

Data File : VL031897.D
Acq On : 20 Apr 2018 12:32
Operator : SY/AP
Sample : QC040218 CAN 10280
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC040218 CAN 10280

Quant Time: Apr 21 02:16:08 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL041218AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri 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	1087008	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.42	114	2510916	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.38	117	2453908	10.00	ppbv	0.00

System Monitoring Compounds
68) 1-Bromo-4-Fluorobenzene 14.72 95 1988575 10.08 ppbv 0.00
Spiked Amount 10.000 Range 65 - 135 Recovery = 100.80%

Target Compounds						Qvalue
13) Ethanol	3.77	45	994	0.07	ppbv #	1
15) Acetone	4.02	43	27649	0.17	ppbv #	86
20) Methylene Chloride	4.52	84	69488	1.14	ppbv #	82
26) Hexane	5.90	57	10837	0.09	ppbv #	1
30) Cyclohexane	7.41	84	7196	0.08	ppbv #	1
39) 1,2-Dichloropropane	7.42	63	685764	8.17	ppbv #	21
-----	-----	-----	-----	-----	-----	-----

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

Data File : VL031897.D

Acq On : 20 Apr 2018 12:32

Operator : SY/AP

Sample : QC040218 CAN 10280

Misc : 400ml/MSVOA_L

ALS Vial : 1 Sample Multiplier: 1

Instrument :

MSVOA_L

ClientSampleId :

