

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL041918\
 Data File : VL031881.D
 Acq On : 19 Apr 2018 17:15
 Operator : SY/AP
 Sample : VL0419ABL01
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0419ABL01

Quant Time: Apr 20 07:59:21 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	1196148	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.42	114	2701921	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.39	117	2695795	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.72	95	2179136	10.05	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.50%

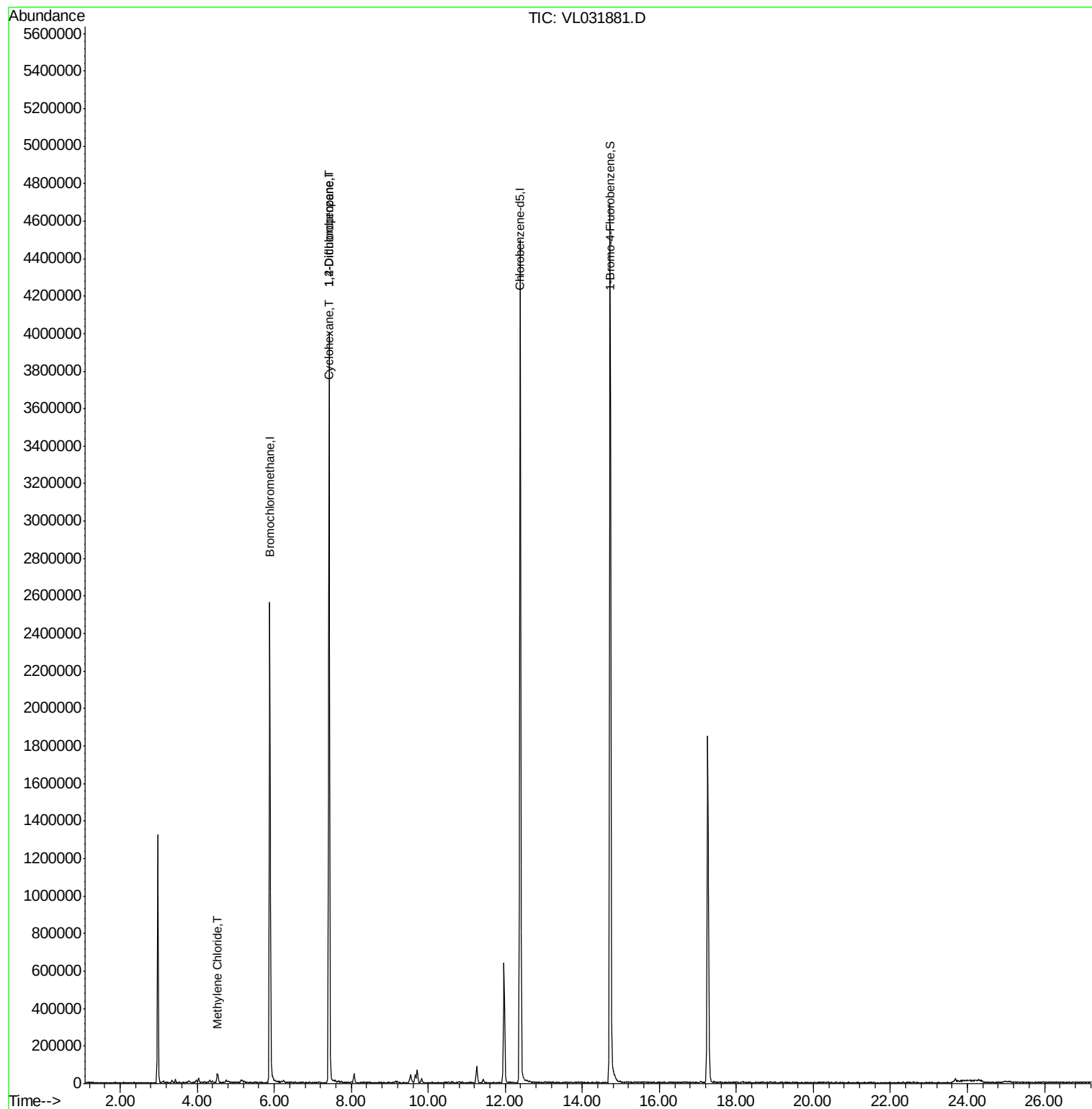
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.52	84	13401	0.20	ppbv #	82
30) Cyclohexane	7.41	84	3201	0.03	ppbv #	1
39) 1,2-Dichloropropane	7.42	63	722453	8.00	ppbv #	22

