

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL072715\
 Data File : VL025762.D
 Acq On : 27 Jul 2015 20:57
 Operator : SY/MD
 Sample : G3092-03DL 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 A-217-BDL

Manual Integrations
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 7/28/2015 12:57:19 PM

Quant Time: Jul 28 11:27:38 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	731097	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	8.32	114	2003082	10.00	ppbv	0.00
55) Chlorobenzene-d5	13.74	117	2475896	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	16.28	95	2092798	10.02	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.60	41	16176m	0.47	ppbv	
13) Ethanol	4.36	45	9893m	1.86	ppbv	
15) Acetone	4.64	43	62620	0.48	ppbv #	83
52) Tetrachloroethene	12.78	164	8174	0.08	ppbv #	78

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

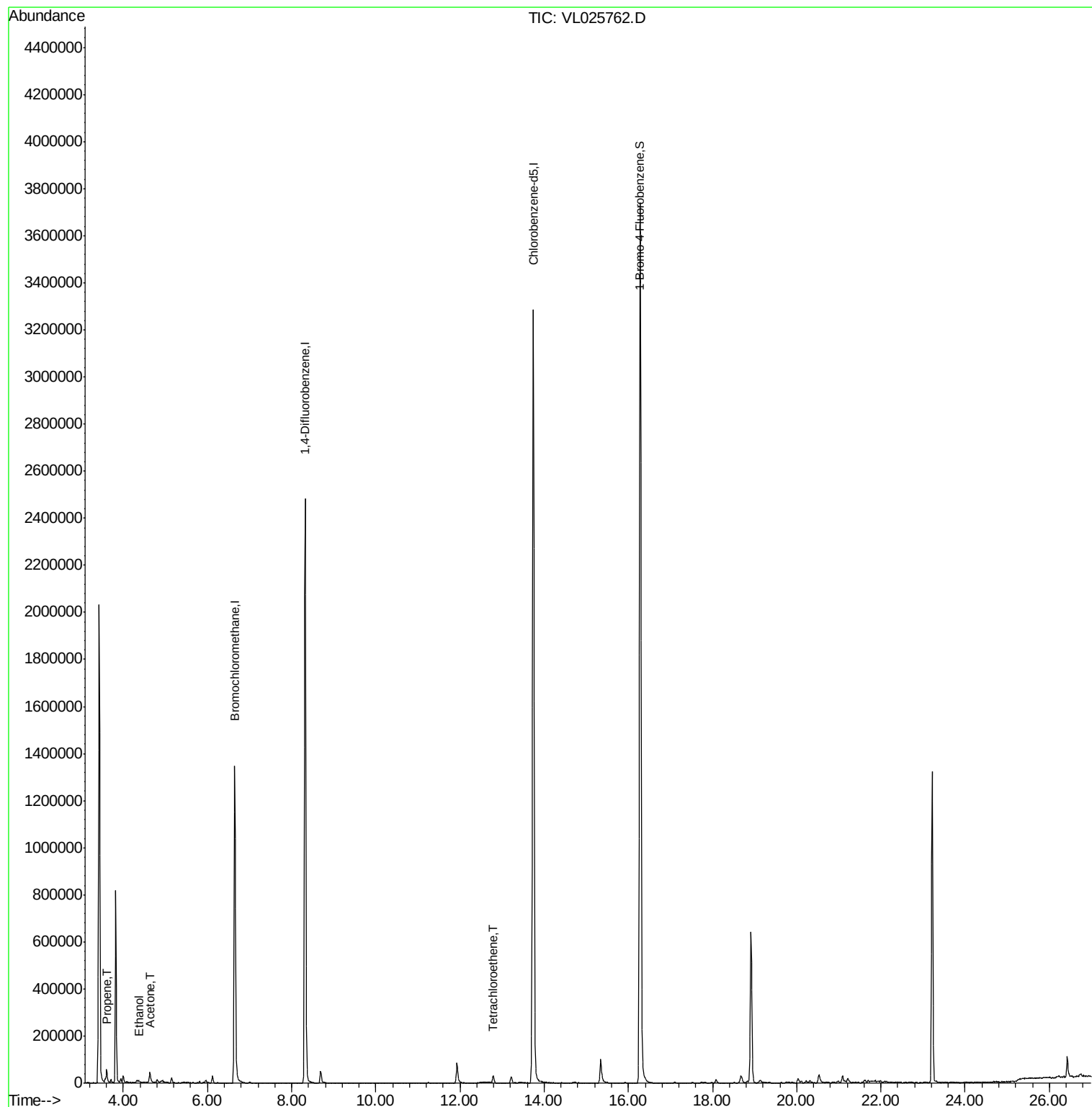
Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL072715\
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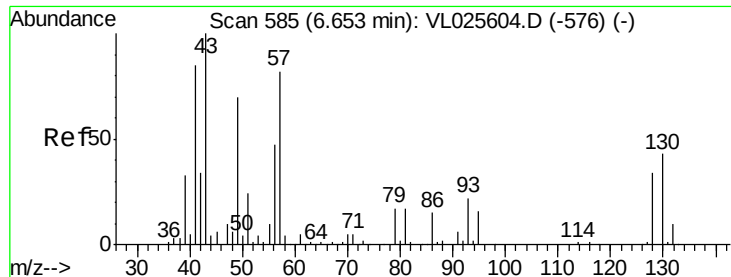
Instrument :
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Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
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QLast Update : Wed Jul 08 02:22:55 2015
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 6.65 min Scan# 584