QC040218 CAN 10280

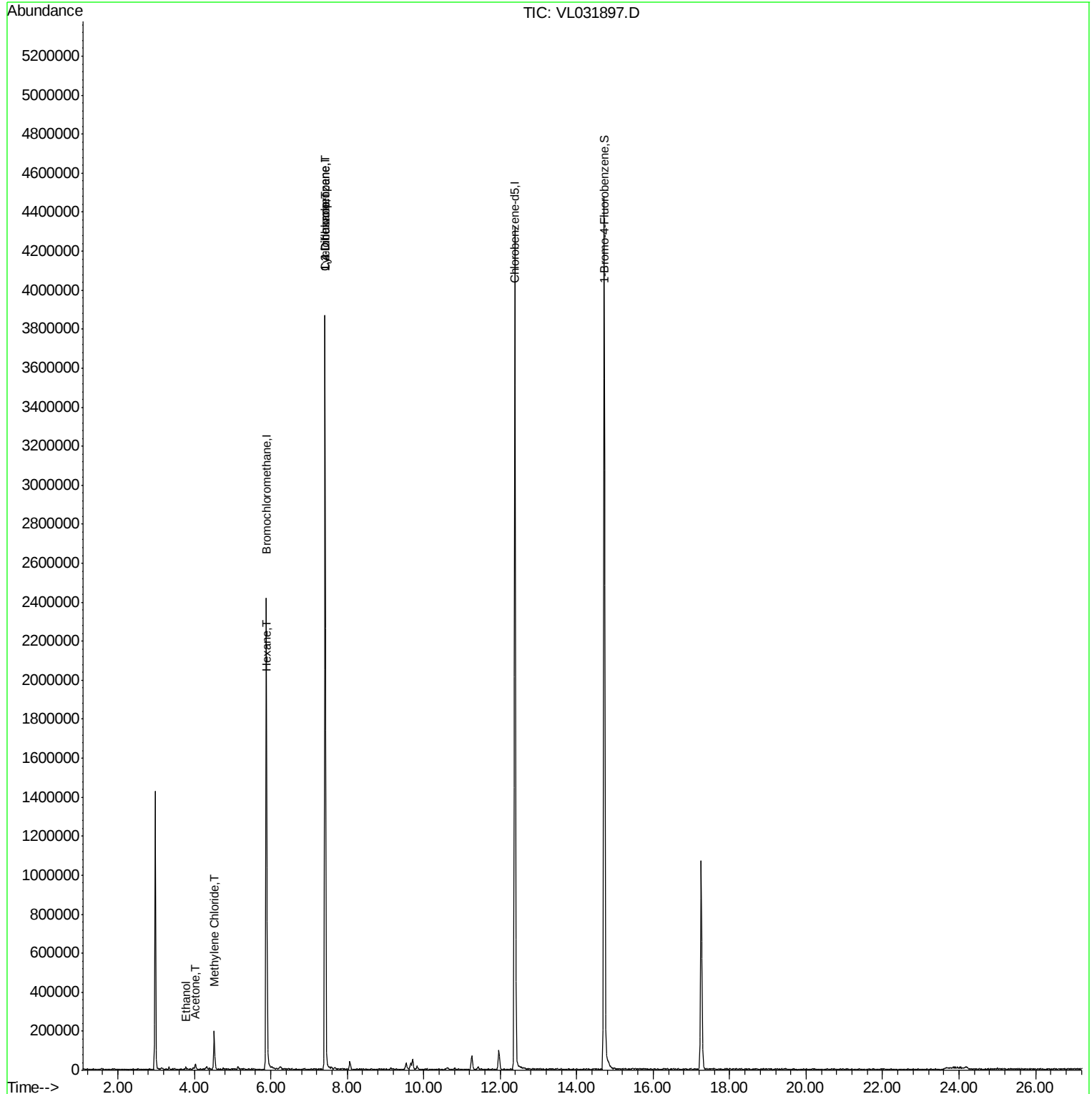
Quant Time: Apr 21 02:16:08 2018

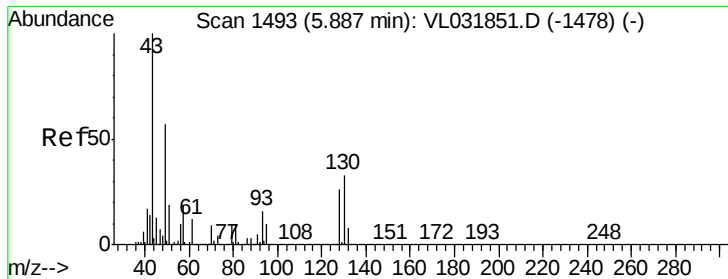
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL041218AIR.M

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: 5.88 min Scan# 1492

Delta R.T. -0.01 min

Lab File: VL031897.D

Acq: 20 Apr 2018 12:32

Instrument :

MSVOA_L

ClientSampleId :

QC040218 CAN 10280

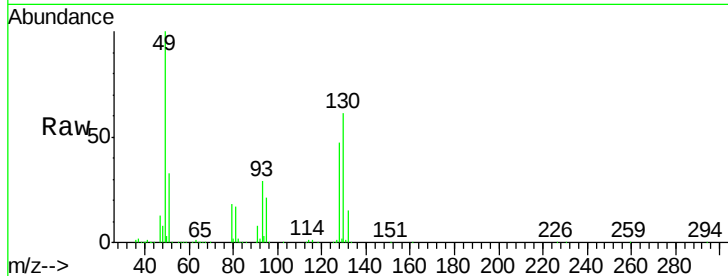
Tgt Ion: 49 Resp: 1087008

Ion Ratio Lower Upper

49 100

128 49.3 23.9 71.7

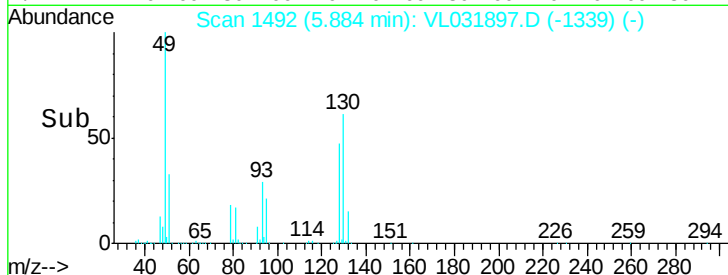
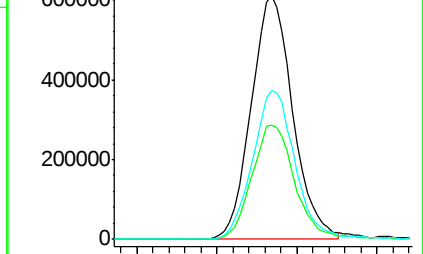
130 63.3 30.9 92.7