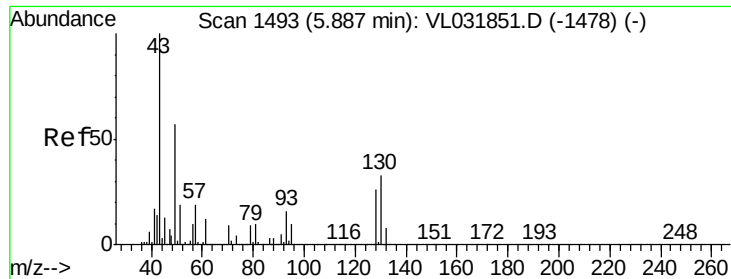
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 13 16:50:02 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.88 min Scan# 1492

Delta R.T. -0.01 min

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Instrument :

MSVOA_L

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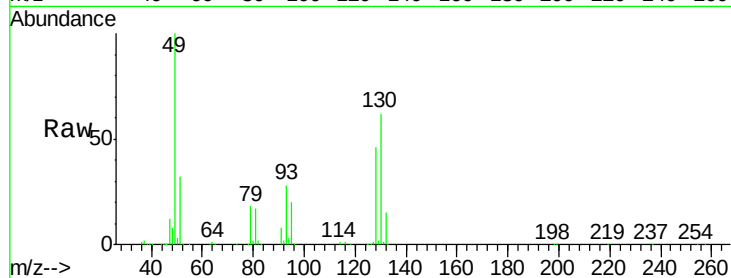
Tgt Ion: 49 Resp: 1196148

Ion Ratio Lower Upper

49 100

128 47.8 23.9 71.7

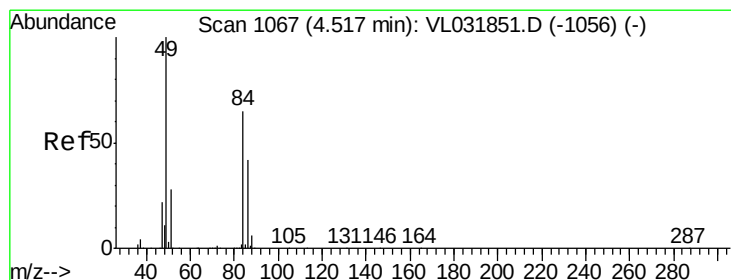
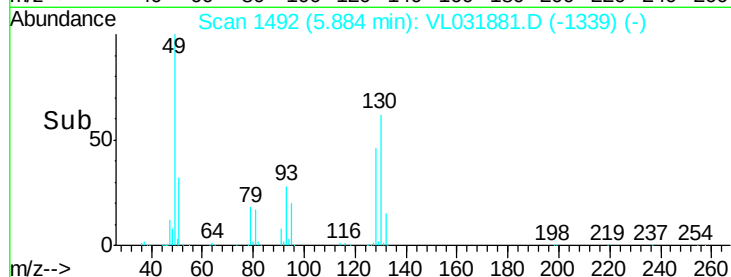
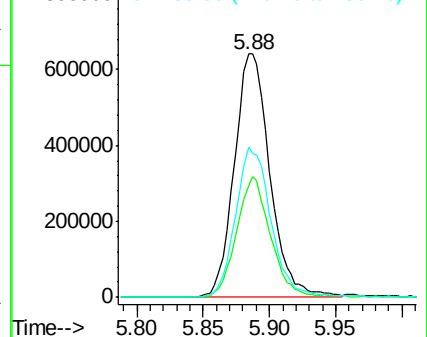
130 62.2 30.9 92.7