Delta R.T. -0.01 min

Lab File: VL025762.D

Acq: 27 Jul 2015 20:57

Instrument :

MSVOA_L

ClientSampleId :

A-217-BDL

Tgt Ion: 49 Resp: 731097
Ion Ratio Lower Upper

49 100

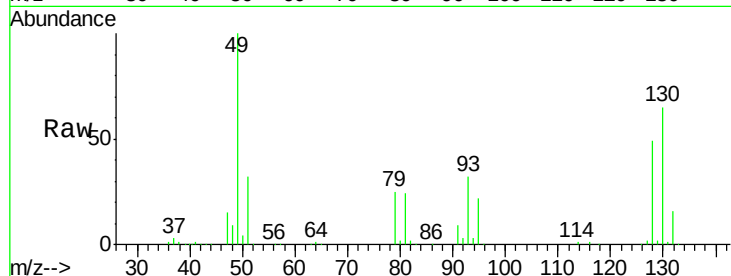
128 51.1 25.4 76.0

130 66.2 31.9 95.9

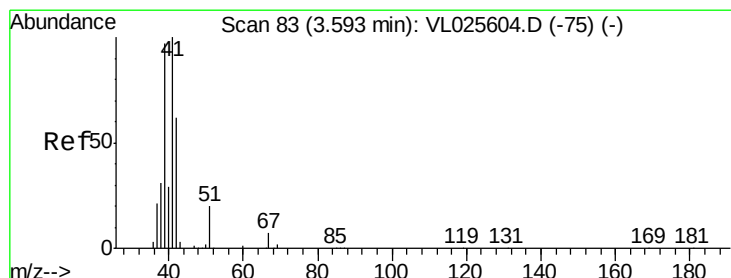
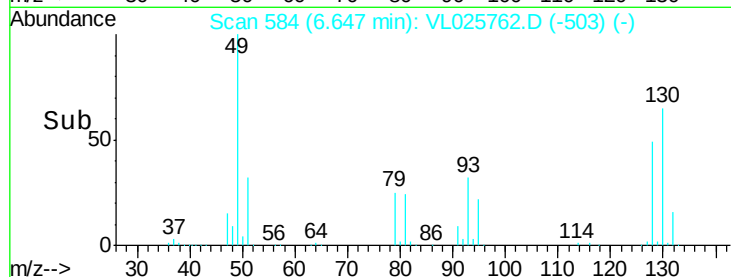
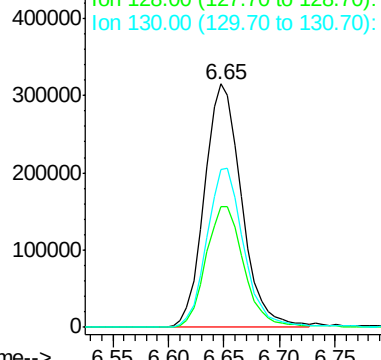
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Abundance Ion 49.10 (48.80 to 49.80): VL0
Ion 128.00 (127.70 to 128.70): V
Ion 130.00 (129.70 to 130.70): V



