

Data File : VL031861.D
Acq On : 12 Apr 2018 10:58
Operator : SY/AP
Sample : QC032918 CAN 10442
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC032918 CAN 10442

Quant Time: Apr 14 01:34:04 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL041218AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Apr 13 16:50:02 2018
QLast Update : Fri Apr 13 16:50:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.88	49	1362644	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.42	114	2705276	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.39	117	2595499	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.72	95	2093625	10.03	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.30%

Target Compounds						Qvalue
20) Methylene Chloride	4.52	84	42502	0.56	ppbv #	78
30) Cyclohexane	7.41	84	6907	0.06	ppbv #	1
39) 1,2-Dichloropropane	7.42	63	720540	7.97	ppbv #	21
80) Naphthalene,2-methyl-	25.24	142	6177	0.17	ppbv #	89

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

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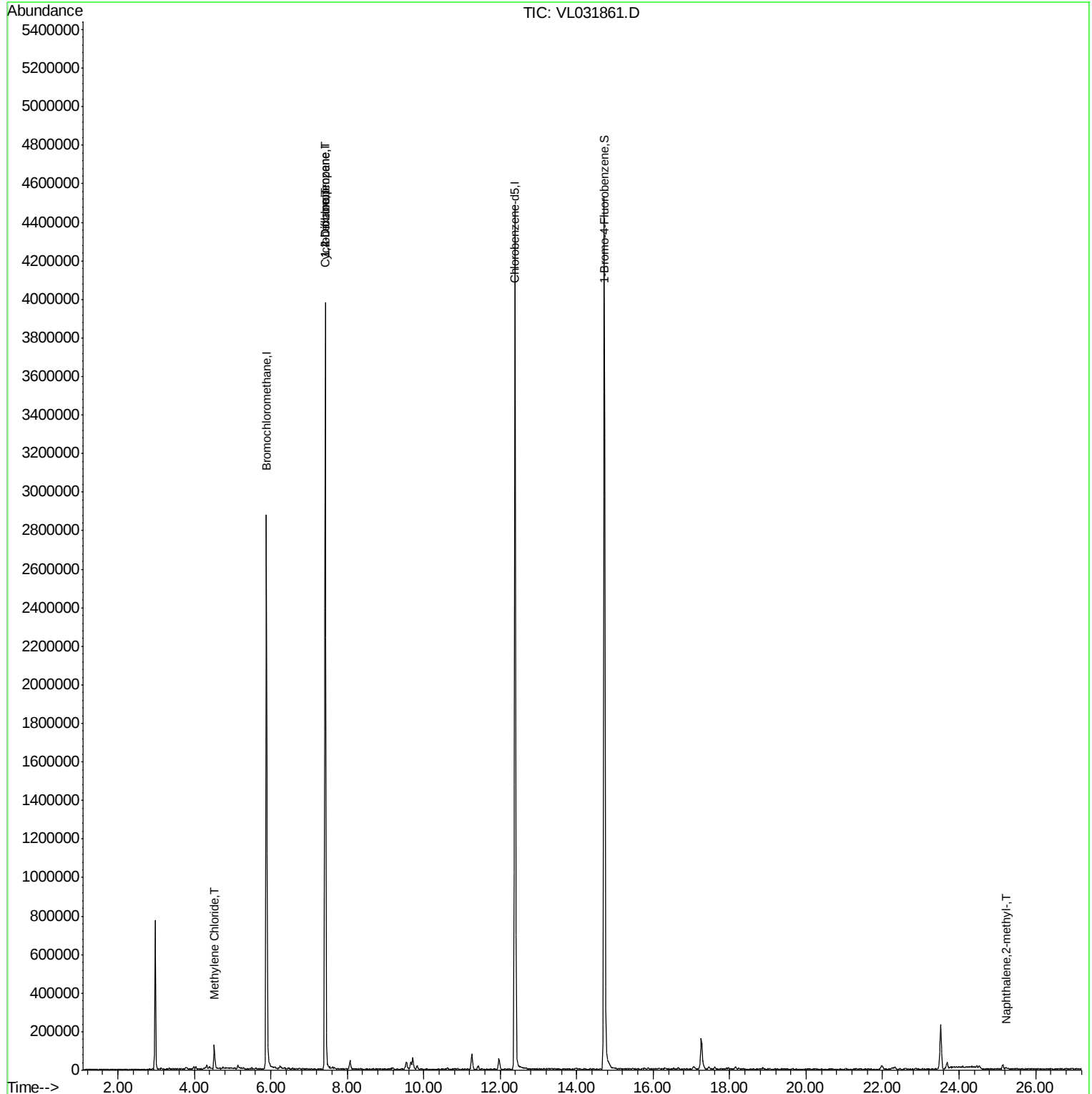
Quant Time: Apr 14 01:34:04 2018

