

Data File : VL031898.D
Acq On : 20 Apr 2018 13:13
Operator : SY/AP
Sample : QC040618 CAN 10595
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC040618 CAN 10595

Quant Time: Apr 21 02:16:18 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	5.89	49	1048407	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.42	114	2416047	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.39	117	2330554	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.72	95	1920197	10.25	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.50%

Target Compounds						Qvalue
13) Ethanol	3.77	45	950	0.07	ppbv #	51
20) Methylene Chloride	4.52	84	160838	2.74	ppbv	88
26) Hexane	5.90	57	4689	0.04	ppbv #	36
30) Cyclohexane	7.41	84	6986	0.08	ppbv #	1
39) 1,2-Dichloropropane	7.42	63	658099	8.15	ppbv #	21

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

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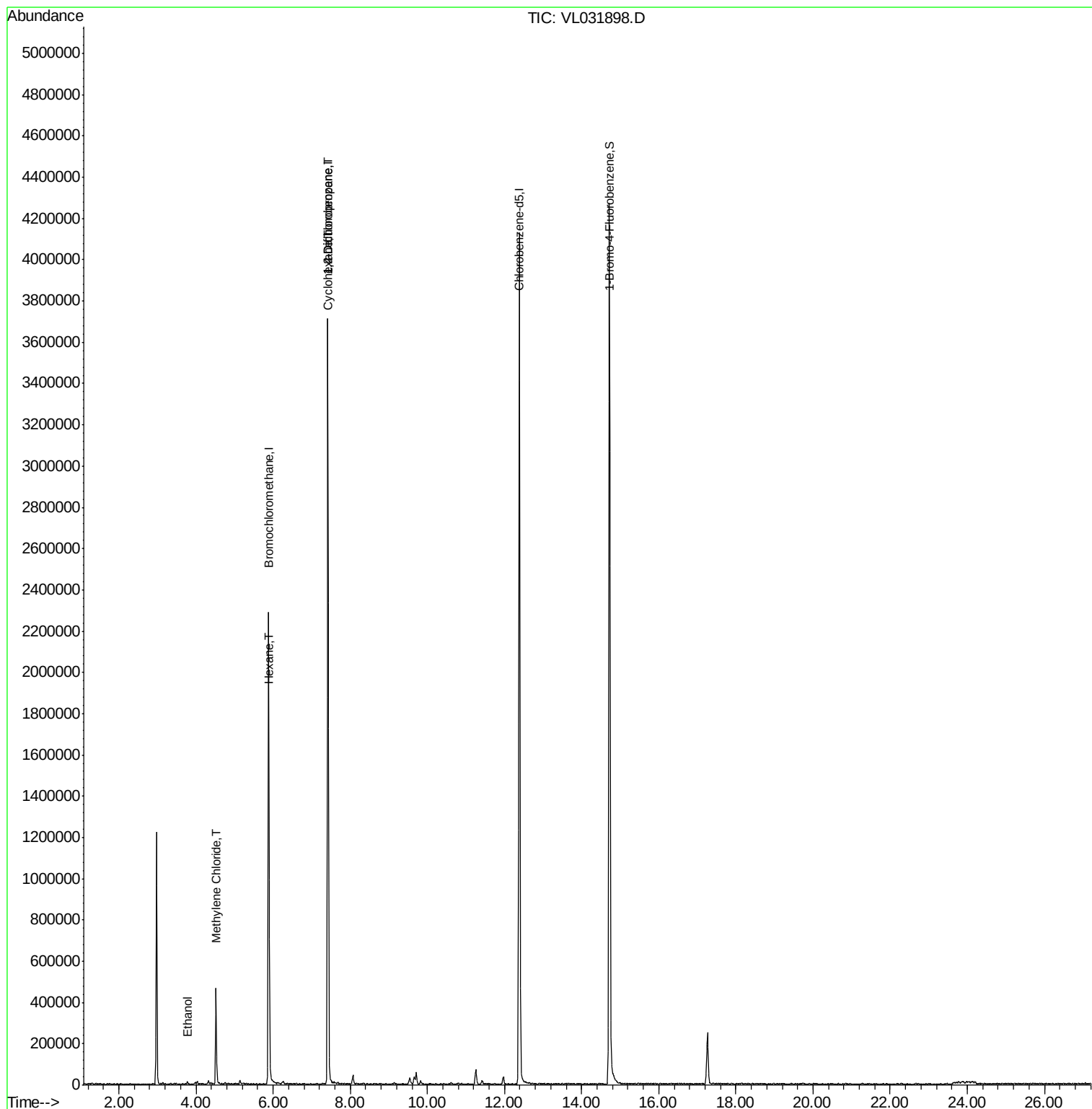
Quant Time: Apr 21 02:16:18 2018

