

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL122017\
 Data File : VL031267.D
 Acq On : 20 Dec 2017 12:44
 Operator : SY/AP
 Sample : QC121317 CAN 10428
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC121317 CAN 10428

Quant Time: Dec 21 08:33:51 2017
 Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL121317AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Dec 14 04:29:58 2017
 QLast Update : Thu Dec 14 04:29:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.91	49	1836860	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.45	114	4043816	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.41	117	3963206	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.75	95	3234990	11.48	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	114.80%

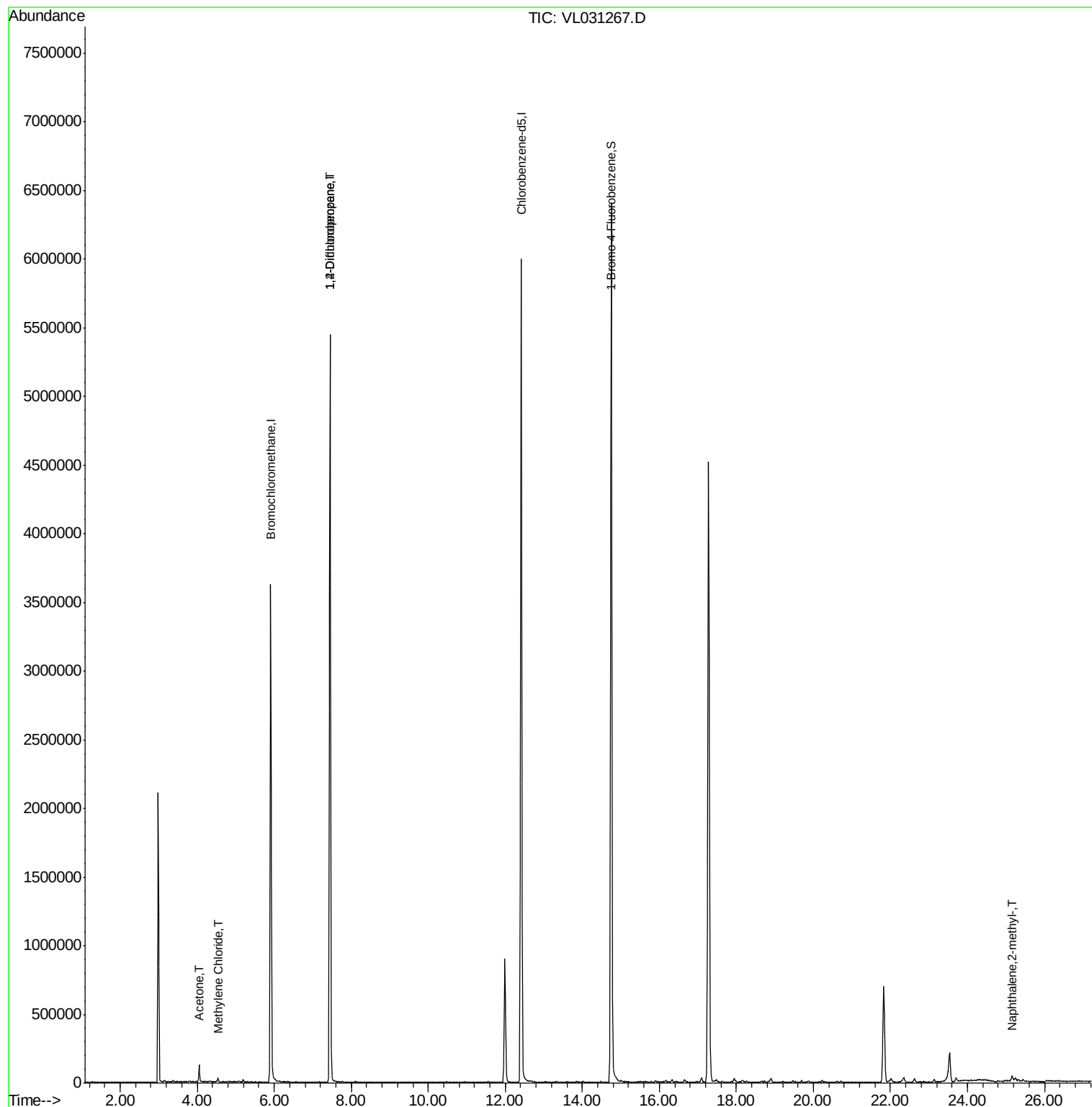
Target Compounds						Qvalue
15) Acetone	4.05	43	44061	0.18	ppbv #	72
20) Methylene Chloride	4.54	84	4442	0.06	ppbv #	65
39) 1,2-Dichloropropane	7.45	63	1019396	6.73	ppbv #	27
80) Naphthalene,2-methyl-	25.16	142	25931	0.16	ppbv	96