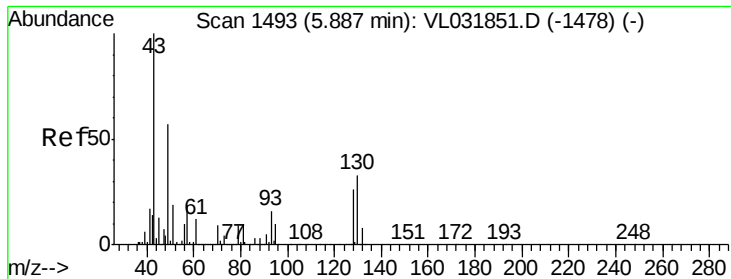
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL041218AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Apr 13 16:50:02 2018

QLast Update : Fri Apr 13 16:50:02 2018

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.88 min Scan# 1492

Delta R.T. -0.01 min

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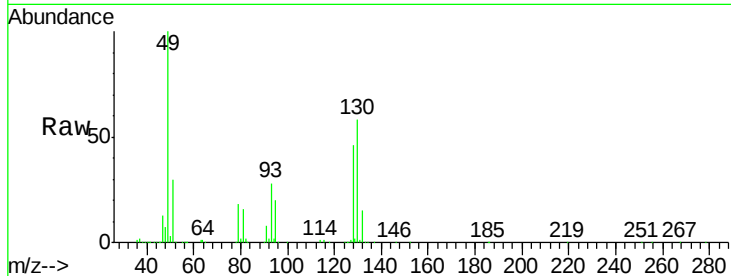
Tgt Ion: 49 Resp: 1362644

Ion Ratio Lower Upper

49 100

128 48.1 23.9 71.7

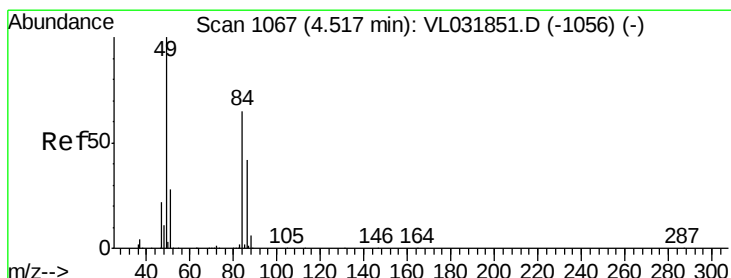
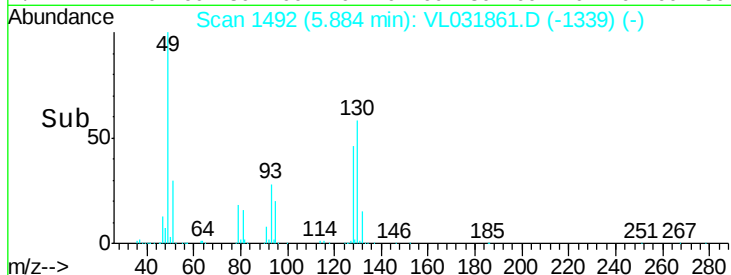
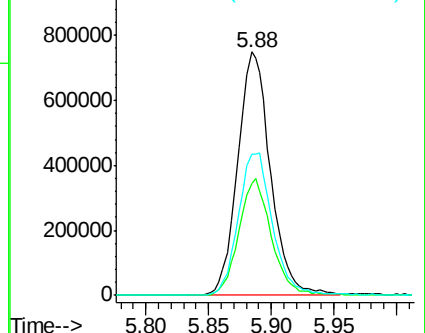
130 61.4 30.9 92.7