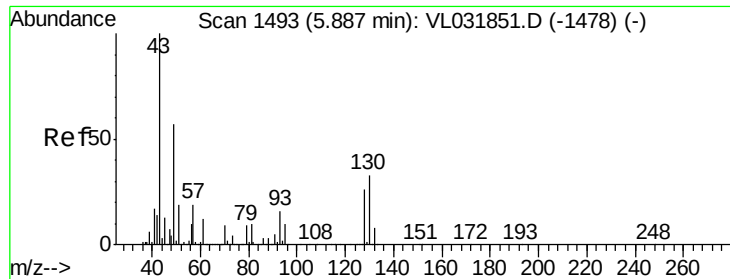
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL041218AIR.M

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





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.89 min Scan# 1493

Delta R.T. -0.00 min

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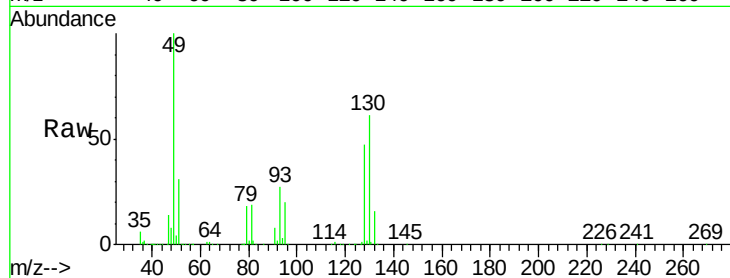
Tgt Ion: 49 Resp: 1048407

Ion Ratio Lower Upper

49 100

128 48.4 23.9 71.7

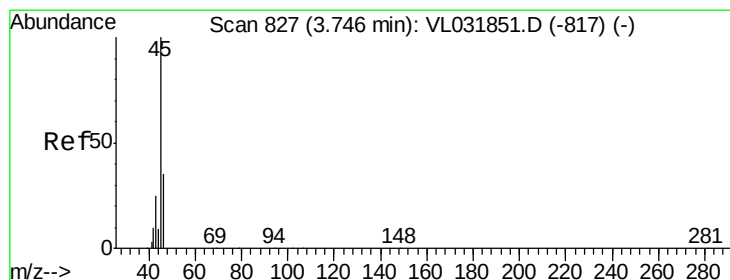
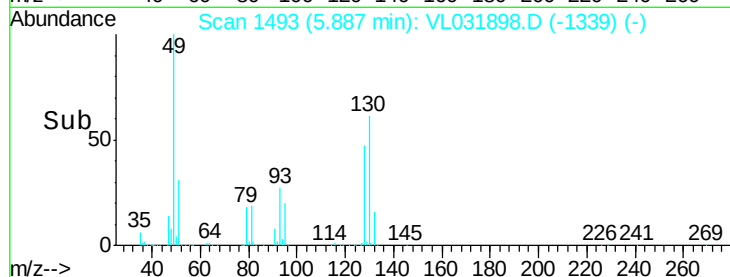
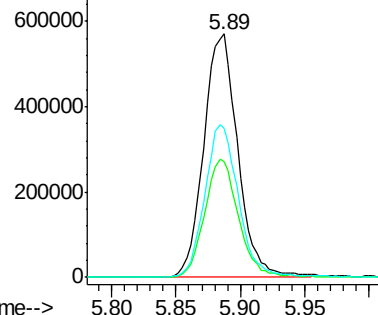
130 62.3 30.9 92.7



