

Data File : VL031896.D
Acq On : 20 Apr 2018 11:52
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 21 02:15:59 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	1064695	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.42	114	2443108	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.39	117	2479592	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.72	95	1976946	9.92	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.52	84	9691	0.16	ppbv #	73
30) Cyclohexane	7.41	84	6019	0.07	ppbv #	1
39) 1,2-Dichloropropane	7.42	63	652259	7.98	ppbv #	21

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

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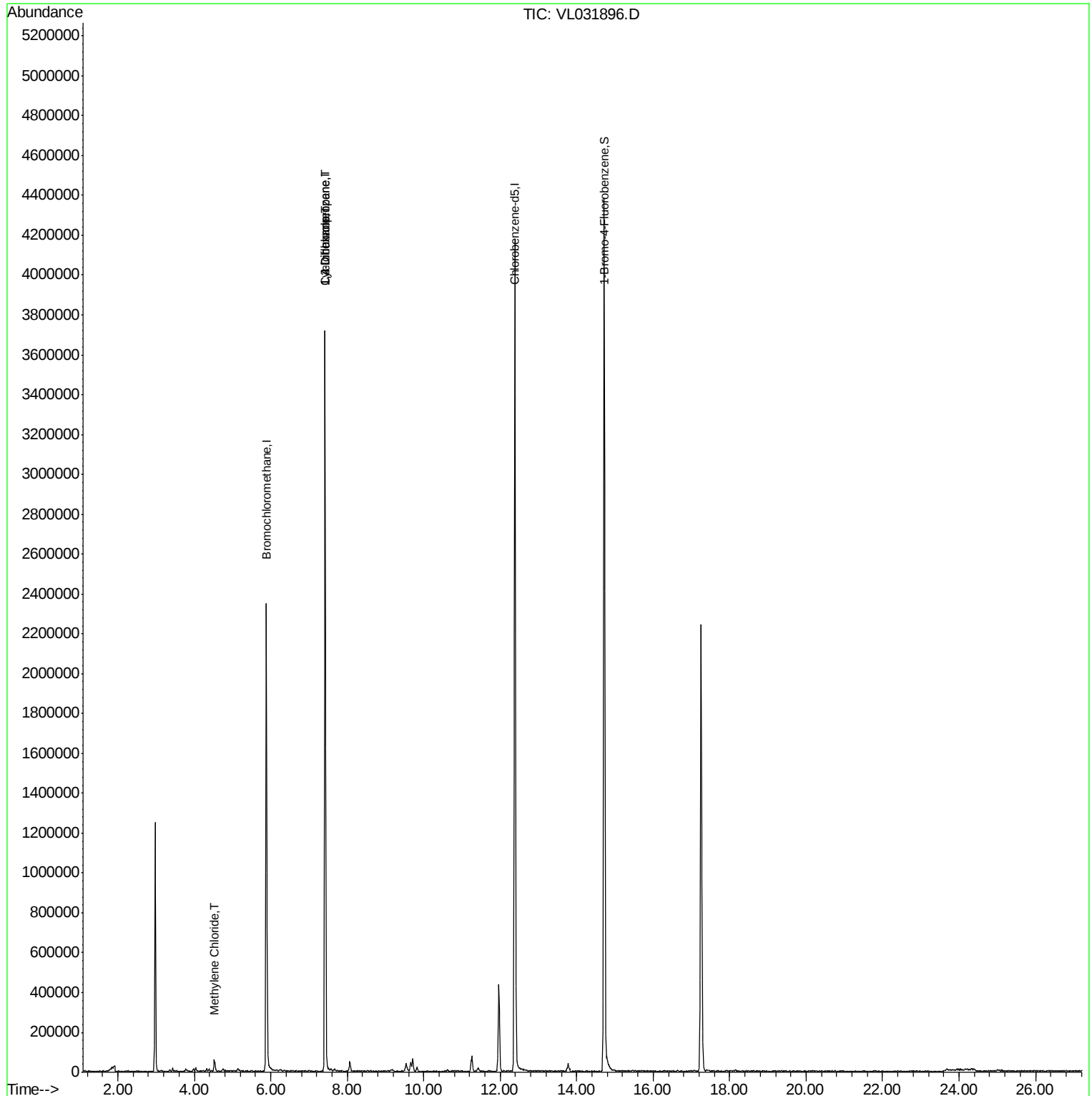
Quant Time: Apr 21 02:15:59 2018