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



#20

Methylene Chloride

Concen: 0.56 ppbv

RT: 4.52 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VL031861.D

Acq: 12 Apr 2018 10:58

Tgt Ion: 84 Resp: 42502

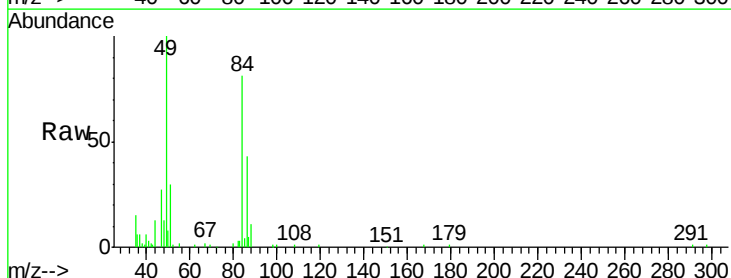
Ion Ratio Lower Upper

84 100

49 122.5 125.6 188.4#

51 36.6 36.4 54.6

86 53.3 53.7 80.5#

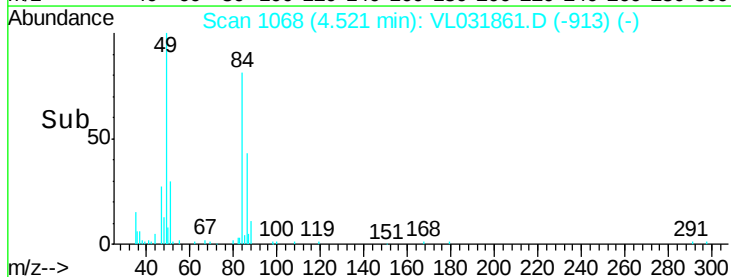
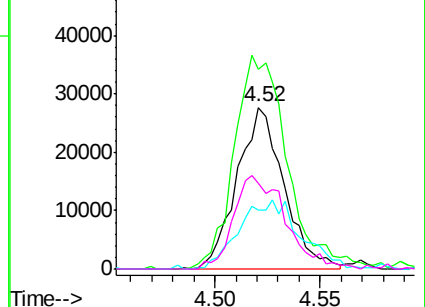


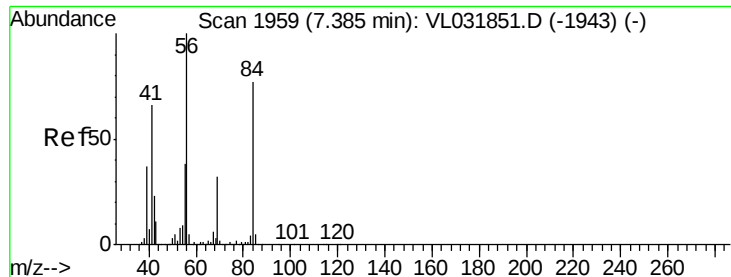
Abundance Ion 84.00 (83.70 to 84.70): VL0

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

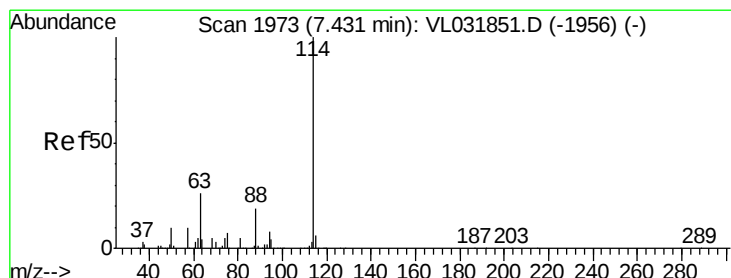
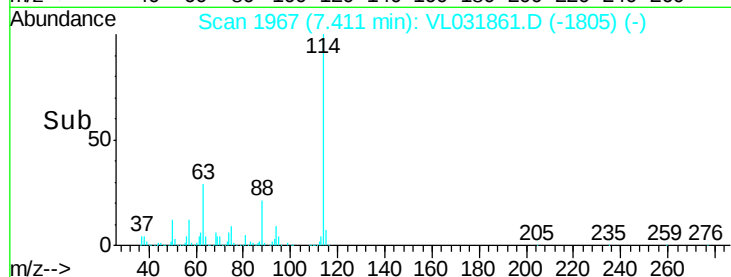
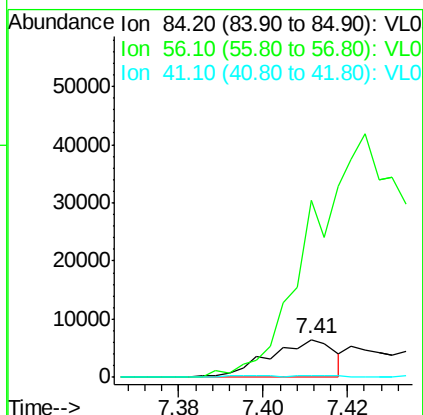
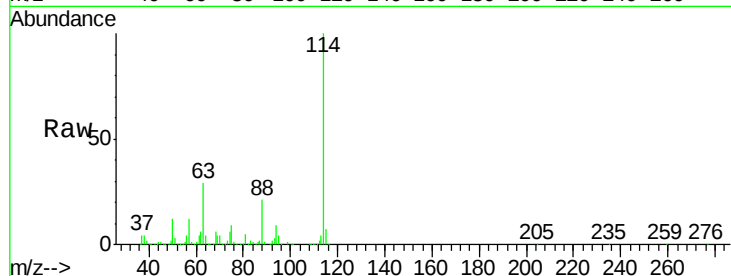