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



#13

Ethanol

Concen: 0.07 ppbv

RT: 3.77 min Scan# 833

Delta R.T. 0.01 min

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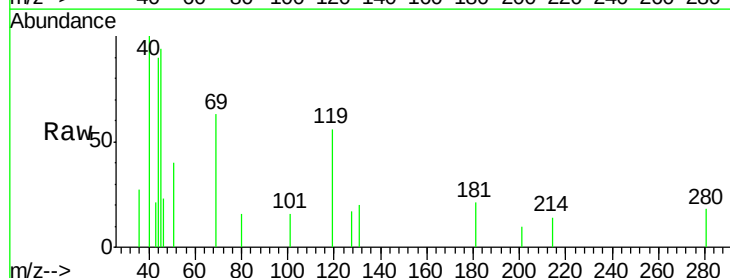
Acq: 20 Apr 2018 13:13

Tgt Ion: 45 Resp: 950

Ion Ratio Lower Upper

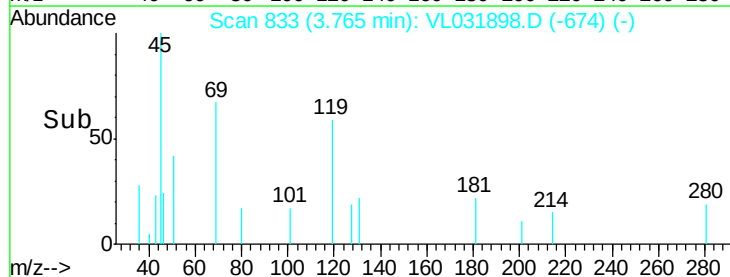
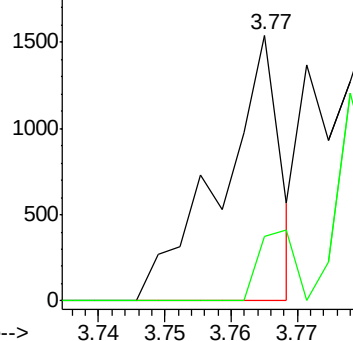
45 100

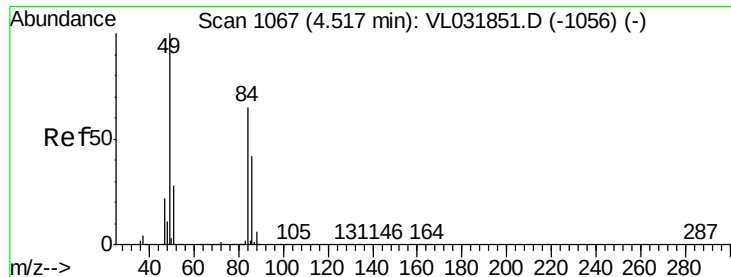
46 7.5 14.6 58.6#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0

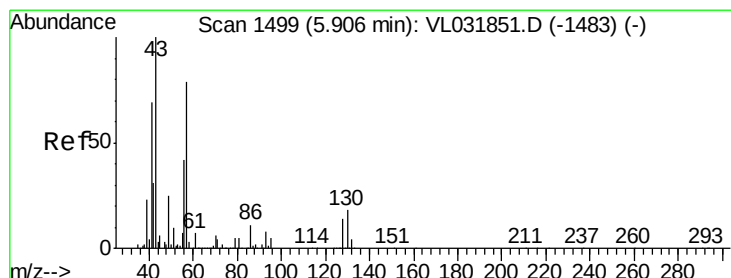
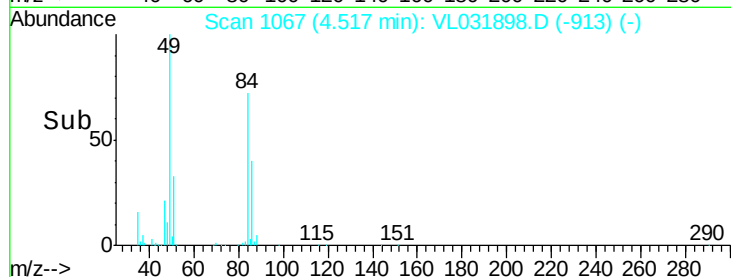
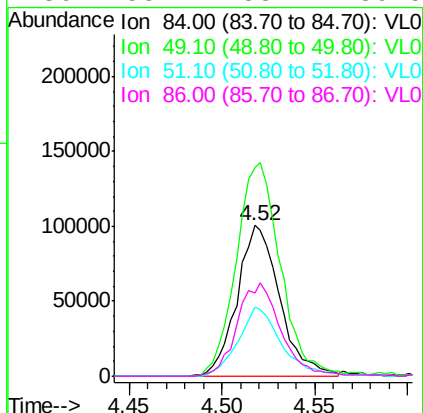
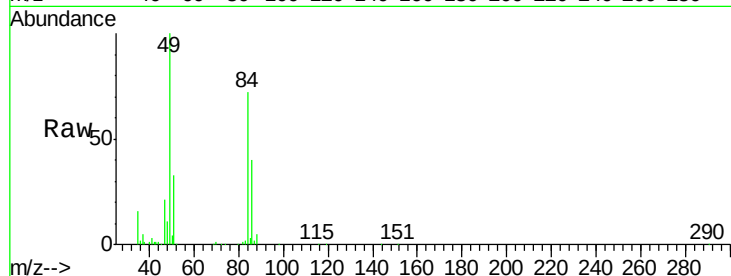