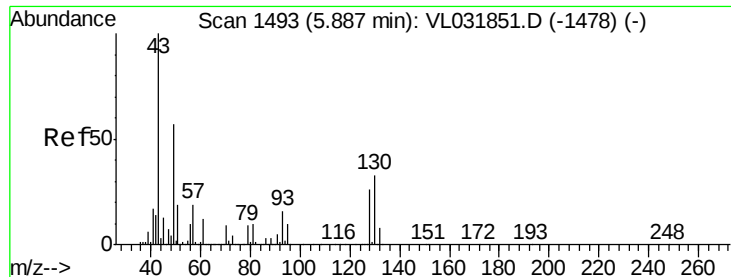
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL041218AIR.M

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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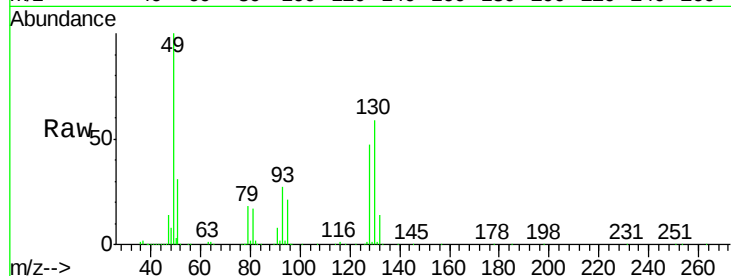
Tgt Ion: 49 Resp: 1064695

Ion Ratio Lower Upper

49 100

128 49.0 23.9 71.7

130 63.0 30.9 92.7

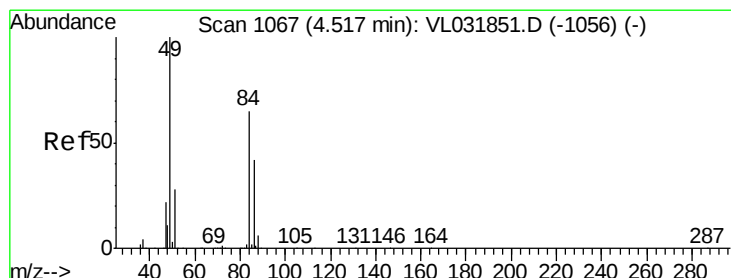
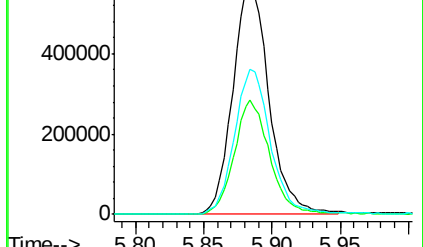
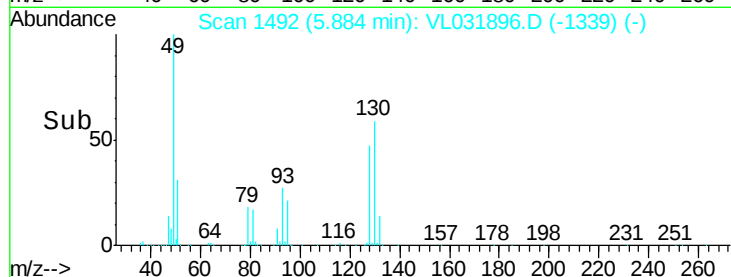


Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

Time-->



#20

Methylene Chloride

Concen: 0.16 ppbv

RT: 4.52 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VL031896.D

Acq: 20 Apr 2018 11:52

Tgt Ion: 84 Resp: 9691

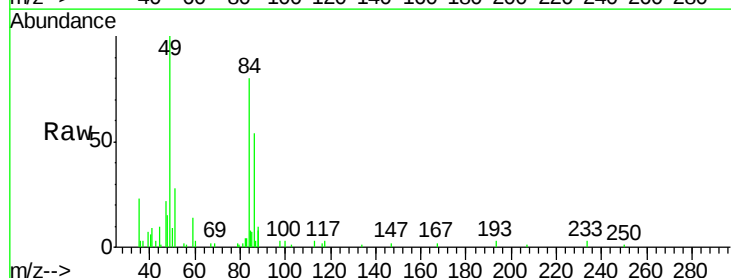
Ion Ratio Lower Upper

84 100

49 116.1 125.6 188.4#

51 19.7 36.4 54.6#

86 61.0 53.7 80.5



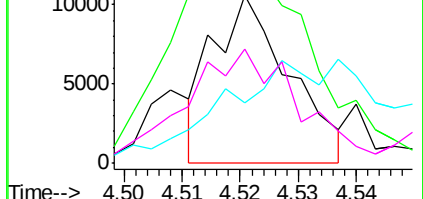
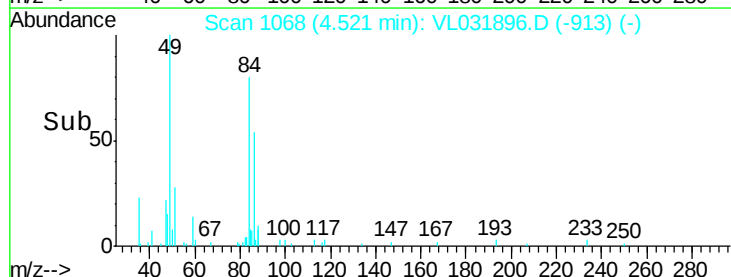
Abundance Ion 84.00 (83.70 to 84.70): VL0

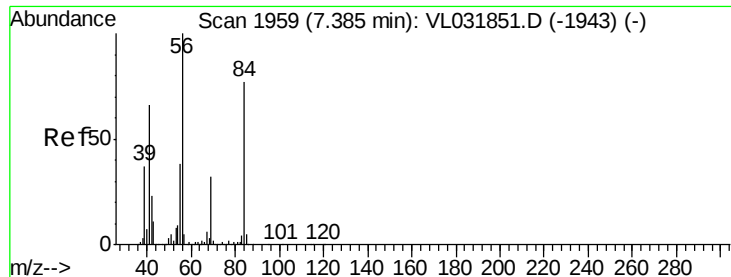
Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

Time-->

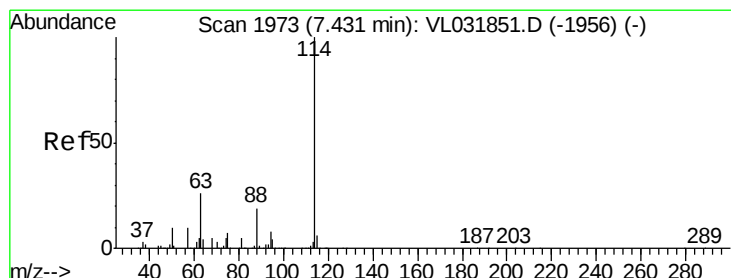
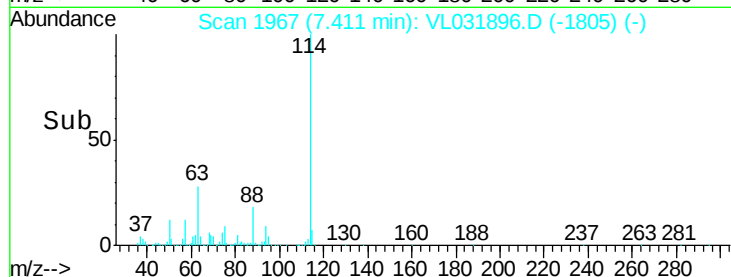
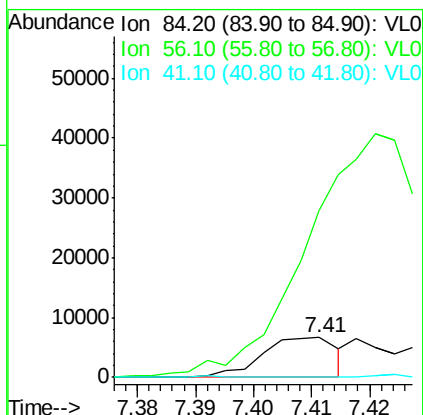
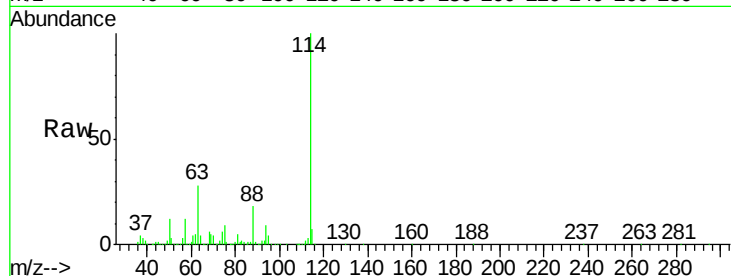