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# 835

Delta R.T. 0.02 min

Lab File: VL031897.D

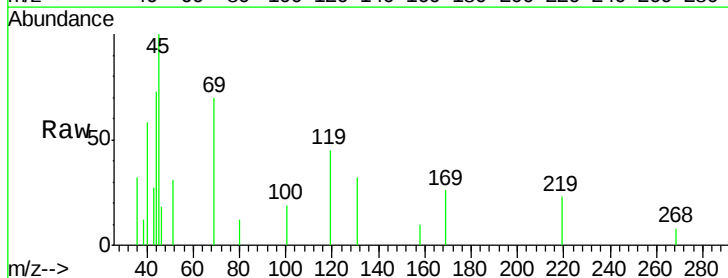
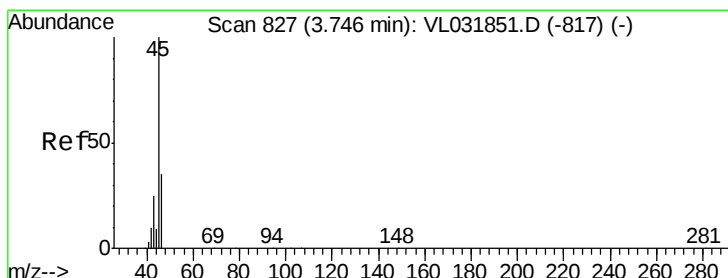
Acq: 20 Apr 2018 12:32

Tgt Ion: 45 Resp: 994

Ion Ratio Lower Upper

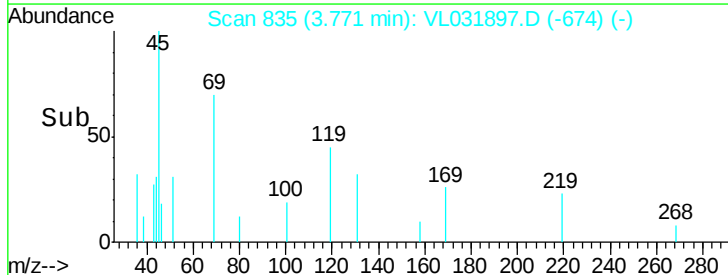
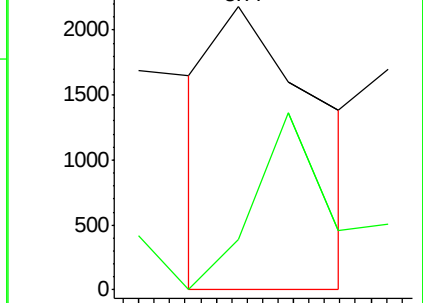
45 100

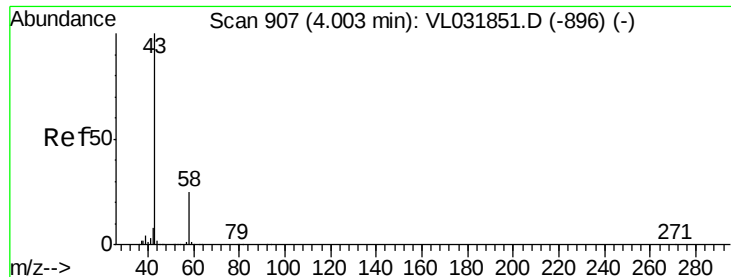
46 163.2 14.6 58.6#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 0.17 ppbv

RT: 4.02 min Scan# 911

Delta R.T. 0.01 min

Lab File: VL031897.D

Acq: 20 Apr 2018 12:32

Instrument :

MSVOA_L

ClientSampleId :

