

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL072715\
 Data File : VL025764.D
 Acq On : 27 Jul 2015 22:18
 Operator : SY/MD
 Sample : G3100-01DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1DL

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Quant Time: Jul 28 11:31:11 2015
 Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 08 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	759983	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	8.32	114	2074620	10.00	ppbv	-0.01
55) Chlorobenzene-d5	13.74	117	2515789	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	16.28	95	2189120	10.32	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.60	41	3966	0.11	ppbv #	77
10) Heptane	9.35	43	15252	0.11	ppbv #	74
13) Ethanol	4.32	45	174232	31.49	ppbv	99
19) Isopropyl Alcohol	4.76	45	161252	3.01	ppbv #	98
29) Chloroform	6.74	83	113963	0.60	ppbv	97
34) 2-Butanone	6.21	43	43746	0.37	ppbv	96
52) Tetrachloroethene	12.79	164	25233m	0.25	ppbv	
53) Toluene	11.23	91	838125	3.00	ppbv	100
69) p-Isopropyltoluene	19.78	119	82885	0.14	ppbv #	90

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

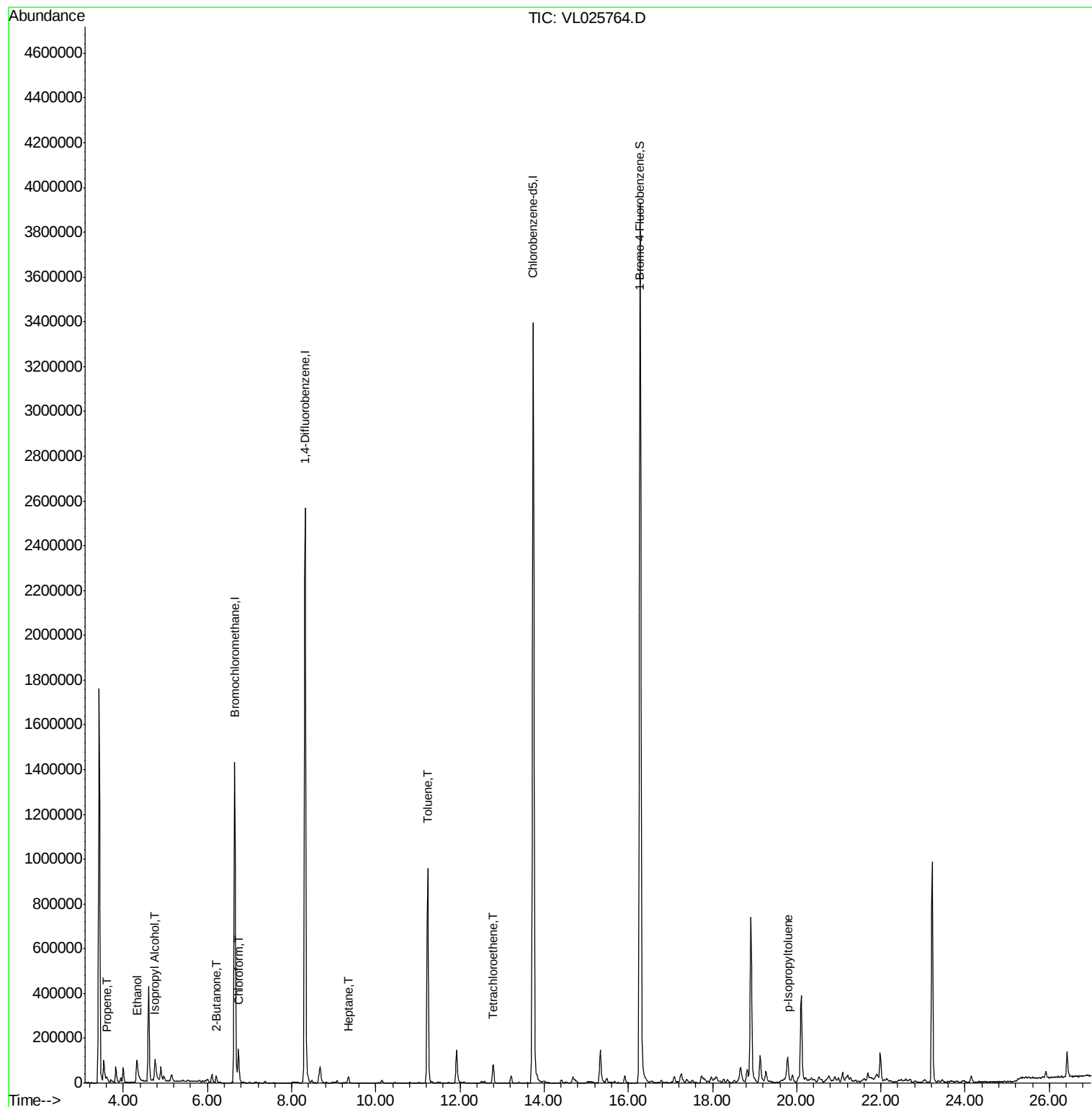
Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL072715\
Data File : VL025764.D
Acq On : 27 Jul 2015 22:18
Operator : SY/MD
Sample : G3100-01DL 10X
Misc : 400mL/MSVOA_L
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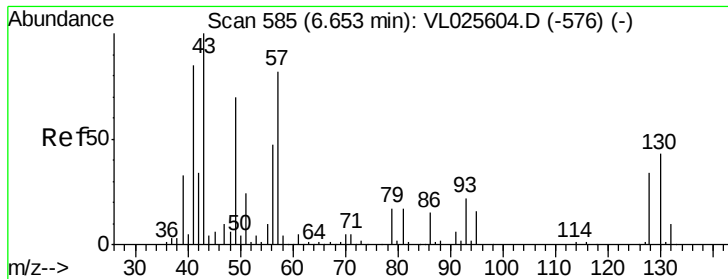
Instrument :
MSVOA_L
ClientSampled :
IA-1DL