#20
Methylene Chloride
Concen: 2.74 ppbv
RT: 4.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VL031898.D
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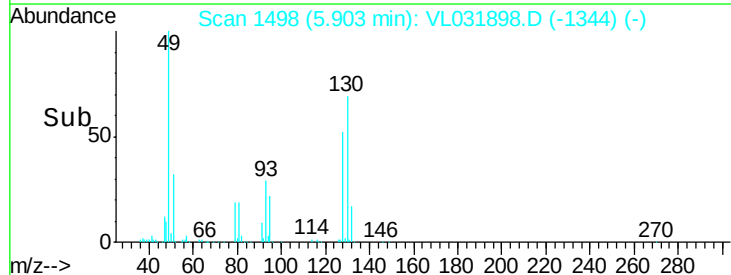
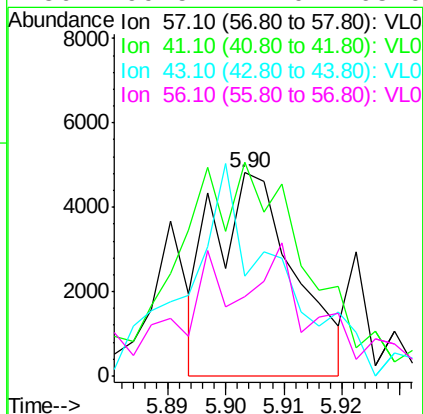
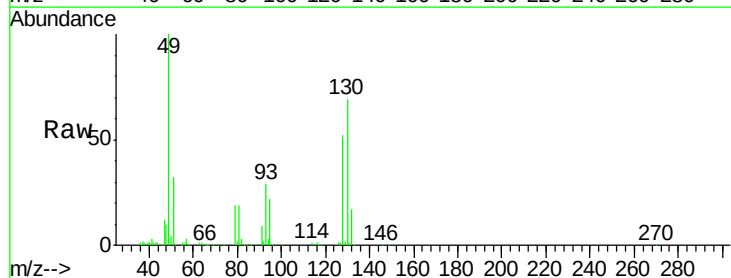
Instrument :
MSVOA_L
ClientSampleId :
QC040618 CAN 10595

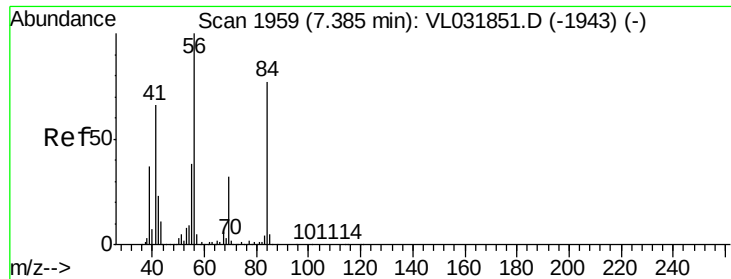
Tgt Ion:	84	Resp:	160838
Ion	Ratio	Lower	Upper
84	100		
49	138.9	125.6	188.4
51	45.9	36.4	54.6
86	55.2	53.7	80.5