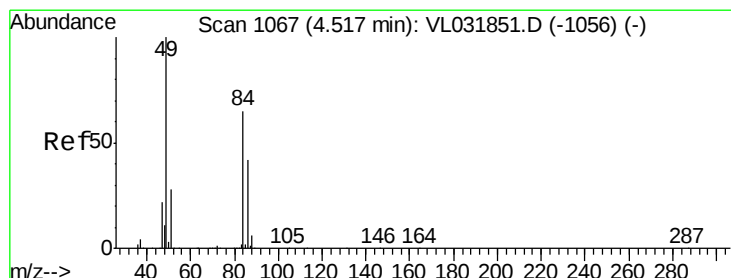
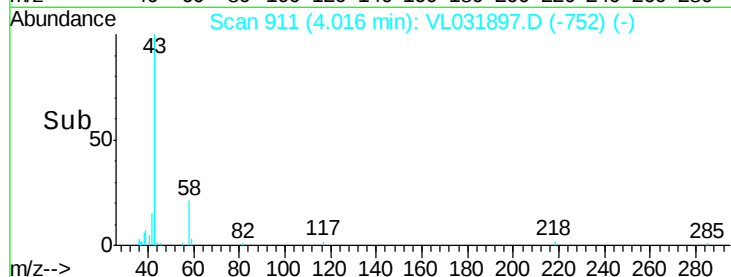
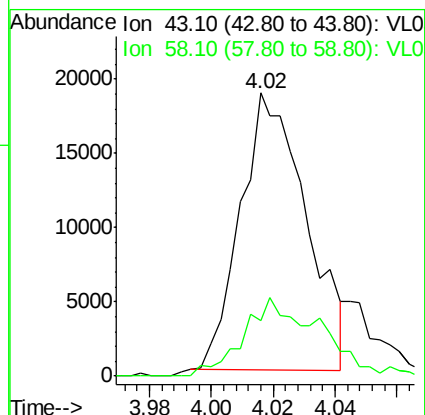
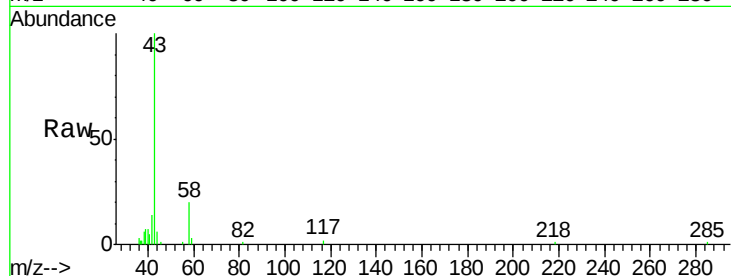
QC040218 CAN 10280

Tgt Ion: 43 Resp: 27649

Ion Ratio Lower Upper

43 100

58 33.1 20.9 31.3#



#20

Methylene Chloride

Concen: 1.14 ppbv

RT: 4.52 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VL031897.D

Acq: 20 Apr 2018 12:32

Tgt Ion: 84 Resp: 69488

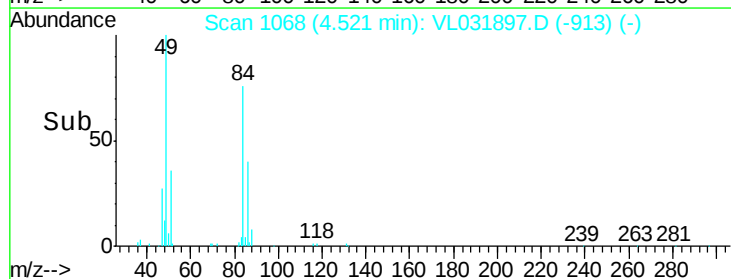
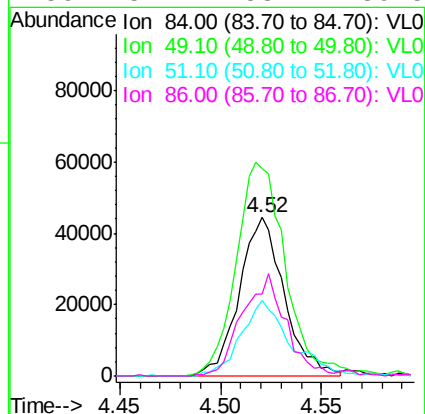
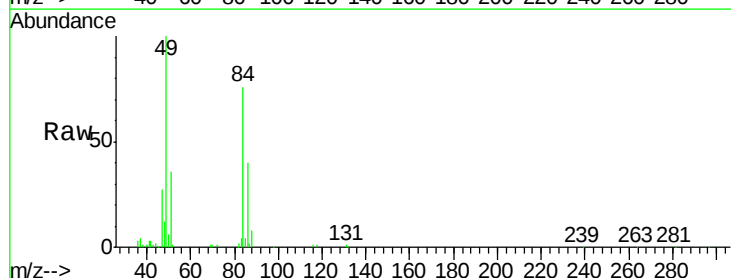
Ion Ratio Lower Upper