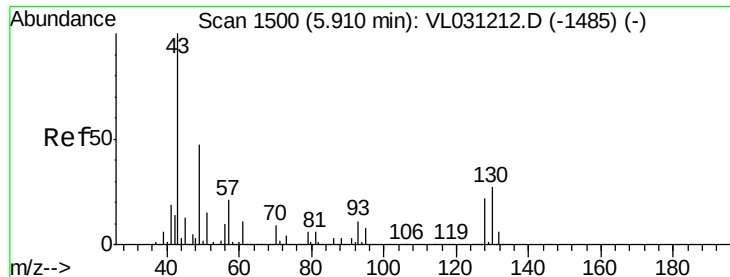
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 14 04:29:58 2017
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.91 min Scan# 1499

Delta R.T. -0.00 min

Lab File: VL031267.D

Acq: 20 Dec 2017 12:44

Instrument :

MSVOA_L

ClientSampleId :

QC121317 CAN 10428

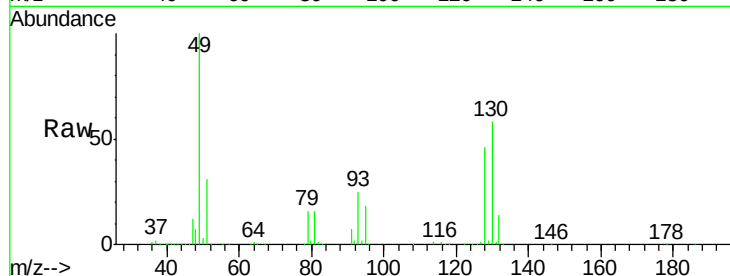
Tgt Ion: 49 Resp: 1836860

Ion Ratio Lower Upper

49 100

128 46.5 23.2 69.5

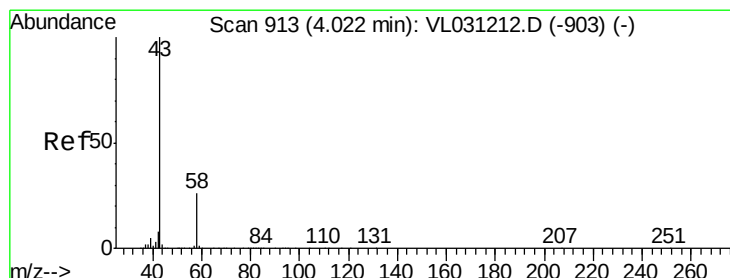
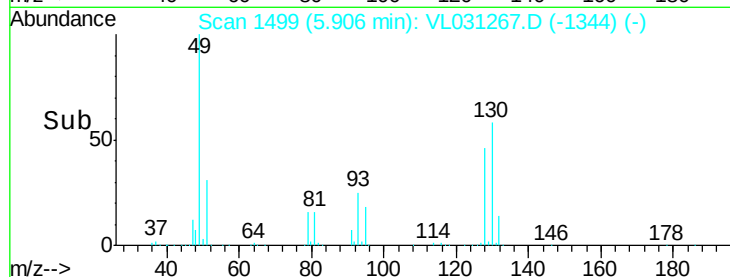
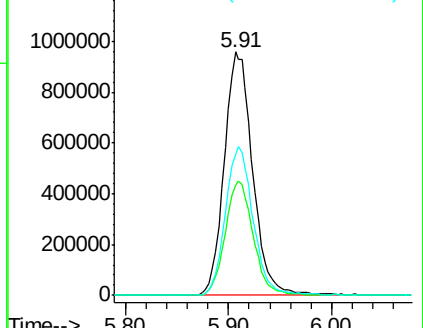
130 60.2 29.6 88.8