#9

Propene

Concen: 0.47 ppbv m

RT: 3.60 min Scan# 85

Delta R.T. 0.01 min

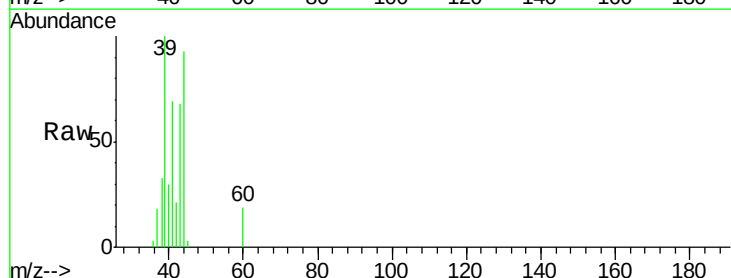
Lab File: VL025762.D

Acq: 27 Jul 2015 20:57

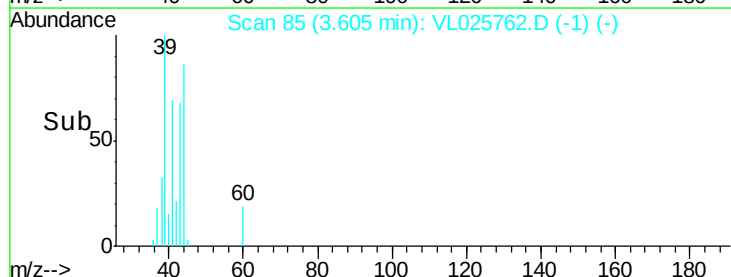
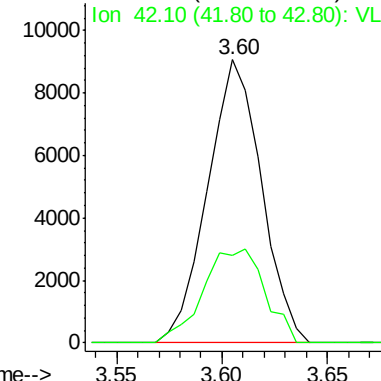
Tgt Ion: 41 Resp: 16176
Ion Ratio Lower Upper