#30
Cyclohexane
Concen: 0.07 ppbv
RT: 7.41 min Scan# 1967
Delta R.T. 0.02 min
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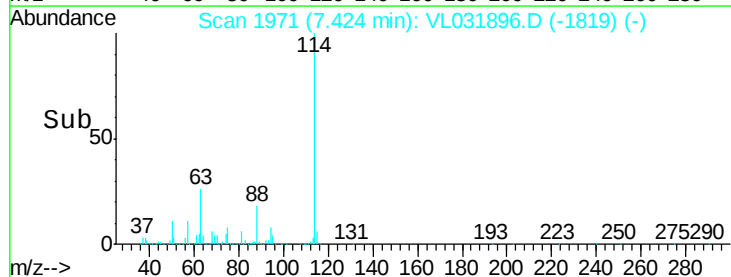
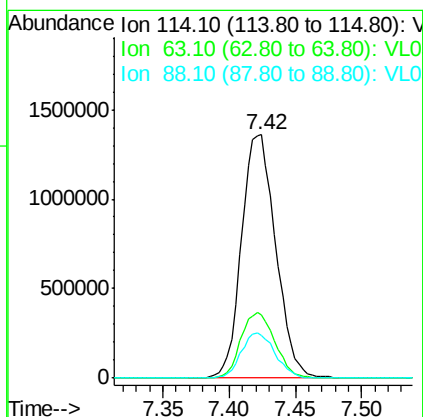
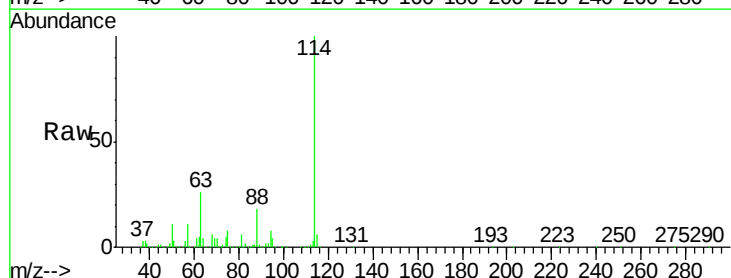
Instrument :
MSVOA_L
ClientSampleId :
QC032918 CAN 10442

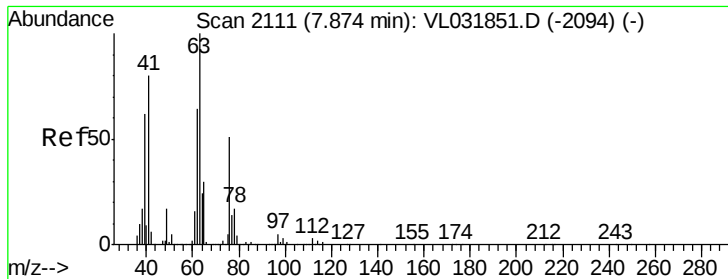
Tgt Ion: 84 Resp: 6019
Ion Ratio Lower Upper
84 100
56 0.0 107.7 161.5#
41 0.6 68.2 102.2#



#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.42 min Scan# 1971
Delta R.T. -0.01 min
Lab File: VL031896.D
Acq: 20 Apr 2018 11:52

Tgt Ion: 114 Resp: 2443108
Ion Ratio Lower Upper
114 100
63 27.0 21.8 32.6
88 18.4 14.6 22.0





#39

1,2-Dichloropropane

Concen: 7.98 ppbv

RT: 7.42 min Scan# 1970

Delta R.T. -0.46 min

Lab File: VL031896.D

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Instrument :

MSVOA_L

ClientSampleId :