#30
Cyclohexane
Concen: 0.06 ppbv
RT: 7.41 min Scan# 1967
Delta R.T. 0.02 min
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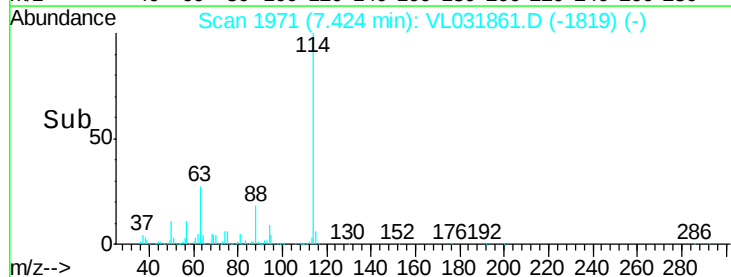
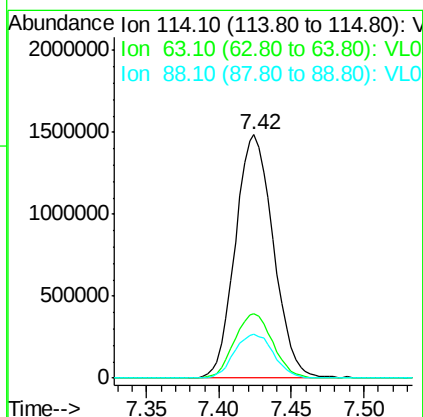
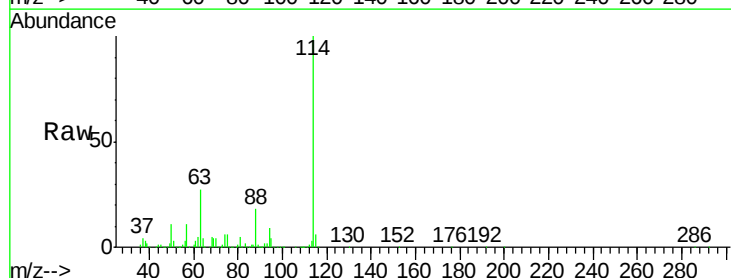
Instrument :
MSVOA_L
ClientSampleId :
QC032918 CAN 10442

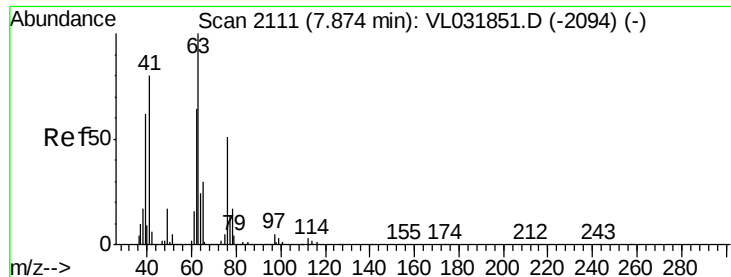
Tgt Ion: 84 Resp: 6907
Ion Ratio Lower Upper
84 100
56 0.0 107.7 161.5#
41 6.4 68.2 102.2#



#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.42 min Scan# 1971
Delta R.T. -0.01 min
Lab File: VL031861.D
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Tgt Ion: 114 Resp: 2705276
Ion Ratio Lower Upper
114 100
63 26.9 21.8 32.6
88 18.7 14.6 22.0





#39

1,2-Dichloropropane

Concen: 7.97 ppbv

RT: 7.42 min Scan# 1971

Delta R.T. -0.46 min

Lab File: VL031861.D

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ClientSampleId :