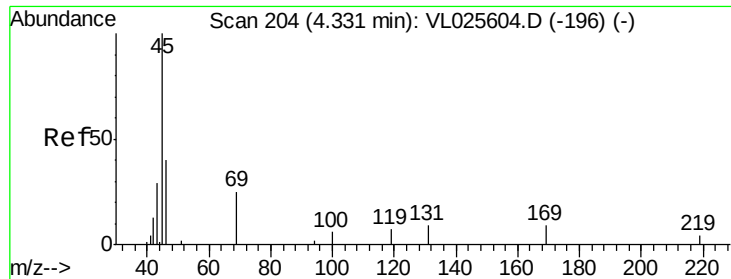
41 100

42 1127.7 52.4 78.6#



Abundance Ion 41.10 (40.80 to 41.80): VL0
Ion 42.10 (41.80 to 42.80): VL0





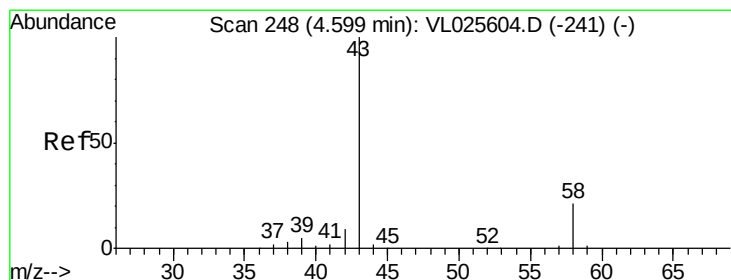
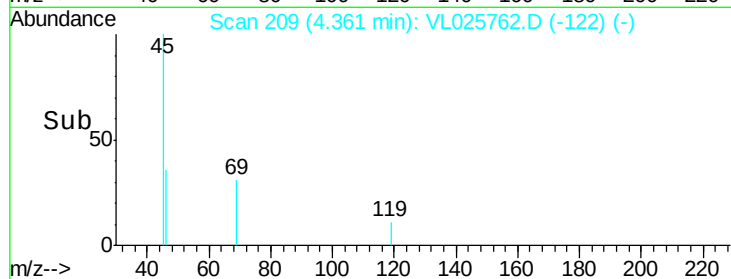
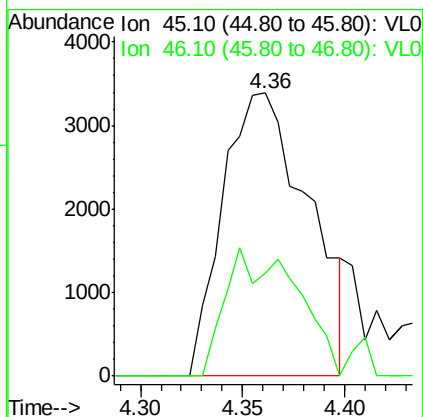
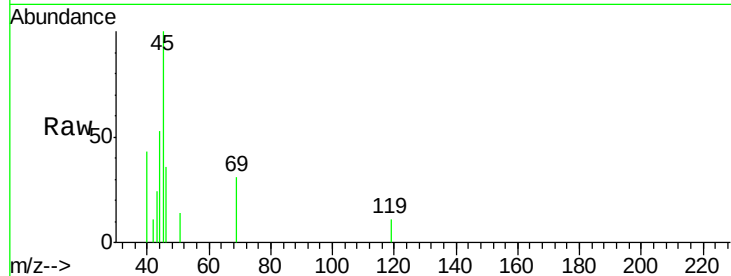
#13
Ethanol
Concen: 1.86 ppbv m
RT: 4.36 min Scan# 209
Delta R.T. 0.03 min
Lab File: VL025762.D
Acq: 27 Jul 2015 20:57