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Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
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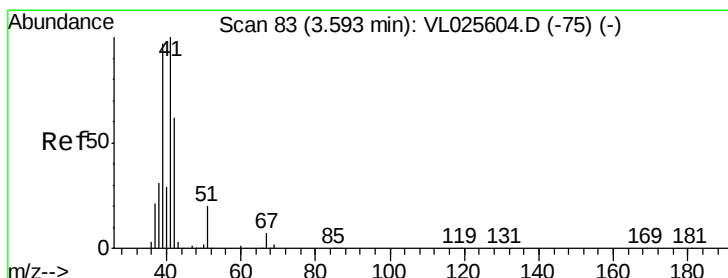
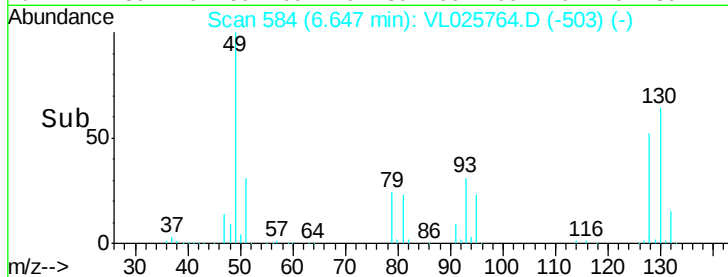
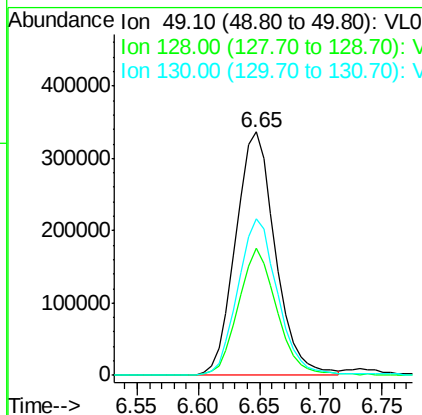
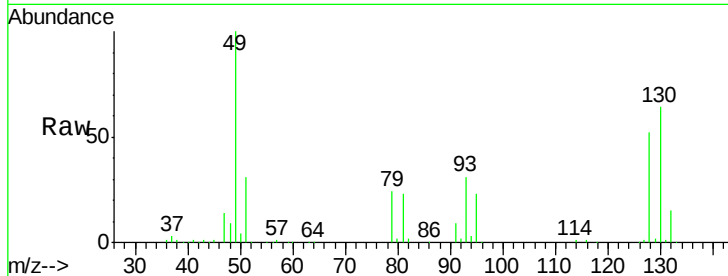
#1
 Bromochloromethane
 Concen: 10.00 ppbv
 RT: 6.65 min Scan# 584
 Delta R.T. -0.01 min
 Lab File: VL025764.D
 Acq: 27 Jul 2015 22:18

Instrument :
 MSVOA_L
 ClientSampleID :
 IA-1DL

Tgt Ion: 49 Resp: 759983
 Ion Ratio Lower Upper
 49 100
 128 51.5 25.4 76.0
 130 65.5 31.9 95.9

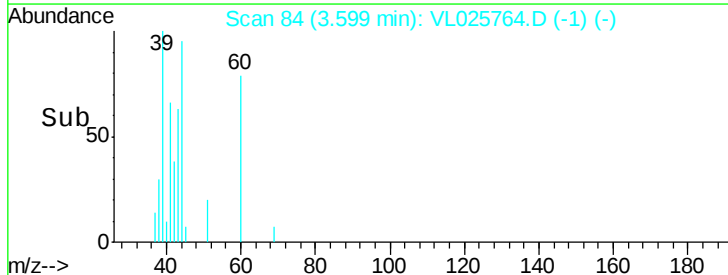
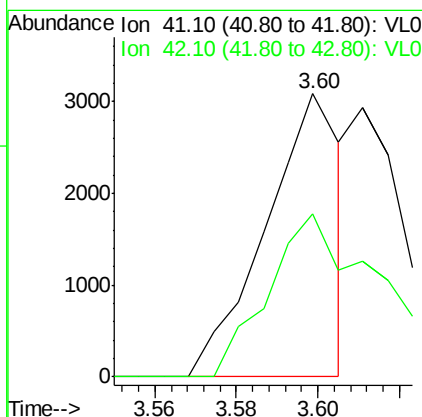
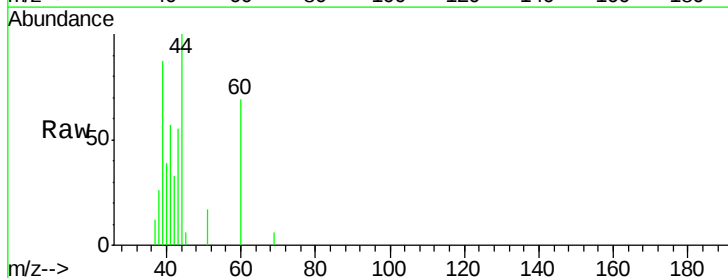
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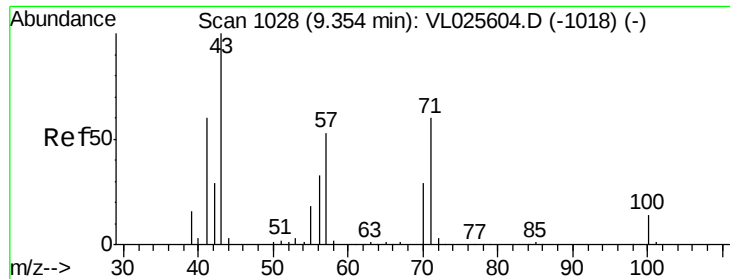
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#9
 Propene
 Concen: 0.11 ppbv
 RT: 3.60 min Scan# 84
 Delta R.T. 0.01 min
 Lab File: VL025764.D
 Acq: 27 Jul 2015 22:18