QC032918 CAN 10442

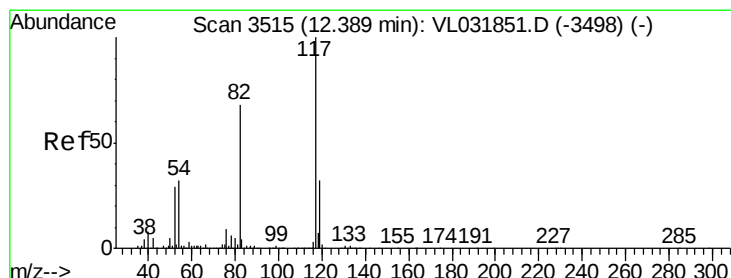
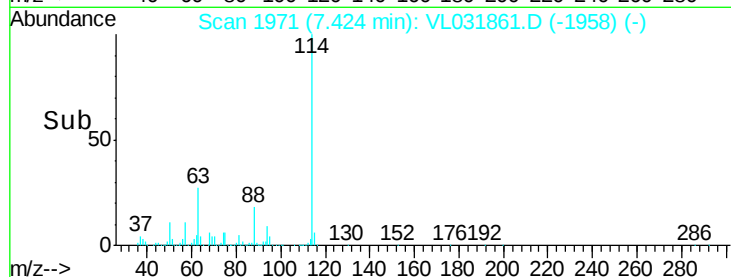
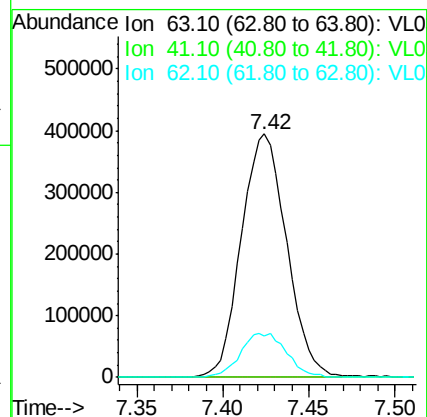
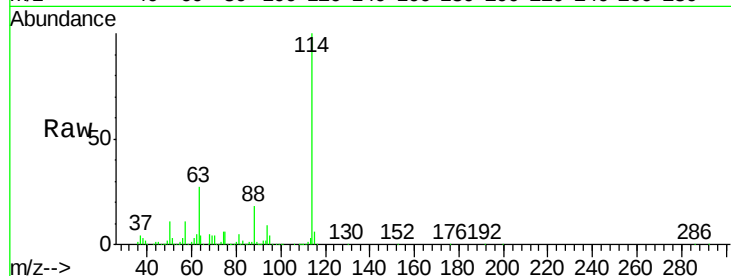
Tgt Ion: 63 Resp: 720540

Ion Ratio Lower Upper

63 100

41 0.0 65.8 98.6#

62 17.0 55.0 82.6#



#55

Chlorobenzene-d5

Concen: 10.00 ppbv

RT: 12.39 min Scan# 3514

Delta R.T. -0.01 min

Lab File: VL031861.D

Acq: 12 Apr 2018 10:58

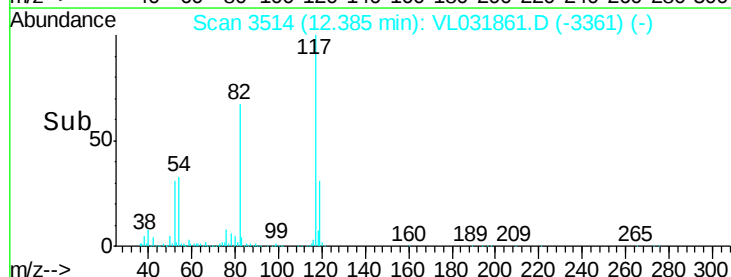
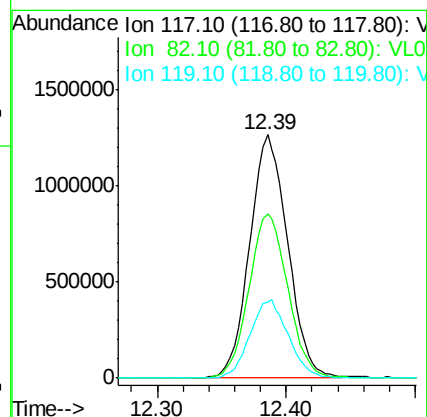
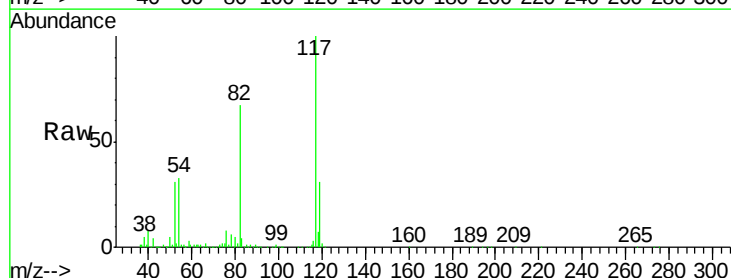
Tgt Ion: 117 Resp: 2595499