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



#15

Acetone

Concen: 0.18 ppbv

RT: 4.05 min Scan# 922

Delta R.T. 0.03 min

Lab File: VL031267.D

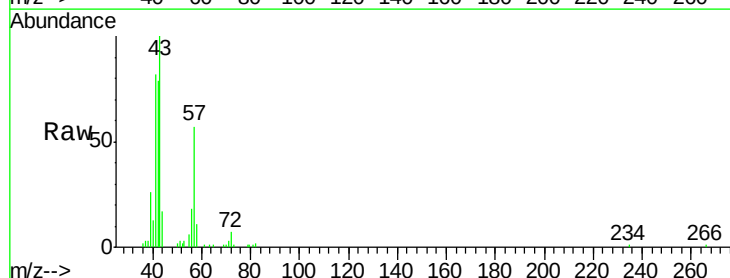
Acq: 20 Dec 2017 12:44

Tgt Ion: 43 Resp: 44061

Ion Ratio Lower Upper

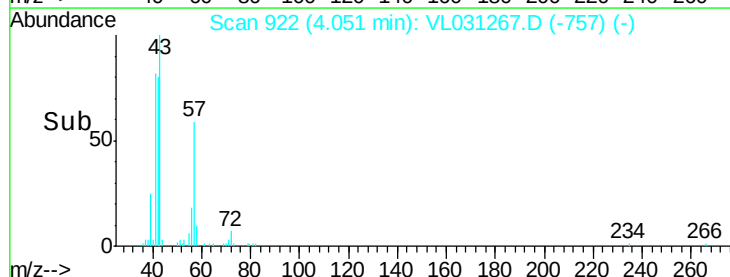
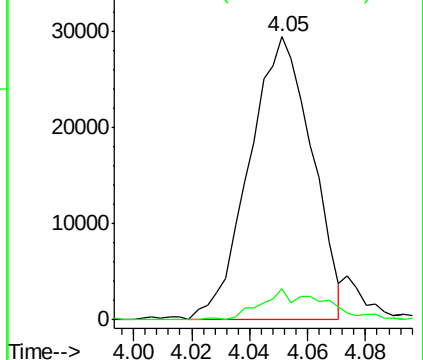
43 100

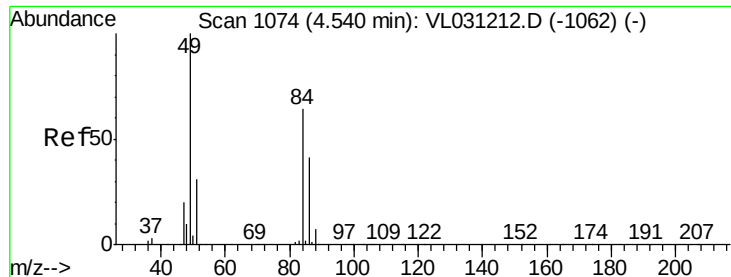
58 11.2 20.3 30.5#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