Tgt Ion: 41 Resp: 3966
 Ion Ratio Lower Upper
 41 100
 42 83.9 52.4 78.6#





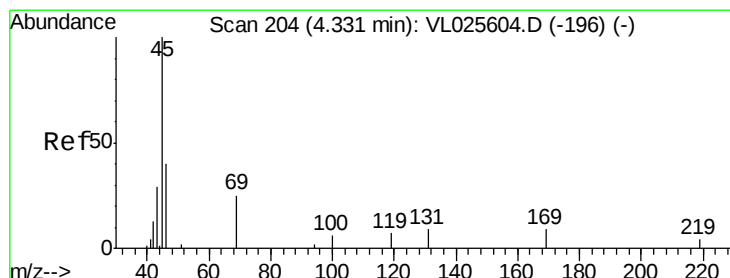
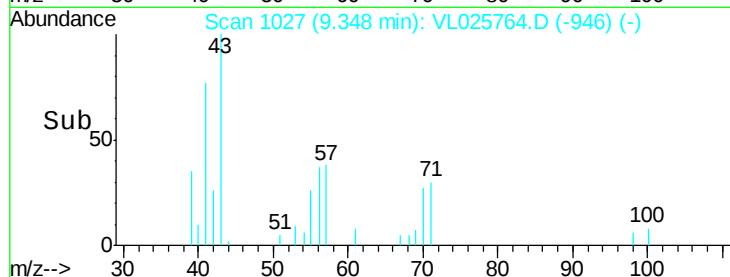
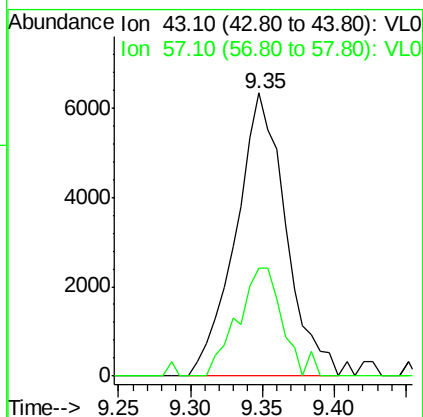
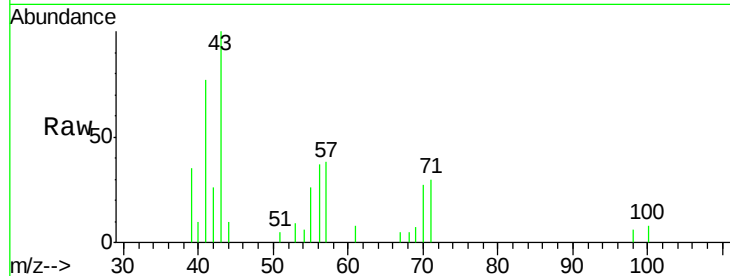
#10
Heptane
Concen: 0.11 ppbv
RT: 9.35 min Scan# 1027
Delta R.T. -0.01 min
Lab File: VL025764.D
Acq: 27 Jul 2015 22:18