Instrument :
MSVOA_L
ClientSampleId :
A-217-BDL

Tgt Ion: 45 Resp: 9893
Ion Ratio Lower Upper
45 100
46 40.6 16.0 64.0

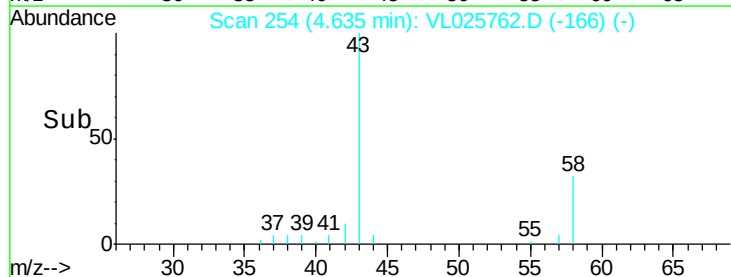
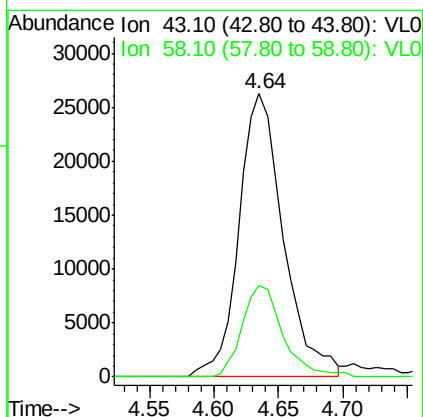
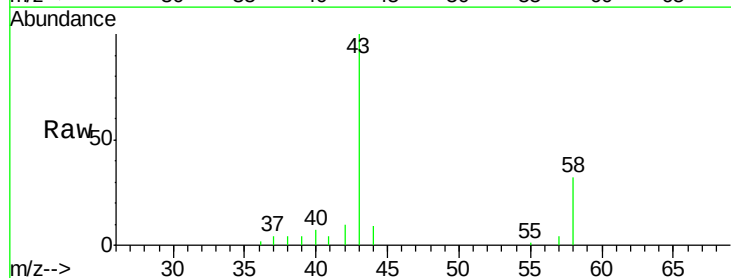
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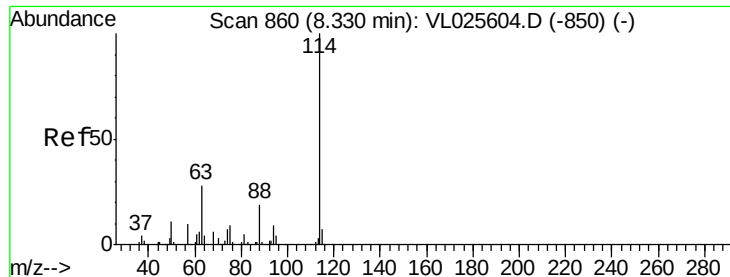
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#15
Acetone
Concen: 0.48 ppbv
RT: 4.64 min Scan# 254
Delta R.T. 0.04 min
Lab File: VL025762.D
Acq: 27 Jul 2015 20:57

Tgt Ion: 43 Resp: 62620
Ion Ratio Lower Upper
43 100
58 29.7 17.2 25.8#





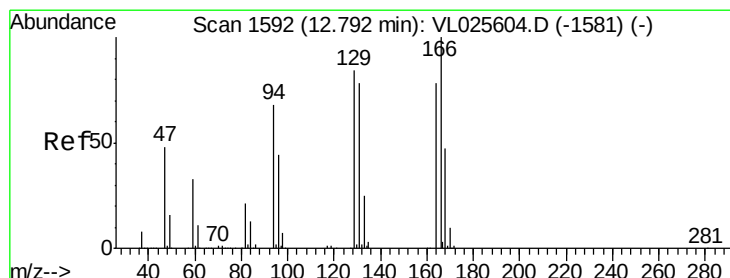
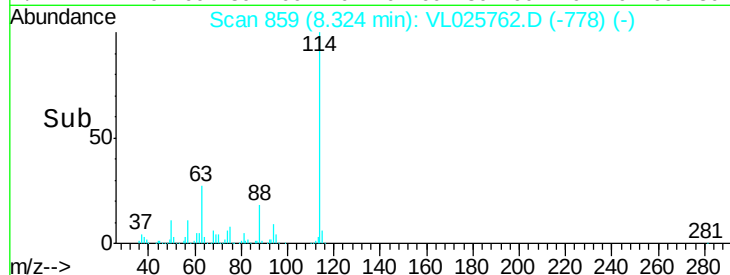
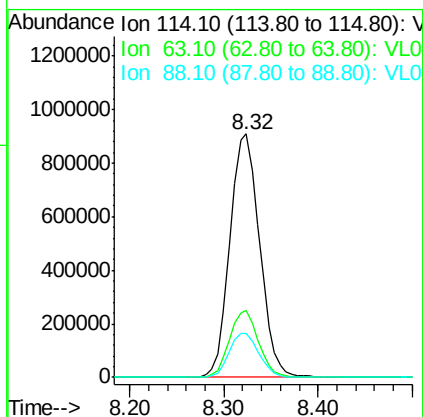
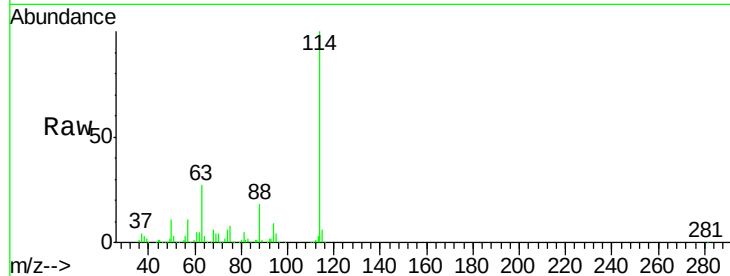
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 8.32 min Scan# 859
 Delta R.T. -0.01 min
 Lab File: VL025762.D
 Acq: 27 Jul 2015 20:57