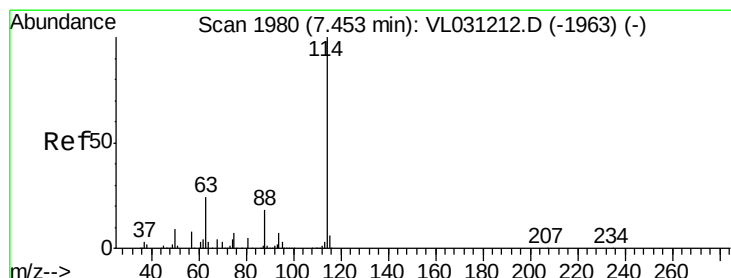
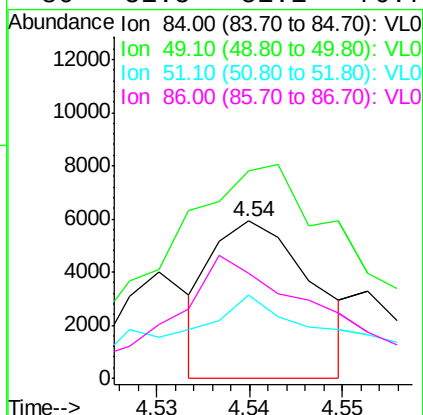
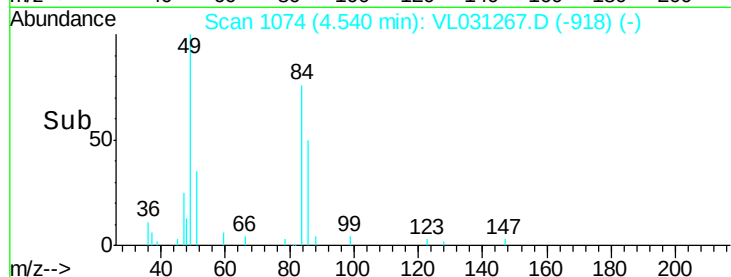
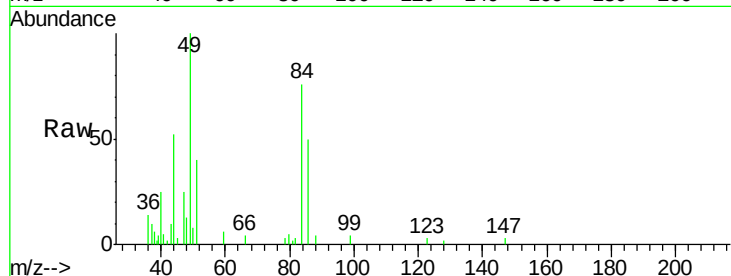




#20
Methylene Chloride
Concen: 0.06 ppbv
RT: 4.54 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VL031267.D
Acq: 20 Dec 2017 12:44

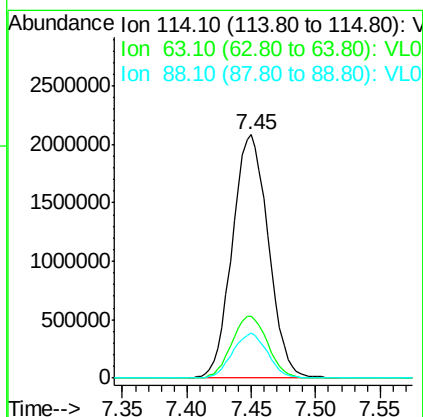
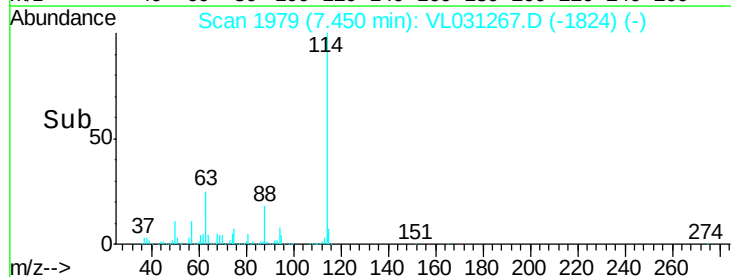
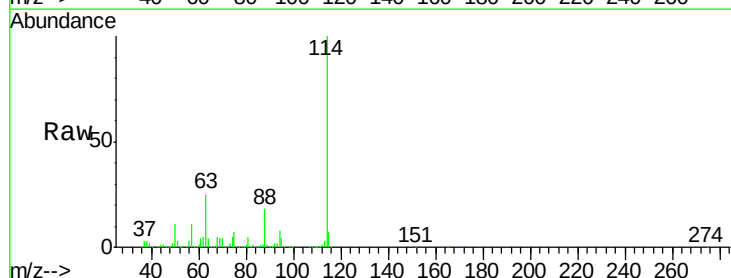
Instrument :
MSVOA_L
ClientSampleId :
QC121317 CAN 10428