Instrument :
MSVOA_L
ClientSampled :
IA-1DL

Tgt Ion: 43 Resp: 15252
Ion Ratio Lower Upper
43 100
57 34.9 42.6 64.0#

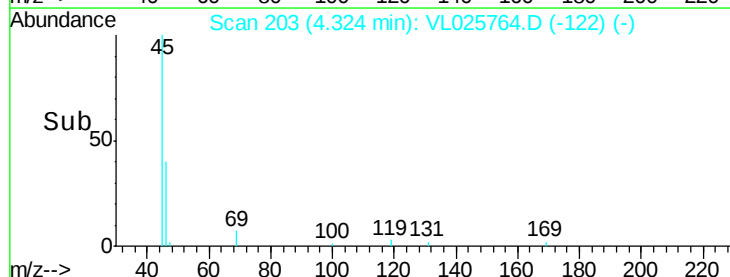
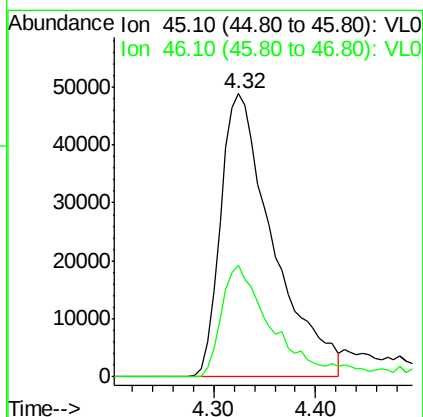
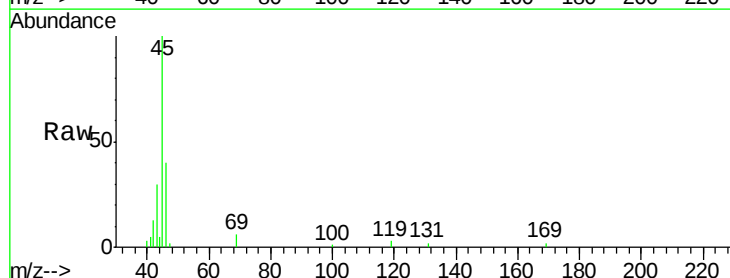
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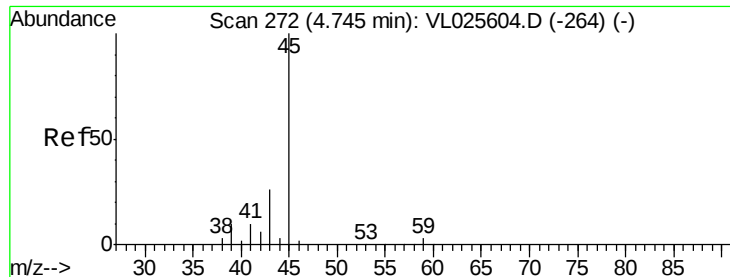
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#13
Ethanol
Concen: 31.49 ppbv
RT: 4.32 min Scan# 203
Delta R.T. -0.01 min
Lab File: VL025764.D
Acq: 27 Jul 2015 22:18

Tgt Ion: 45 Resp: 174232
Ion Ratio Lower Upper
45 100
46 39.2 16.0 64.0





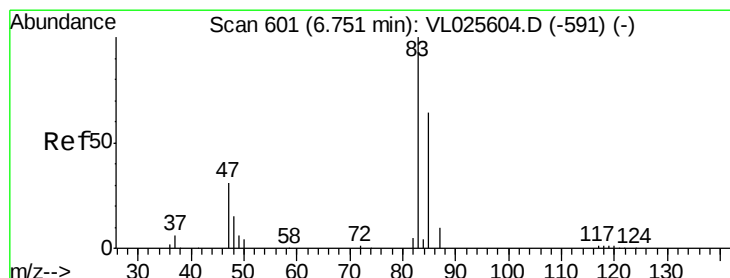
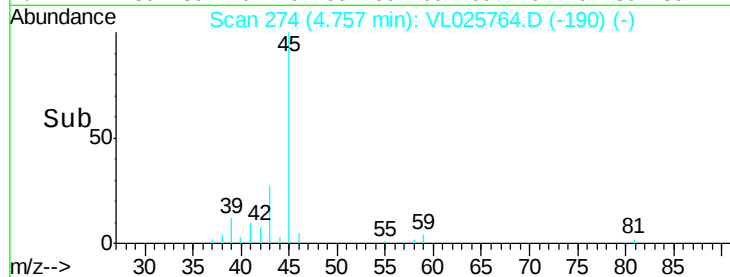
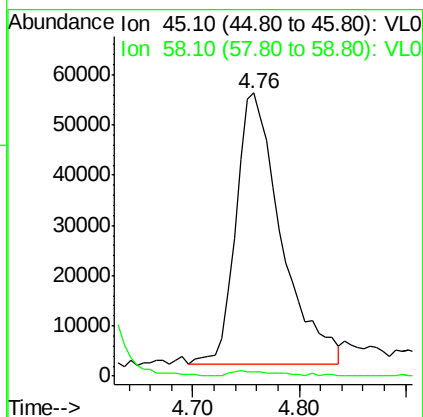
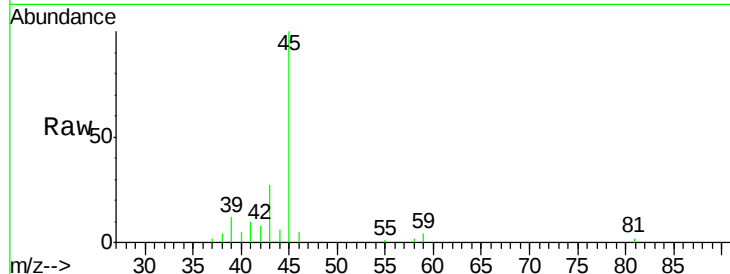
#19
Isopropyl Alcohol
Concen: 3.01 ppbv
RT: 4.76 min Scan# 274
Delta R.T. 0.01 min
Lab File: VL025764.D
Acq: 27 Jul 2015 22:18