QC032918 CAN 10442

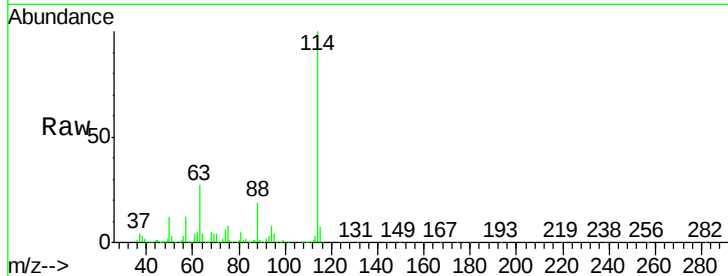
Tgt Ion: 63 Resp: 652259

Ion Ratio Lower Upper

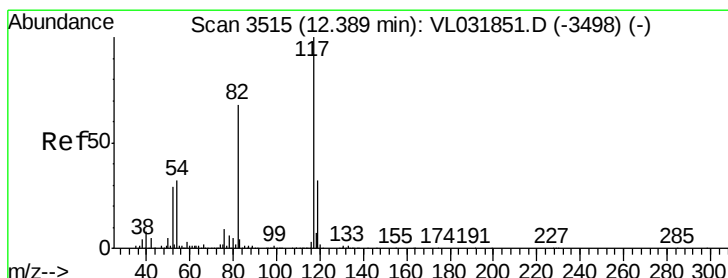
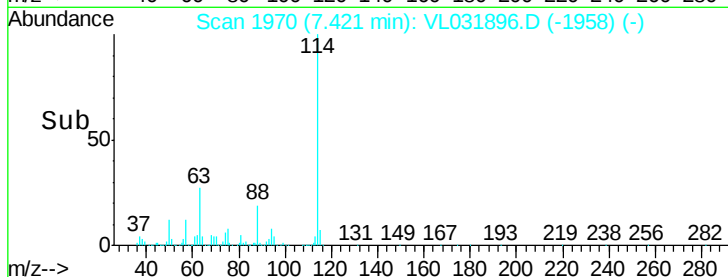
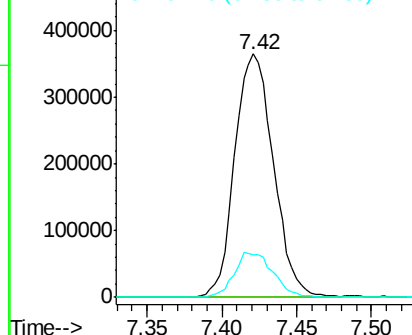
63 100

41 0.1 65.8 98.6#

62 17.5 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: VL031896.D

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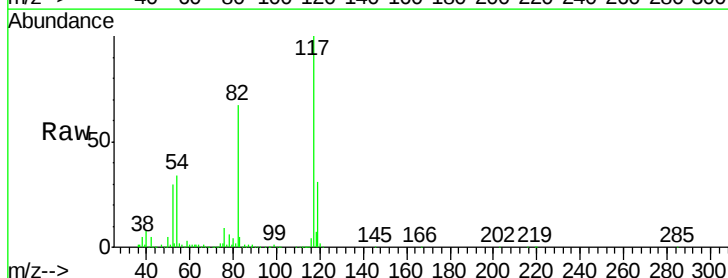
Tgt Ion: 117 Resp: 2479592

Ion Ratio Lower Upper

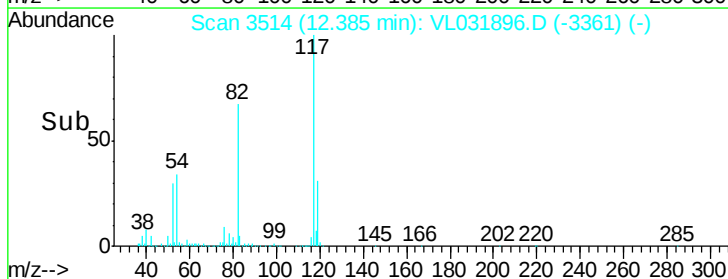
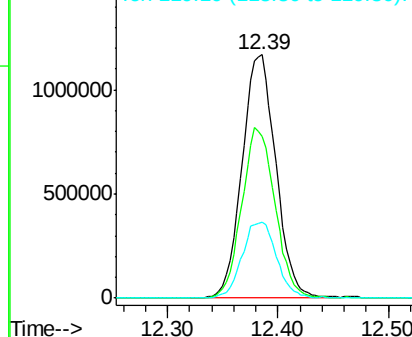
117 100

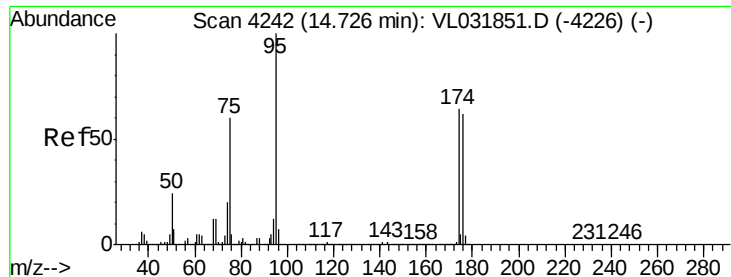
82 69.6 54.6 81.8

119 32.1 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: 9.92 ppbv
 RT: 14.72 min Scan# 4240
 Delta R.T. -0.01 min
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 Acq: 20 Apr 2018 11:52

Instrument :
 MSVOA_L
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 QC032918 CAN 10442

Tgt Ion: 95 Resp: 1976946
 Ion Ratio Lower Upper
 95 100
 174 64.7 52.3 78.5
 175 4.8 3.9 5.9