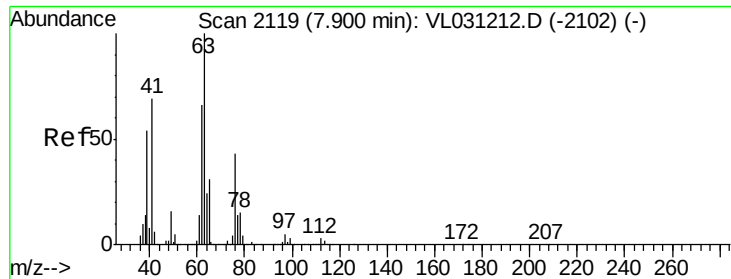
Tgt Ion: 84 Resp: 4442
Ion Ratio Lower Upper
84 100
49 87.4 125.8 188.6#
51 47.3 39.3 58.9
86 51.5 51.1 76.7



#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.45 min Scan# 1979
Delta R.T. -0.00 min
Lab File: VL031267.D
Acq: 20 Dec 2017 12:44

Tgt Ion: 114 Resp: 4043816
Ion Ratio Lower Upper
114 100
63 25.5 19.8 29.8
88 18.1 14.2 21.4





#39

1,2-Dichloropropane

Concen: 6.73 ppbv

RT: 7.45 min Scan# 1979

Delta R.T. -0.45 min

Lab File: VL031267.D

Acq: 20 Dec 2017 12:44

Instrument :

MSVOA_L

ClientSampleId :