Instrument :
MSVOA_L
ClientSampleId :
IA-1DL

Tgt Ion: 45 Resp: 161252
Ion Ratio Lower Upper
45 100
58 2.1 1.1 1.7#

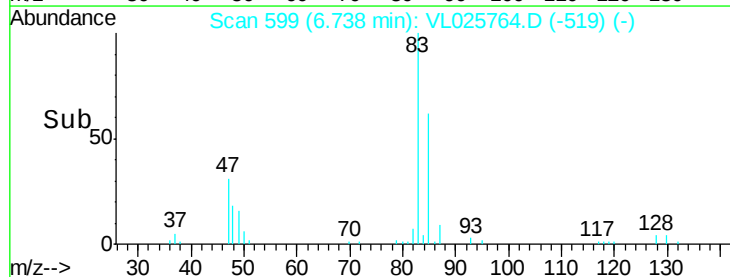
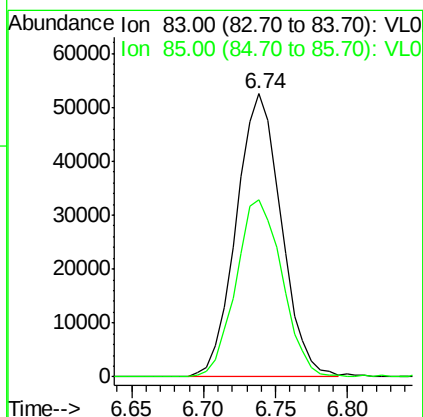
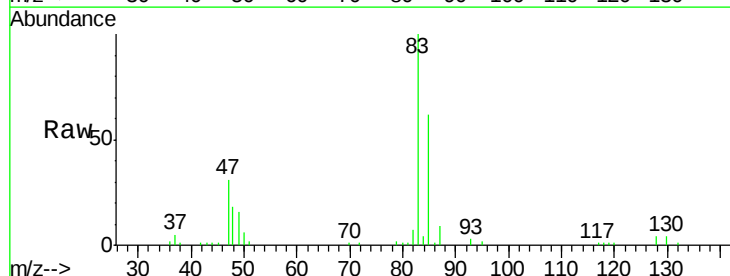
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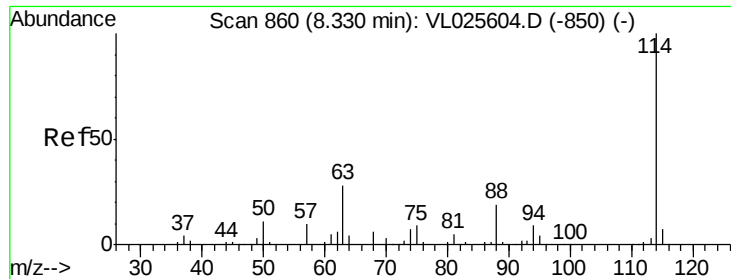
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#29
Chloroform
Concen: 0.60 ppbv
RT: 6.74 min Scan# 599
Delta R.T. -0.01 min
Lab File: VL025764.D
Acq: 27 Jul 2015 22:18

Tgt Ion: 83 Resp: 113963
Ion Ratio Lower Upper
83 100
85 62.4 51.6 77.4





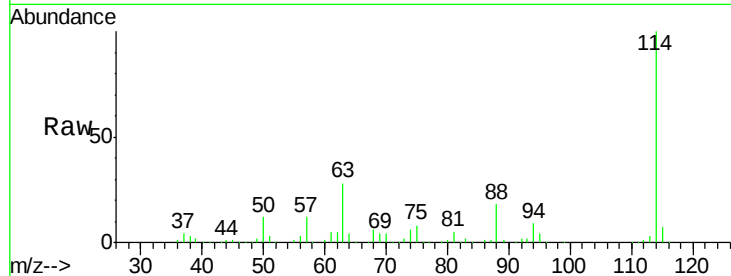
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 8.32 min Scan# 858
 Delta R.T. -0.01 min
 Lab File: VL025764.D
 Acq: 27 Jul 2015 22:18

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1DL

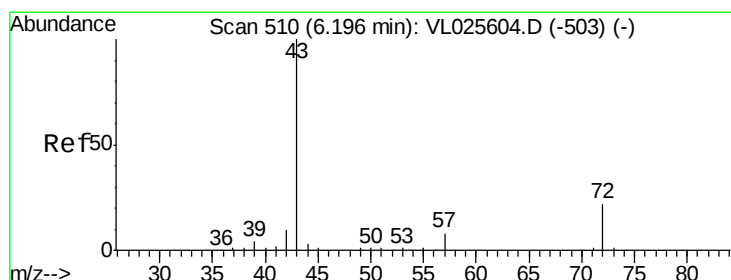
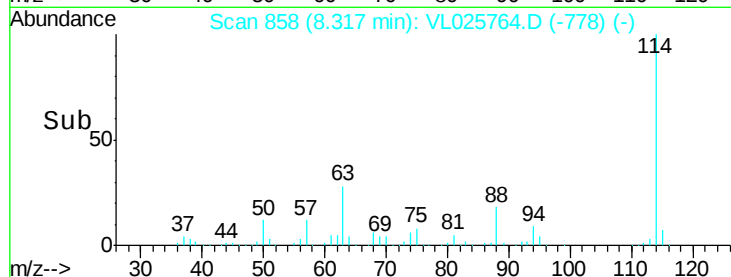
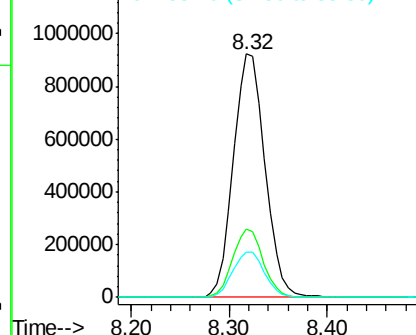
Tgt Ion: 114 Resp: 2074620
 Ion Ratio Lower Upper
 114 100
 63 27.2 22.4 33.6
 88 18.6 15.0 22.4

