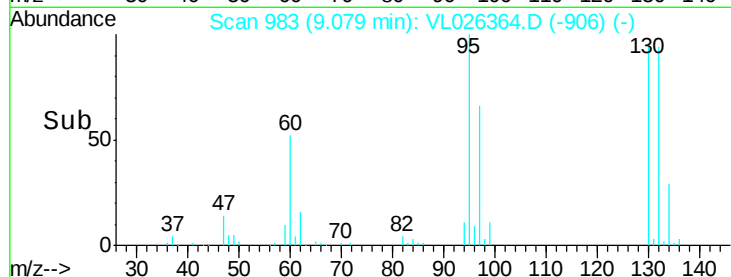
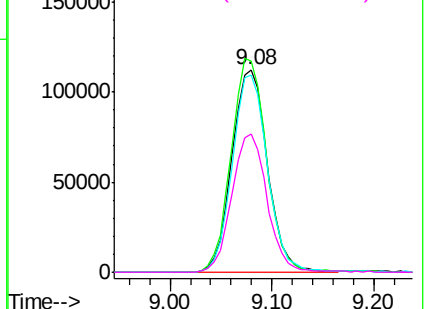


Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0



#55

Chlorobenzene-d5

Concen: 10.00 ppbv

RT: 13.76 min Scan# 1751

Delta R.T. -0.04 min

Lab File: VL026364.D

Acq: 11 Nov 2015 14:38

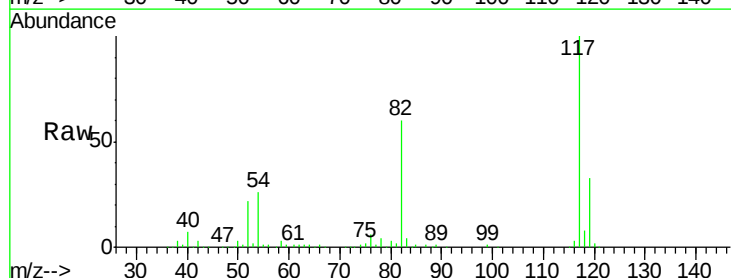
Tgt Ion:117 Resp: 1465854

Ion Ratio Lower Upper

117 100

82 60.4 48.2 72.4

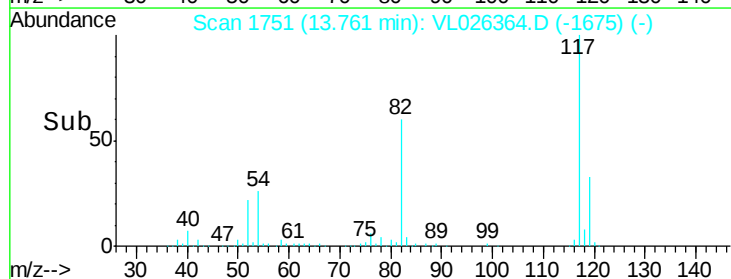
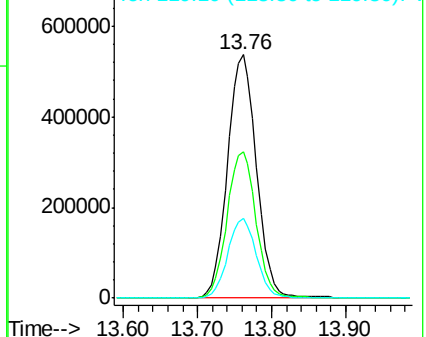
119 32.6 46.2 69.2#

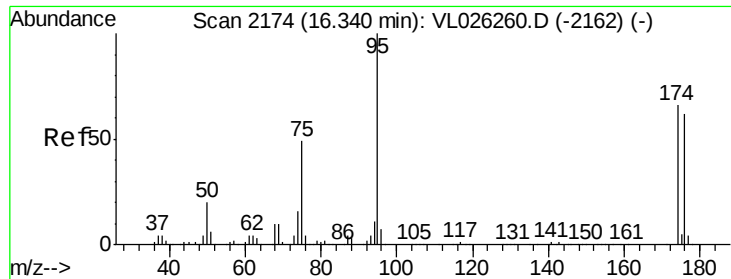


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.43 ppbv

RT: 16.30 min Scan# 2168

Delta R.T. -0.04 min

Lab File: VL026364.D

Acq: 11 Nov 2015 14:38

Instrument :

MSVOA_L

ClientSampleId :

QC110215 CAN 10657

Tot Ion: 95 Resp: 1160198

Ion Ratio Lower Upper

95 100

174 64.3 52.9 79.3

175 4.7 3.8 5.8