QC121317 CAN 10428

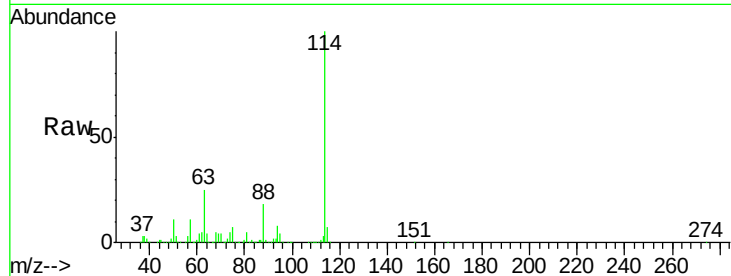
Tgt Ion: 63 Resp: 1019396

Ion Ratio Lower Upper

63 100

41 0.0 55.2 82.8#

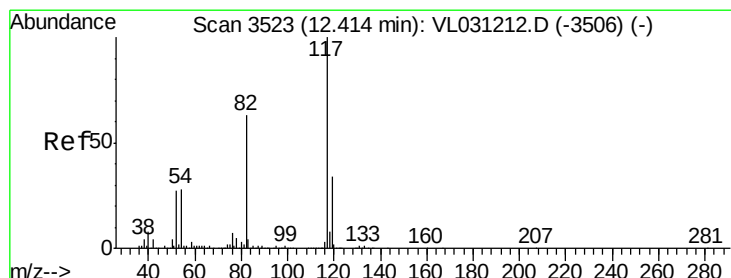
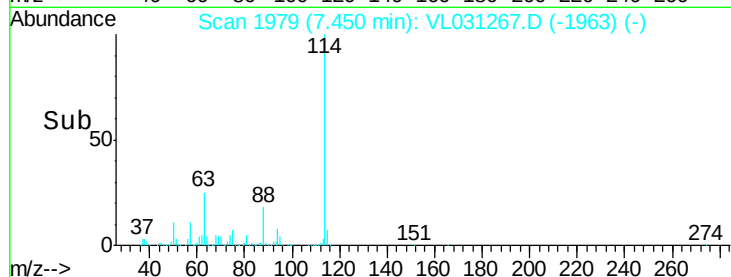
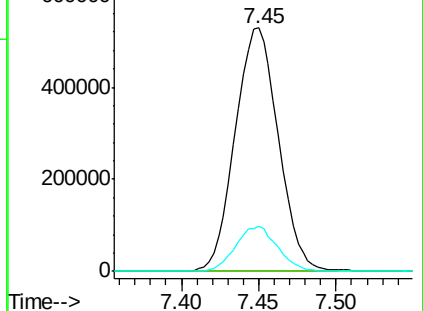
62 18.4 53.0 79.4#



Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0



#55

Chlorobenzene-d5

Concen: 10.00 ppbv

RT: 12.41 min Scan# 3522

Delta R.T. -0.00 min

Lab File: VL031267.D

Acq: 20 Dec 2017 12:44

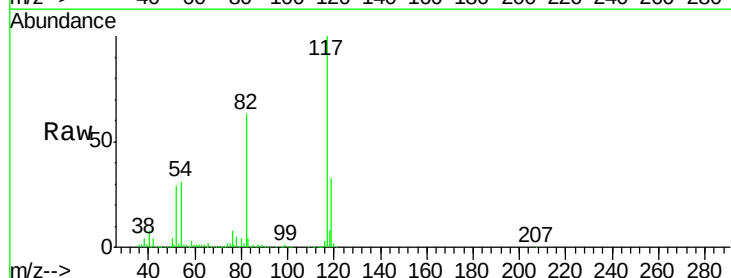
Tgt Ion: 117 Resp: 3963206

Ion Ratio Lower Upper

117 100

82 64.3 48.1 72.1

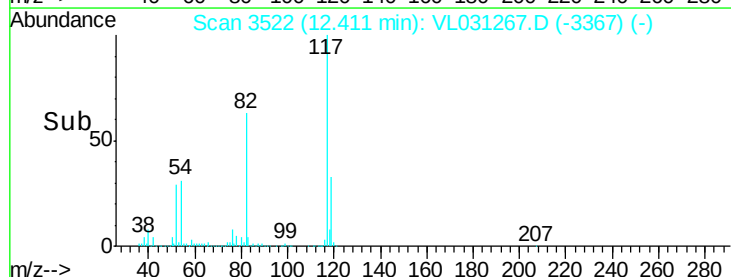
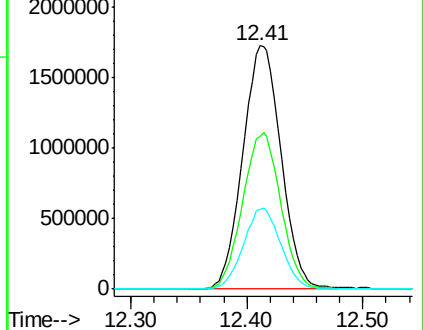
119 32.8 23.1 34.7