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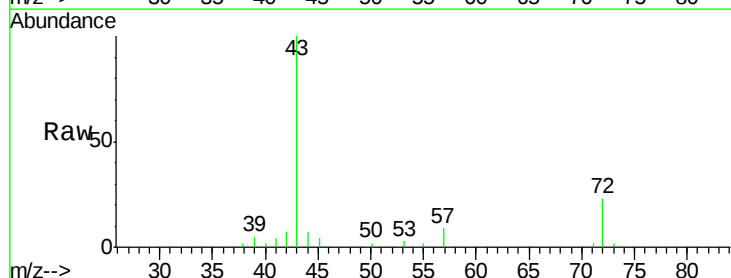


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

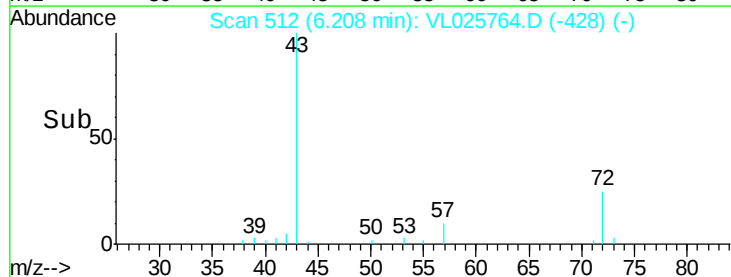
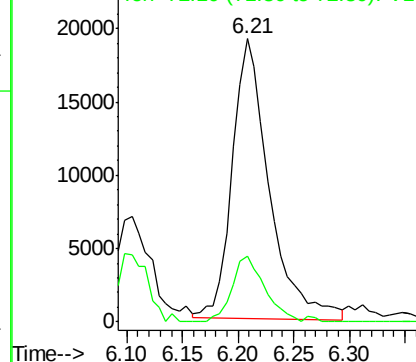


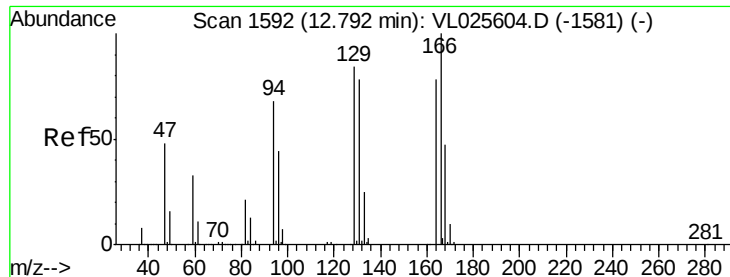
#34
 2-Butanone
 Concen: 0.37 ppbv
 RT: 6.21 min Scan# 512
 Delta R.T. 0.01 min
 Lab File: VL025764.D
 Acq: 27 Jul 2015 22:18

Tgt Ion: 43 Resp: 43746
 Ion Ratio Lower Upper
 43 100
 72 21.5 18.6 28.0



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





#52

Tetrachloroethene

Concen: 0.25 ppbv m

RT: 12.79 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VL025764.D

Acq: 27 Jul 2015 22:18

Instrument :

MSVOA_L

ClientSampled :