Instrument :
 MSVOA_L
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 A-217-BDL

Tgt Ion:114 Resp: 2003082
 Ion Ratio Lower Upper
 114 100
 63 26.9 22.4 33.6
 88 18.4 15.0 22.4

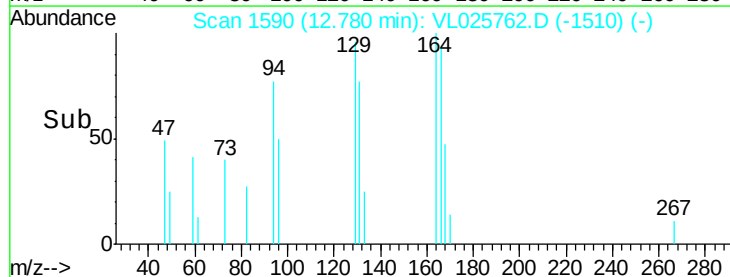
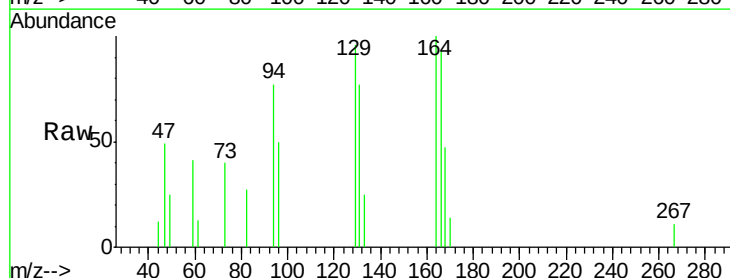
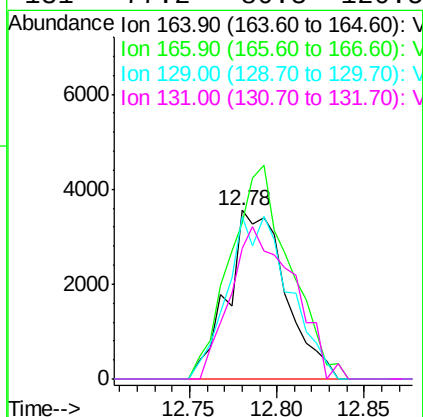
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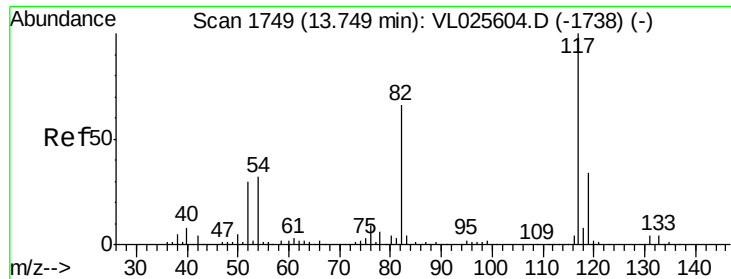
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#52
 Tetrachloroethene
 Concen: 0.08 ppbv
 RT: 12.78 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: VL025762.D
 Acq: 27 Jul 2015 20:57