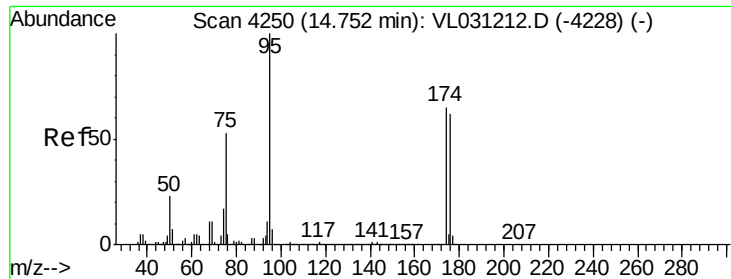


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V

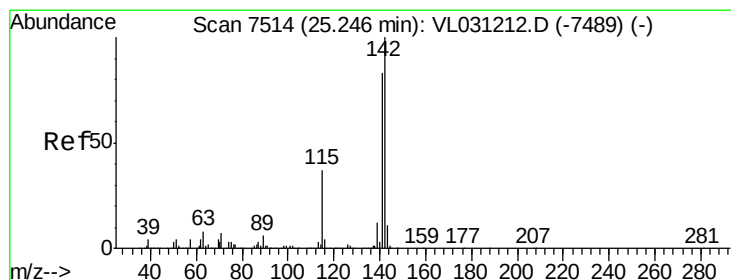
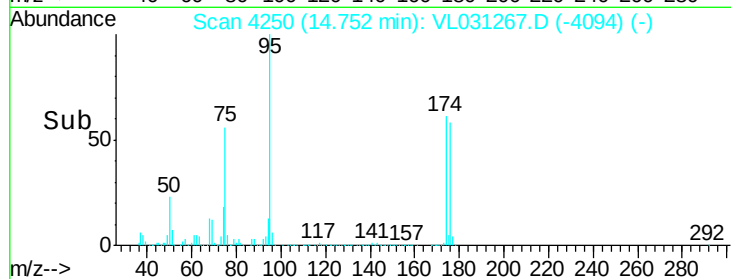
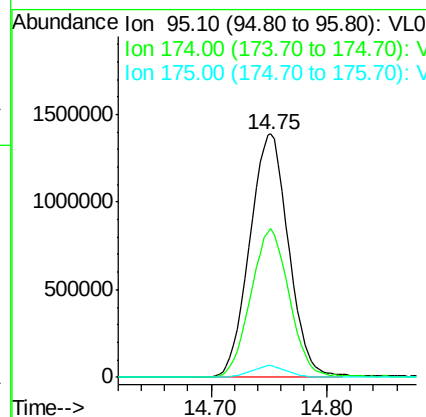
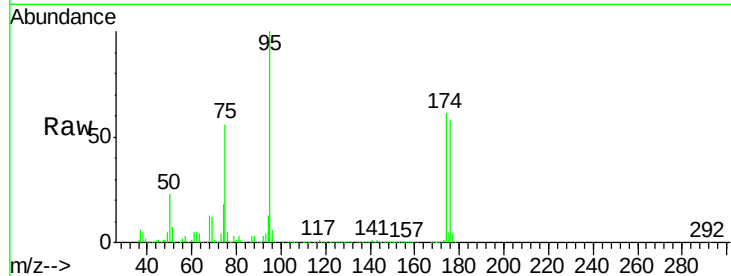




#68
 1-Bromo-4-Fluorobenzene
 Concen: 11.48 ppbv
 RT: 14.75 min Scan# 4250
 Delta R.T. 0.00 min
 Lab File: VL031267.D
 Acq: 20 Dec 2017 12:44

Instrument :
 MSVOA_L
 ClientSampleId :
 QC121317 CAN 10428

Tgt Ion: 95 Resp: 3234990
 Ion Ratio Lower Upper
 95 100
 174 61.4 52.5 78.7
 175 4.6 4.1 6.1



#80
 Naphthalene, 2-methyl-
 Concen: 0.16 ppbv
 RT: 25.16 min Scan# 7487
 Delta R.T. -0.09 min
 Lab File: VL031267.D
 Acq: 20 Dec 2017 12:44

Tgt Ion: 142 Resp: 25931
 Ion Ratio Lower Upper
 142 100
 141 81.4 66.8 100.2
 115 41.7 29.7 44.5