IA-1DL

Tgt Ion:164 Resp: 25233

Ion Ratio Lower Upper

164 100

166 124.6 102.3 153.5

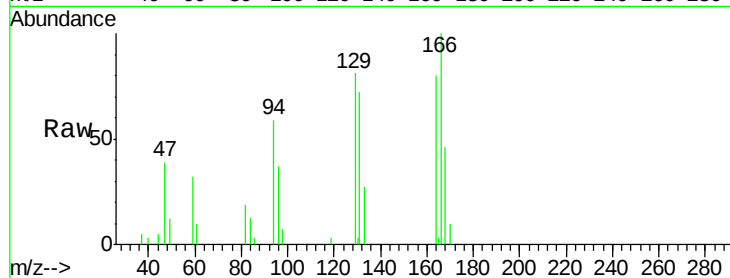
129 100.4 86.2 129.4

131 89.6 80.3 120.5

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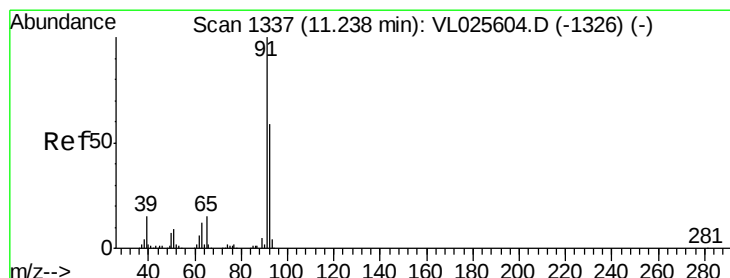
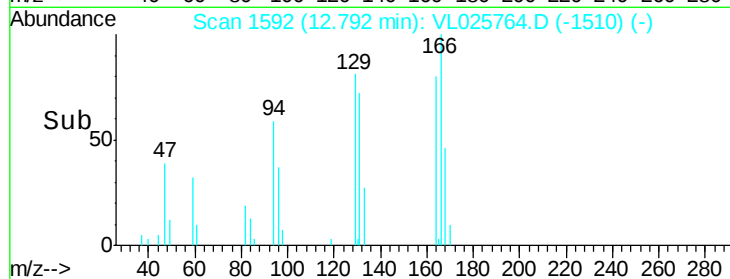
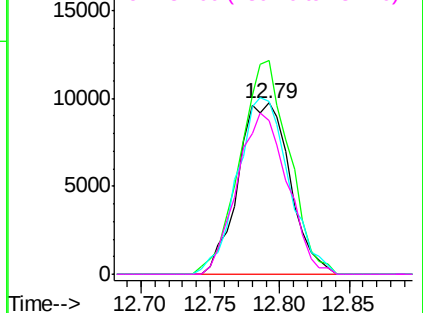


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#53

Toluene

Concen: 3.00 ppbv

RT: 11.23 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VL025764.D

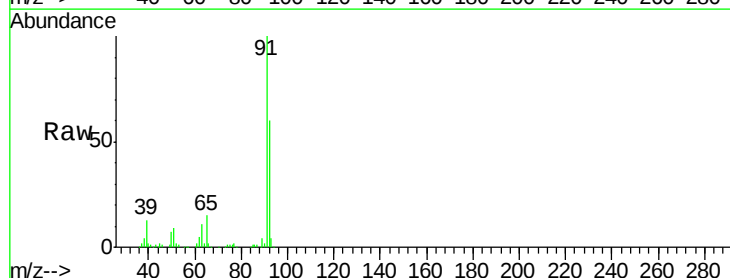
Acq: 27 Jul 2015 22:18

Tgt Ion: 91 Resp: 838125

Ion Ratio Lower Upper

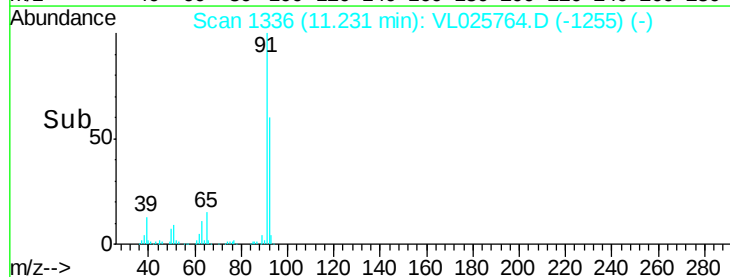
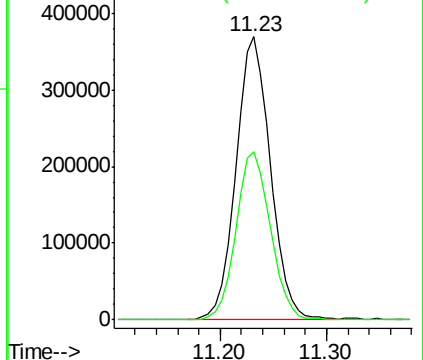
91 100