Tgt Ion:164 Resp: 8174
 Ion Ratio Lower Upper
 164 100
 166 92.7 102.3 153.5#
 129 96.3 86.2 129.4
 131 77.2 80.3 120.5#





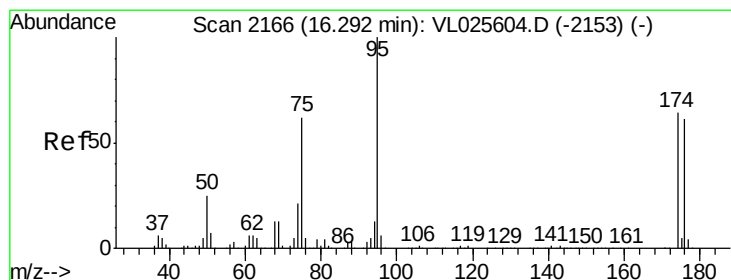
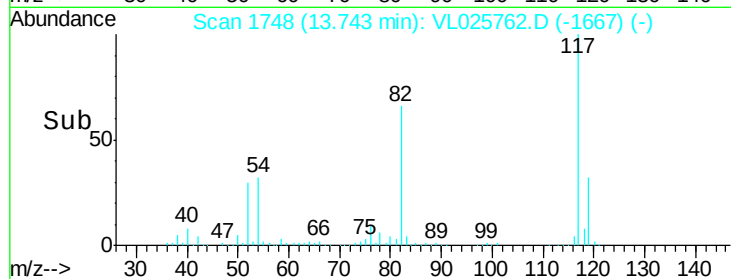
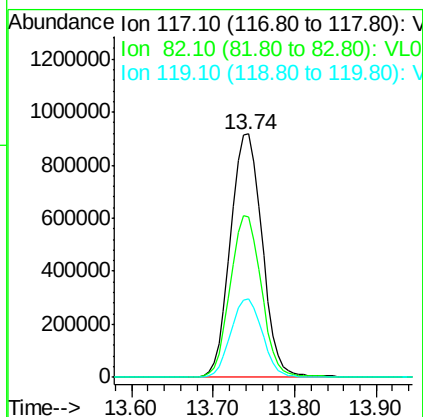
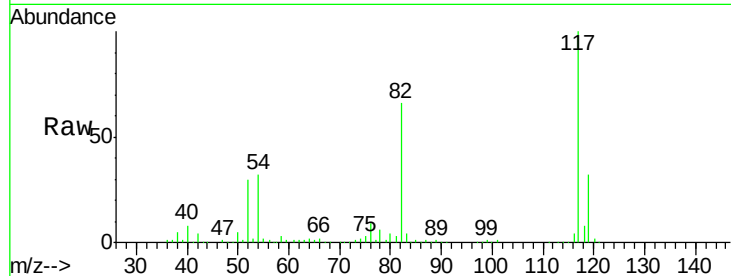
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.74 min Scan# 1748
Delta R.T. -0.01 min
Lab File: VL025762.D
Acq: 27 Jul 2015 20:57

Instrument :
MSVOA_L
ClientSampleId :
A-217-BDL

Tgt Ion: 117 Resp: 2475896
Ion Ratio Lower Upper
117 100
82 65.7 50.5 75.7
119 32.3 45.1 67.7#

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.02 ppbv
RT: 16.28 min Scan# 2164
Delta R.T. -0.01 min
Lab File: VL025762.D
Acq: 27 Jul 2015 20:57

Tgt Ion: 95 Resp: 2092798
Ion Ratio Lower Upper
95 100
174 64.6 52.0 78.0
175 5.0 3.9 5.9