#26
Hexane
Concen: 0.04 ppbv
RT: 5.90 min Scan# 1498
Delta R.T. -0.00 min
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Tgt Ion:	57	Resp:	4689
Ion	Ratio	Lower	Upper
57	100		
41	172.9	72.0	108.0#
43	127.7	169.8	254.8#
56	99.5	42.0	63.0#





#30

Cyclohexane

Concen: 0.08 ppbv

RT: 7.41 min Scan# 1966

Delta R.T. 0.02 min

Lab File: VL031898.D

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Instrument :

MSVOA_L

ClientSampleId :

QC040618 CAN 10595

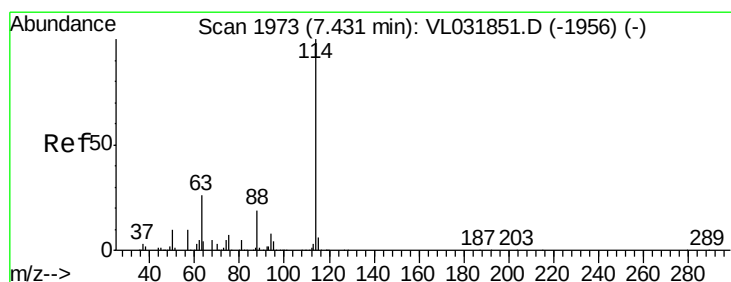
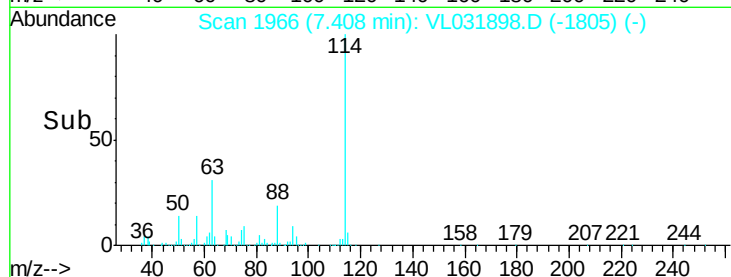
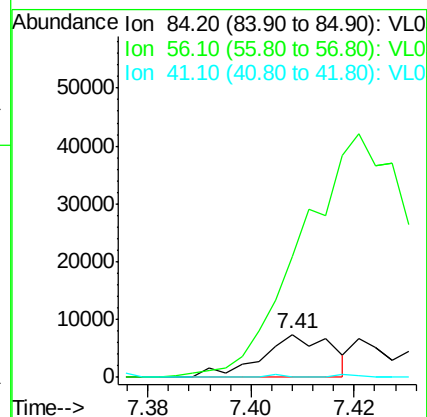
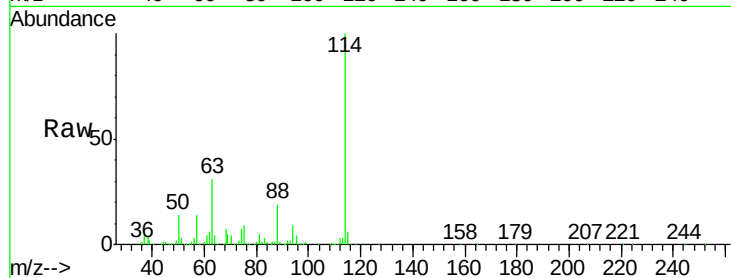
Tgt Ion: 84 Resp: 6986