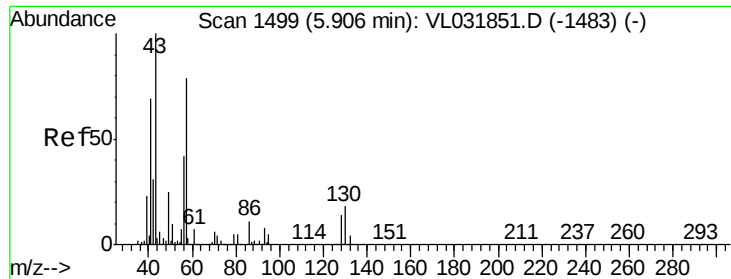
84 100

49 130.4 125.6 188.4

51 49.1 36.4 54.6

86 51.7 53.7 80.5#





#26

Hexane

Concen: 0.09 ppbv

RT: 5.90 min Scan# 1498

Delta R.T. -0.00 min

Lab File: VL031897.D

Acq: 20 Apr 2018 12:32

Instrument :

MSVOA_L

ClientSampleId :

QC040218 CAN 10280

Tgt Ion: 57 Resp: 10837

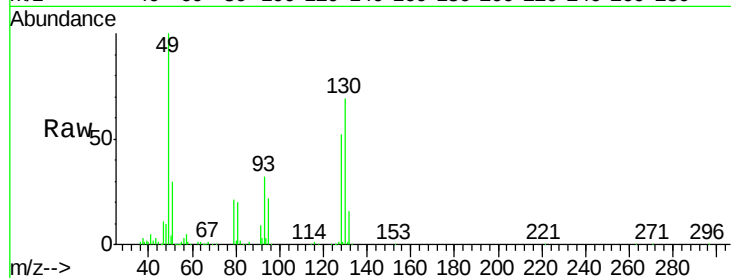
Ion Ratio Lower Upper

57 100

41 144.9 72.0 108.0#

43 0.0 169.8 254.8#

56 74.9 42.0 63.0#

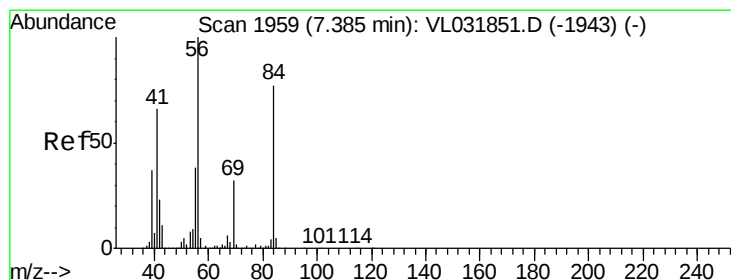
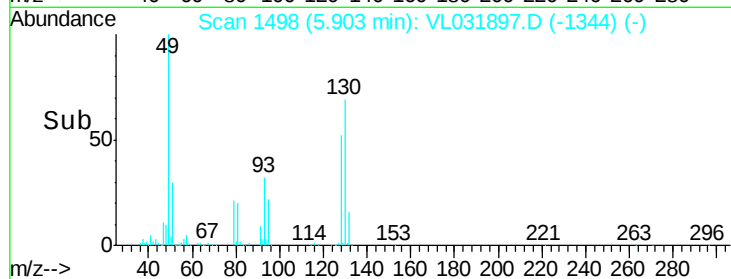
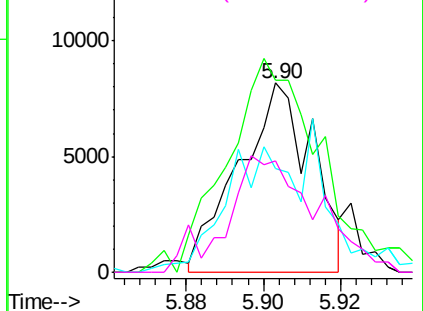


Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0



#30

Cyclohexane

Concen: 0.08 ppbv

RT: 7.41 min Scan# 1968

Delta R.T. 0.03 min

Lab File: VL031897.D

Acq: 20 Apr 2018 12:32

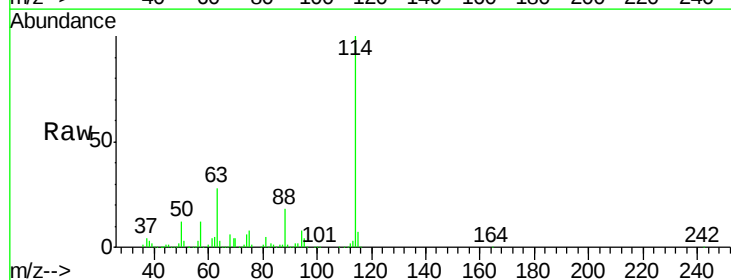
Tgt Ion: 84 Resp: 7196

Ion Ratio Lower Upper

84 100

56 0.0 107.7 161.5#

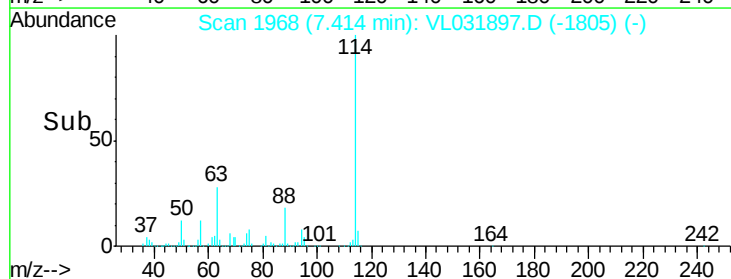
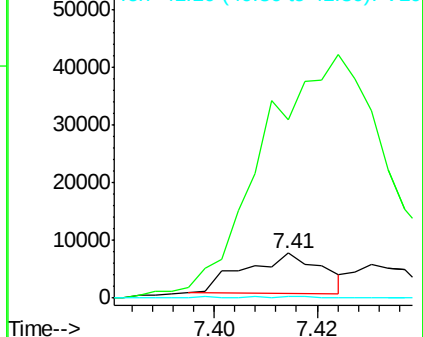
41 4.3 68.2 102.2#