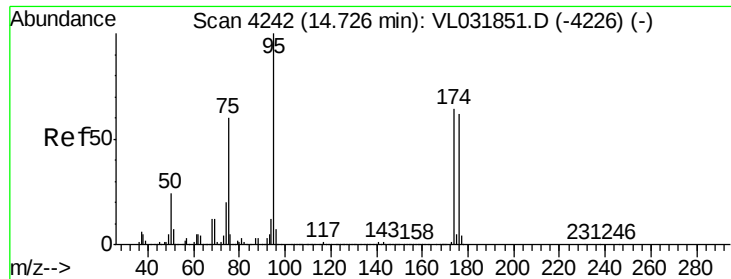
Ion Ratio Lower Upper

117 100

82 69.2 54.6 81.8

119 32.5 26.0 39.0

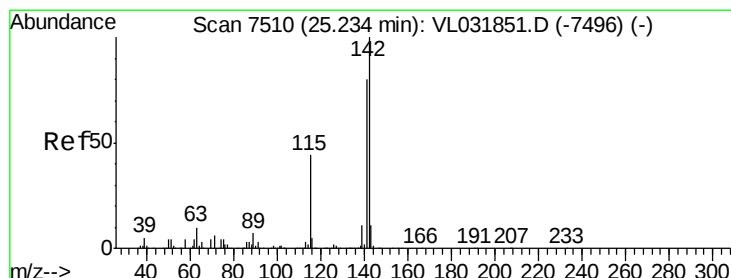
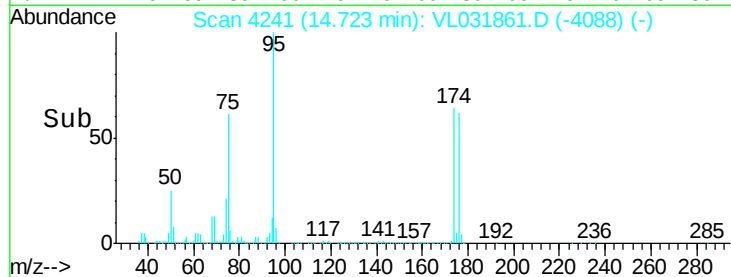
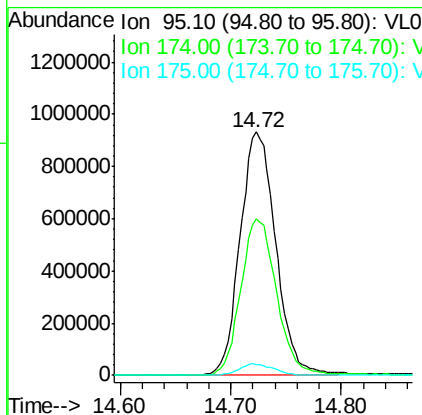
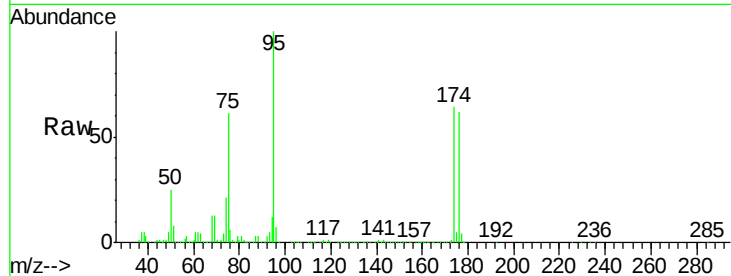




#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.03 ppbv
 RT: 14.72 min Scan# 4241
 Delta R.T. -0.01 min
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Tgt Ion: 95 Resp: 2093625
 Ion Ratio Lower Upper
 95 100
 174 65.4 52.3 78.5
 175 4.7 3.9 5.9



#80
 Naphthalene, 2-methyl-
 Concen: 0.17 ppbv
 RT: 25.24 min Scan# 7511
 Delta R.T. 0.01 min
 Lab File: VL031861.D
 Acq: 12 Apr 2018 10:58

Tgt Ion: 142 Resp: 6177
 Ion Ratio Lower Upper
 142 100
 141 78.9 67.0 100.4
 115 57.9 35.3 52.9#