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: 0.20 ppbv

RT: 4.52 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VL031881.D

Acq: 19 Apr 2018 17:15

Tgt Ion: 84 Resp: 13401

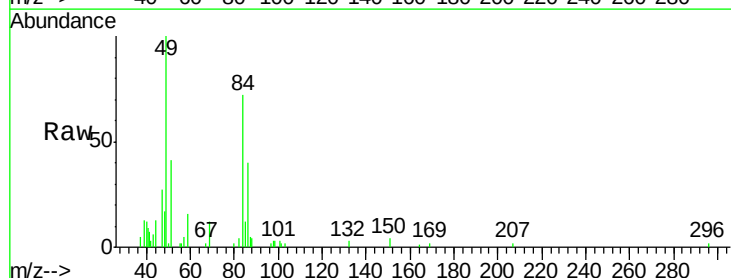
Ion Ratio Lower Upper

84 100

49 134.8 125.6 188.4

51 56.7 36.4 54.6#

86 49.6 53.7 80.5#

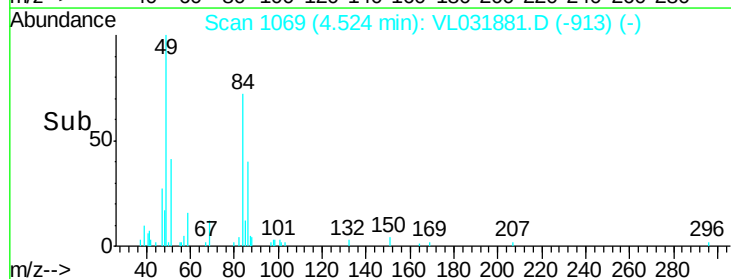
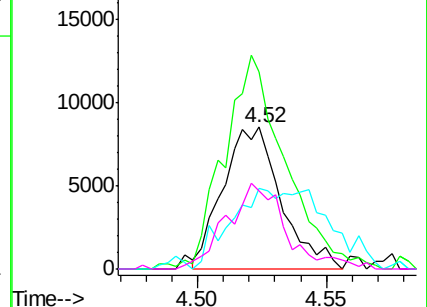


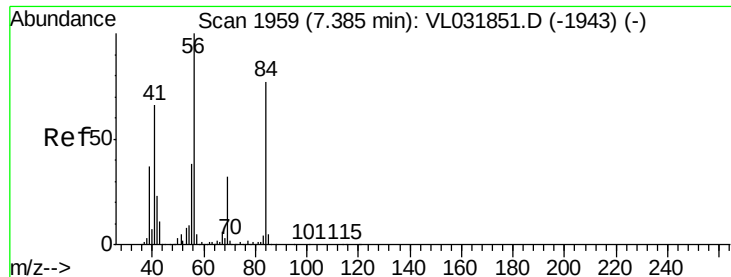
Abundance Ion 84.00 (83.70 to 84.70): VL0