Ion Ratio Lower Upper

84 100

56 0.0 107.7 161.5#

41 3.3 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: VL031898.D

Acq: 20 Apr 2018 13:13

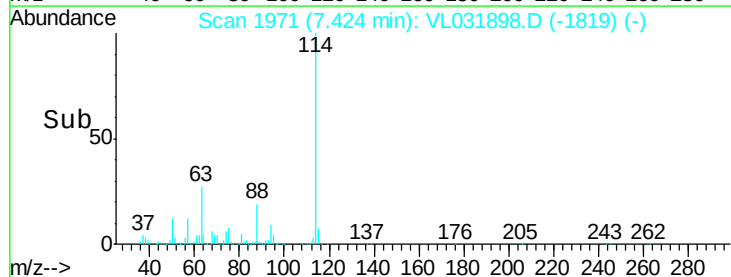
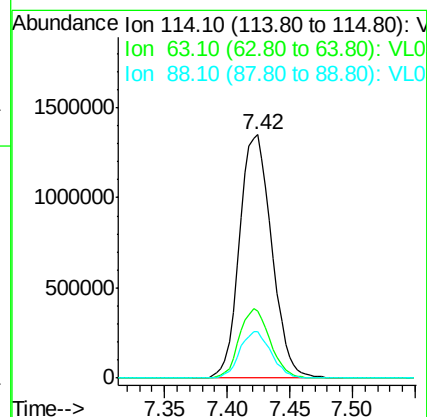
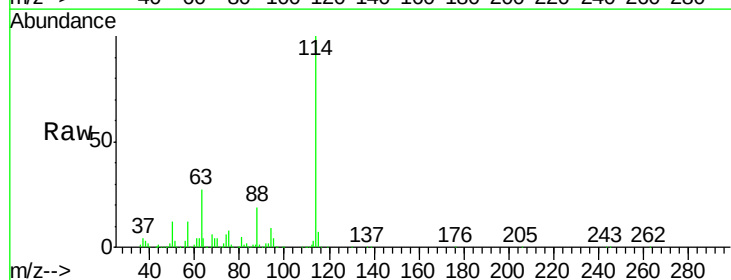
Tgt Ion: 114 Resp: 2416047

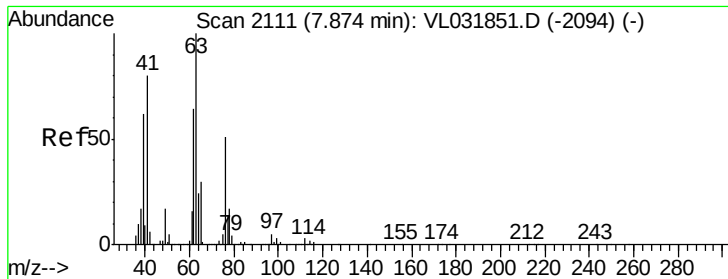
Ion Ratio Lower Upper

114 100

63 27.5 21.8 32.6

88 18.6 14.6 22.0





#39

1,2-Dichloropropane

Concen: 8.15 ppbv

RT: 7.42 min Scan# 1970

Delta R.T. -0.46 min

Lab File: VL031898.D

Acq: 20 Apr 2018 13:13

Instrument :

MSVOA_L

ClientSampleId :