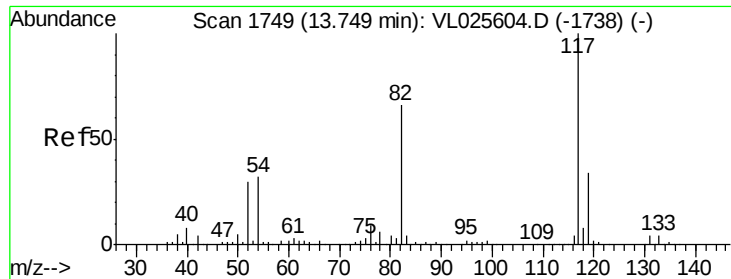
92 59.9 48.2 72.2



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0





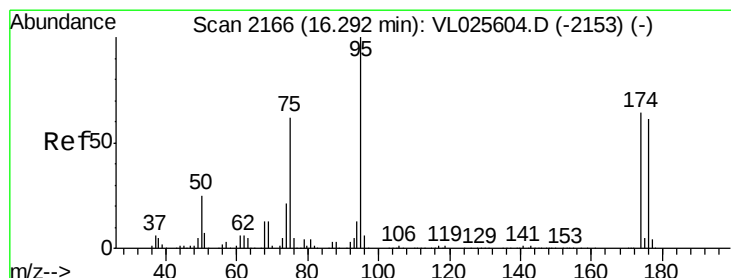
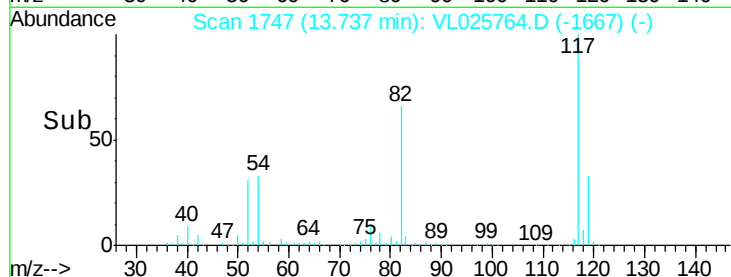
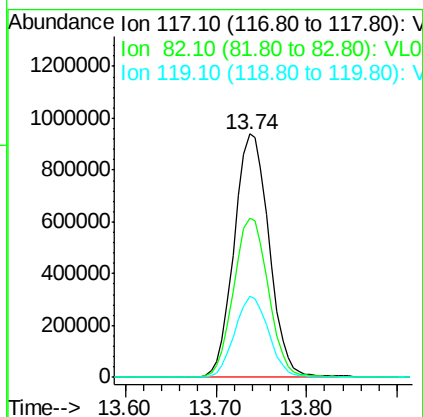
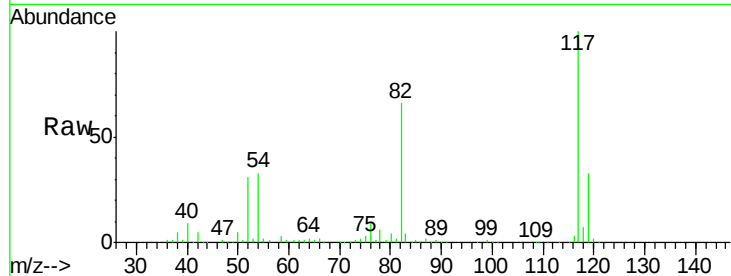
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.74 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VL025764.D
Acq: 27 Jul 2015 22:18

Instrument :
MSVOA_L
ClientSampleId :
IA-1DL

Tgt Ion: 117 Resp: 2515789
Ion Ratio Lower Upper
117 100
82 65.8 50.5 75.7
119 32.7 45.1 67.7#

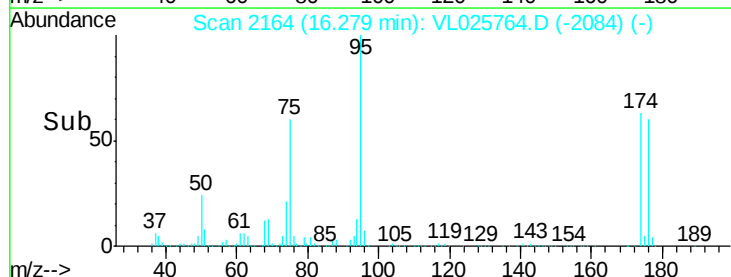
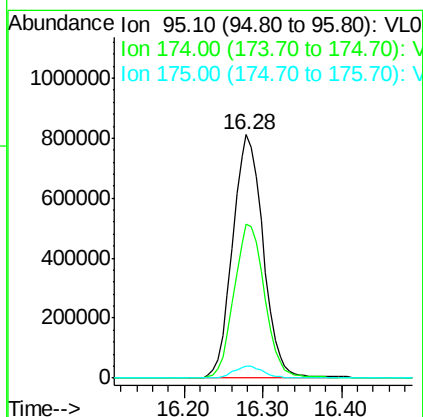
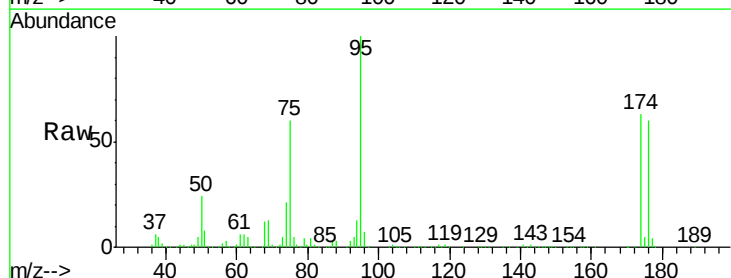
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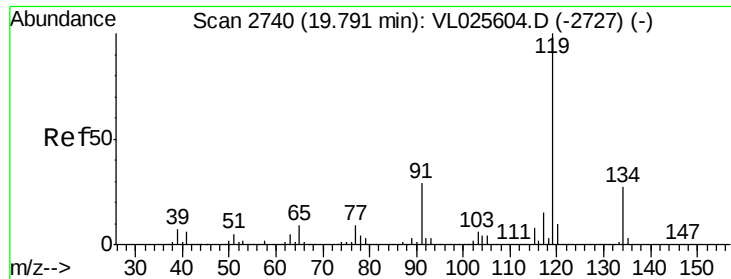
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.32 ppbv
RT: 16.28 min Scan# 2164
Delta R.T. -0.01 min
Lab File: VL025764.D
Acq: 27 Jul 2015 22:18

Tgt Ion: 95 Resp: 2189120
Ion Ratio Lower Upper
95 100
174 64.1 52.0 78.0
175 4.9 3.9 5.9





#69
 p-Isopropyltoluene
 Concen: 0.14 ppbv
 RT: 19.78 min Scan# 2739
 Delta R.T. -0.01 min
 Lab File: VL025764.D
 Acq: 27 Jul 2015 22:18

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
119	100		
134	24.7	20.7	31.1
91	37.6	22.6	34.0

Manual Integrations
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