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

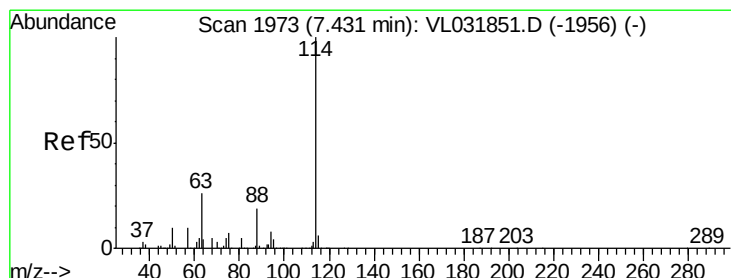
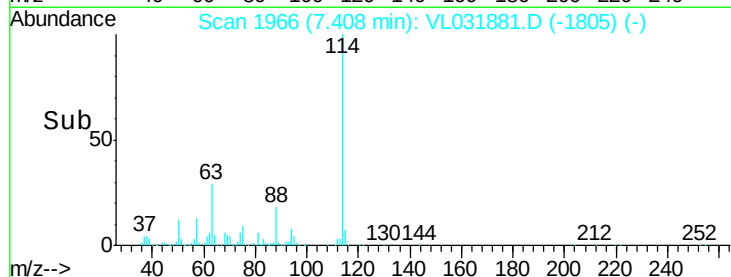
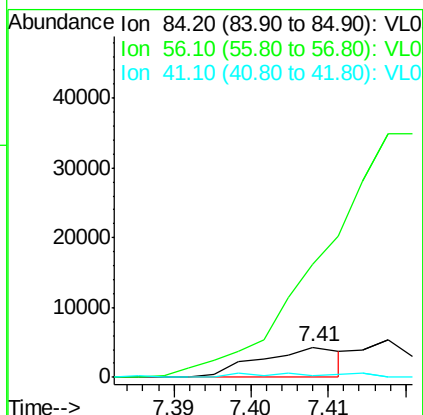
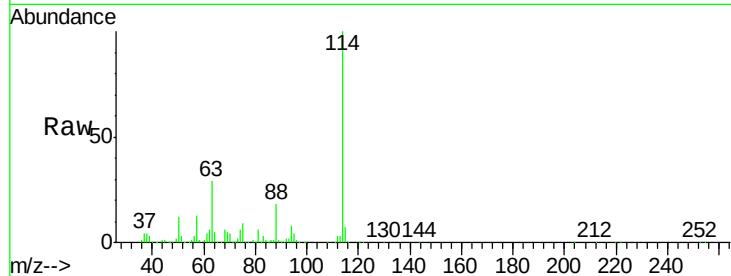




#30
Cyclohexane
Concen: 0.03 ppbv
RT: 7.41 min Scan# 1966
Delta R.T. 0.02 min
Lab File: VL031881.D
Acq: 19 Apr 2018 17:15

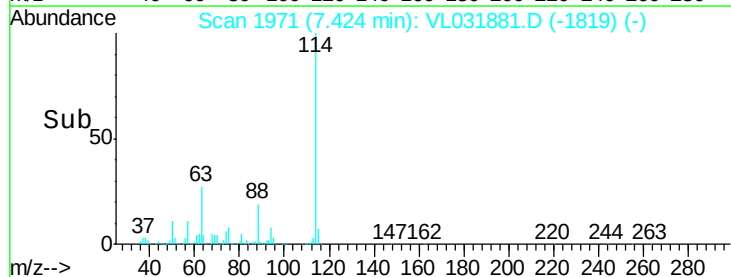
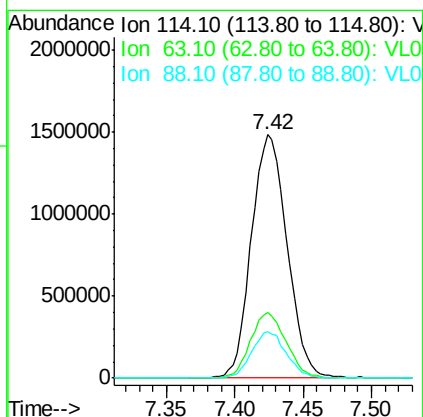
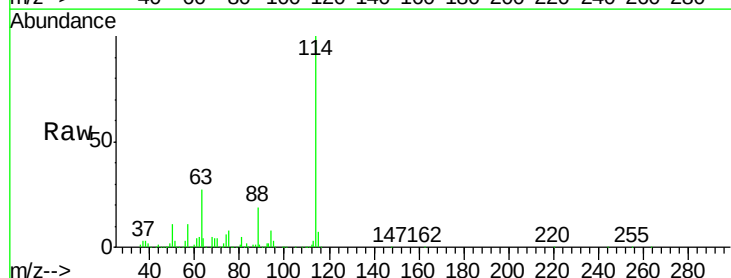
Instrument :
MSVOA_L
ClientSampleId :
VL0419ABL01