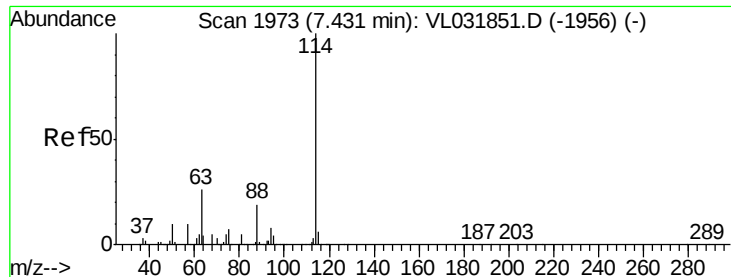


Abundance Ion 84.20 (83.90 to 84.90): VL0

Ion 56.10 (55.80 to 56.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

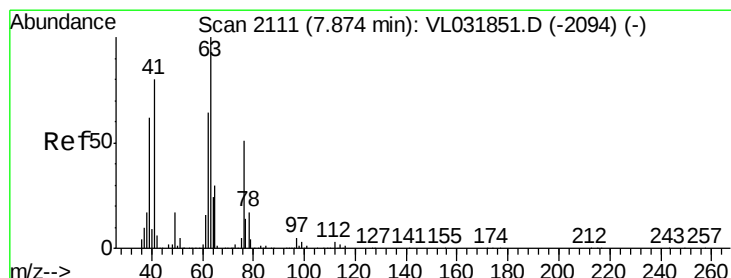
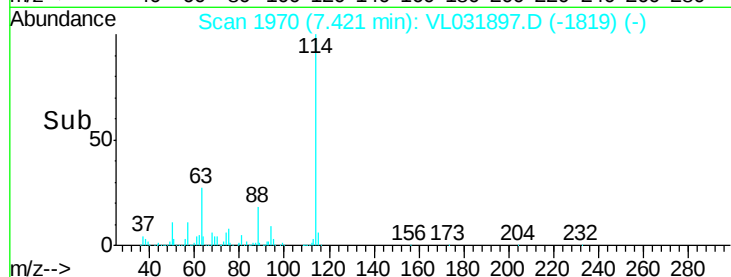
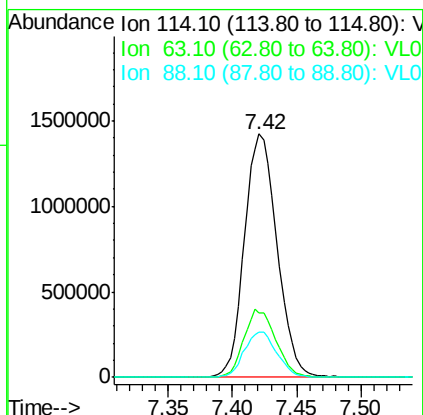
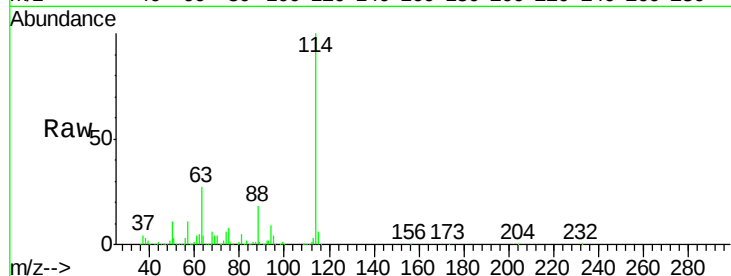




#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.42 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: VL031897.D
 Acq: 20 Apr 2018 12:32

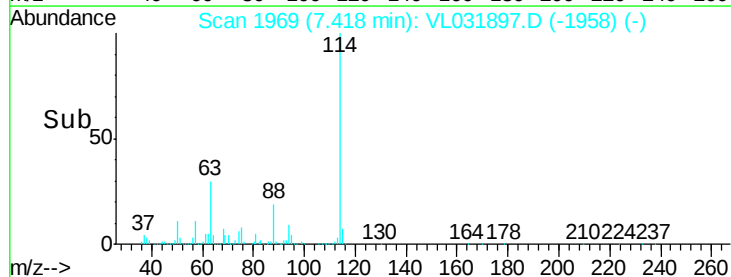
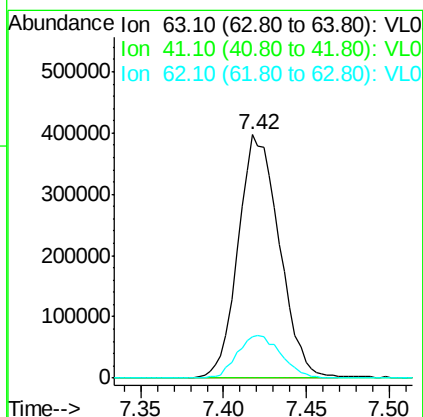
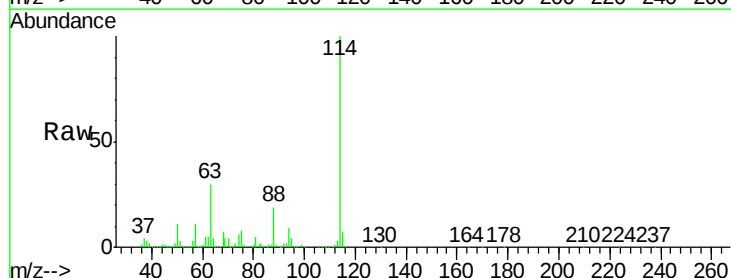
Instrument :
 MSVOA_L
 ClientSampleId :
 QC040218 CAN 10280

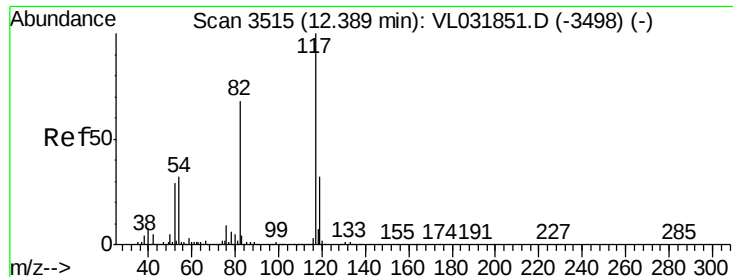
Tgt Ion:114 Resp: 2510916
 Ion Ratio Lower Upper
 114 100
 63 27.5 21.8 32.6
 88 18.7 14.6 22.0