QC040618 CAN 10595

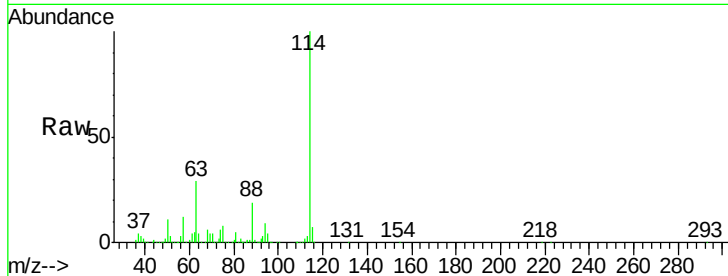
Tgt Ion: 63 Resp: 658099

Ion Ratio Lower Upper

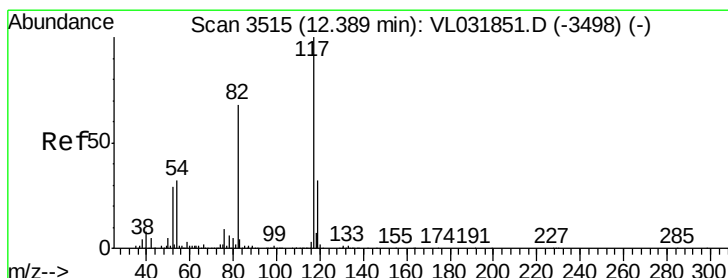
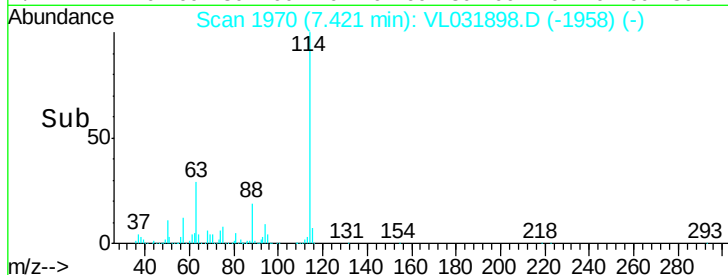
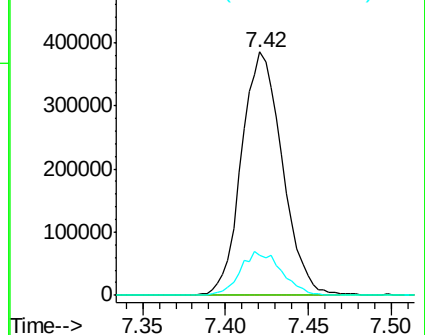
63 100

41 0.1 65.8 98.6#

62 16.6 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: VL031898.D

Acq: 20 Apr 2018 13:13

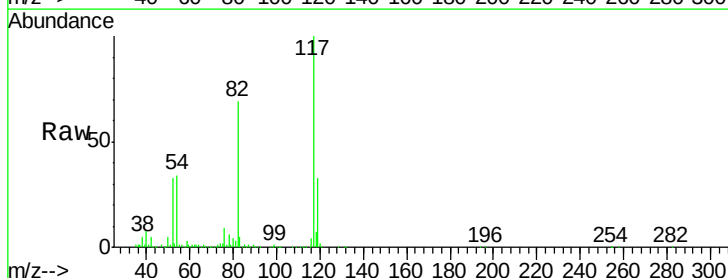
Tgt Ion: 117 Resp: 2330554

Ion Ratio Lower Upper

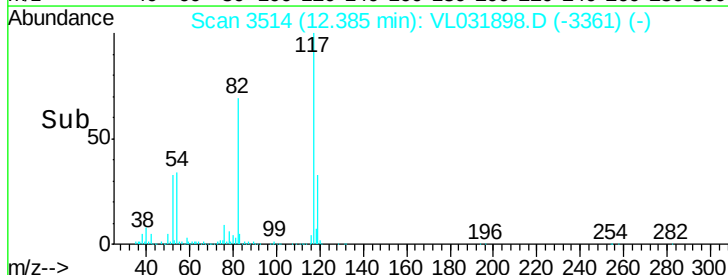
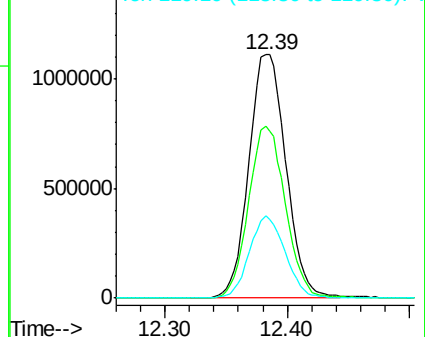
117 100

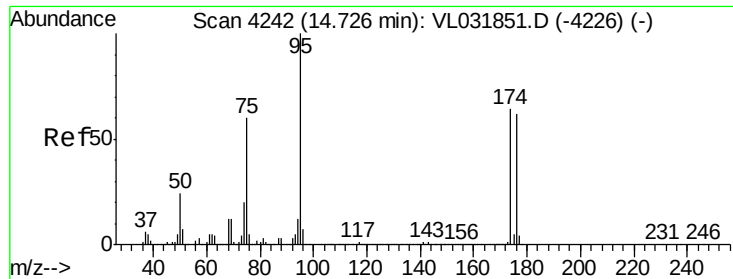
82 70.3 54.6 81.8

119 32.6 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: 10.25 ppbv

RT: 14.72 min Scan# 4240

Delta R.T. -0.01 min

Lab File: VL031898.D

Acq: 20 Apr 2018 13:13

Instrument :

MSVOA_L

ClientSampleId :

QC040618 CAN 10595

Tgt Ion: 95 Resp: 1920197

Ion Ratio Lower Upper

95 100

174 64.4 52.3 78.5

175 4.4 3.9 5.9