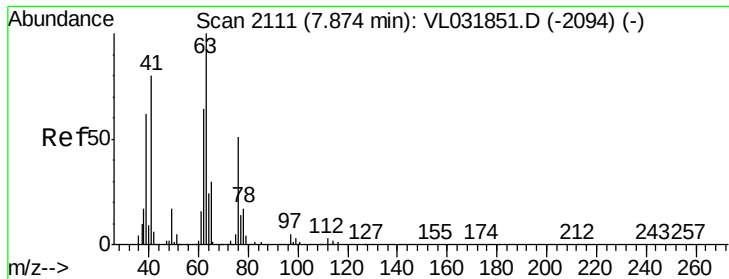
Tgt Ion: 84 Resp: 3201
Ion Ratio Lower Upper
84 100
56 0.0 107.7 161.5#
41 5.4 68.2 102.2#



#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.42 min Scan# 1971
Delta R.T. -0.01 min
Lab File: VL031881.D
Acq: 19 Apr 2018 17:15

Tgt Ion: 114 Resp: 2701921
Ion Ratio Lower Upper
114 100
63 27.0 21.8 32.6
88 18.6 14.6 22.0





#39

1,2-Dichloropropane

Concen: 8.00 ppbv

RT: 7.42 min Scan# 1971

Delta R.T. -0.46 min

Lab File: VL031881.D

Acq: 19 Apr 2018 17:15

Instrument :

MSVOA_L

ClientSampleId :

VL0419ABL01

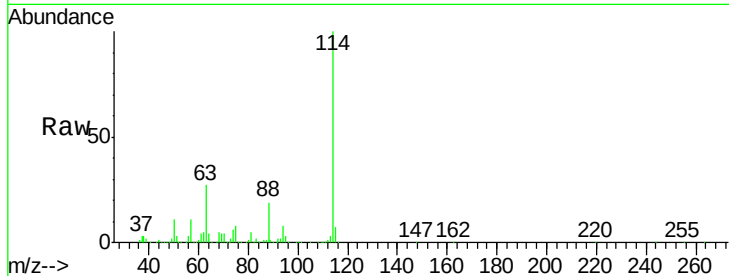
Tgt Ion: 63 Resp: 722453

Ion Ratio Lower Upper

63 100

41 0.0 65.8 98.6#

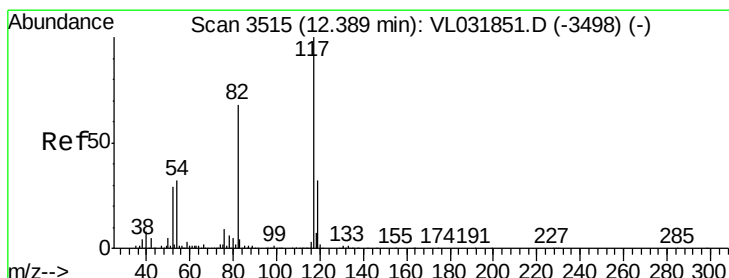
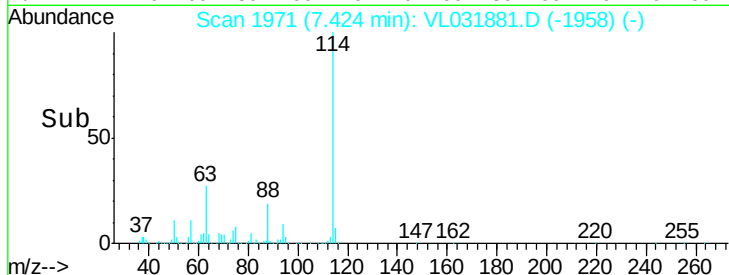
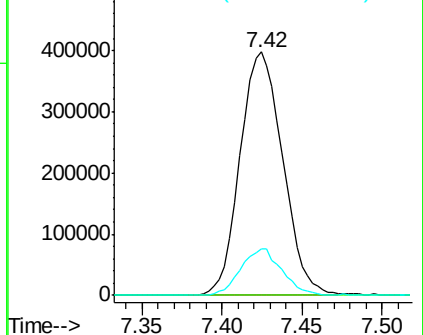
62 18.9 55.0 82.6#