#39
 1,2-Dichloropropane
 Concen: 8.17 ppbv
 RT: 7.42 min Scan# 1969
 Delta R.T. -0.46 min
 Lab File: VL031897.D
 Acq: 20 Apr 2018 12:32

Tgt Ion: 63 Resp: 685764
 Ion Ratio Lower Upper
 63 100
 41 0.1 65.8 98.6#
 62 17.0 55.0 82.6#

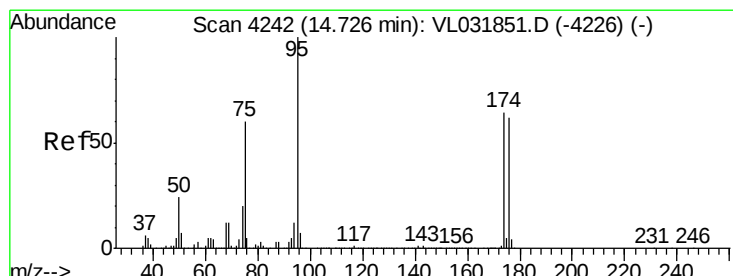
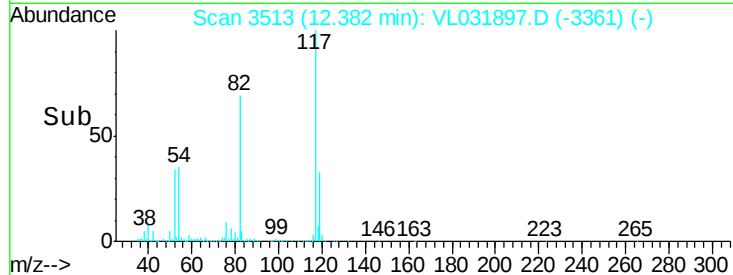
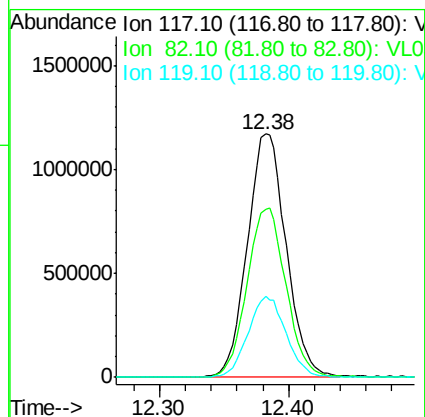
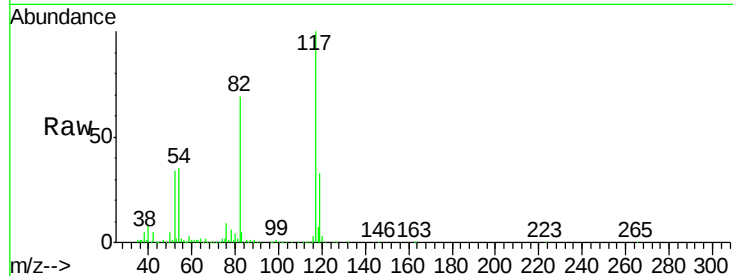




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.38 min Scan# 3513
Delta R.T. -0.01 min
Lab File: VL031897.D
Acq: 20 Apr 2018 12:32

Instrument :
MSVOA_L
ClientSampleId :
QC040218 CAN 10280

Tgt Ion: 117 Resp: 2453908
Ion Ratio Lower Upper
117 100
82 70.4 54.6 81.8
119 32.9 26.0 39.0



#68
1-Bromo-4-Fluorobenzene
Concen: 10.08 ppbv
RT: 14.72 min Scan# 4240
Delta R.T. -0.01 min
Lab File: VL031897.D
Acq: 20 Apr 2018 12:32

Tgt Ion: 95 Resp: 1988575
Ion Ratio Lower Upper
95 100
174 65.3 52.3 78.5
175 4.6 3.9 5.9