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: 12.39 min Scan# 3514

Delta R.T. -0.01 min

Lab File: VL031881.D

Acq: 19 Apr 2018 17:15

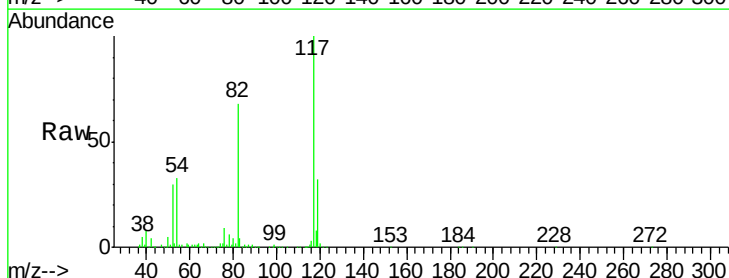
Tgt Ion: 117 Resp: 2695795

Ion Ratio Lower Upper

117 100

82 68.8 54.6 81.8

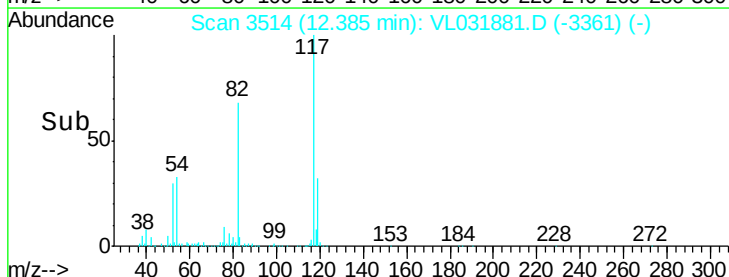
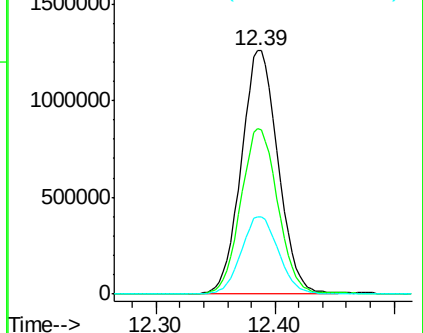
119 32.2 26.0 39.0

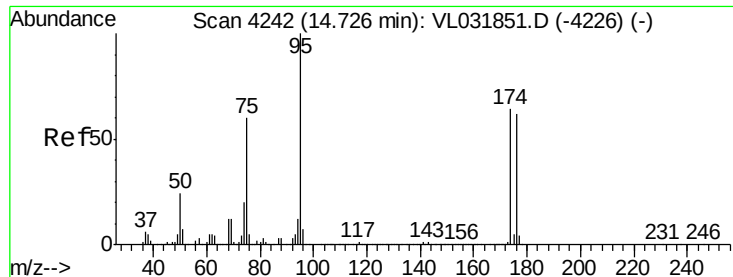


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.05 ppbv

RT: 14.72 min Scan# 4241

Delta R.T. -0.01 min

Lab File: VL031881.D

Acq: 19 Apr 2018 17:15

Instrument :

MSVOA_L

ClientSampleId :

VL0419ABL01

Tgt Ion: 95 Resp: 2179136

Ion Ratio Lower Upper

95 100

174 65.9 52.3 78.5

175 4.6 3.9 5.9

