

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL041918\
 Data File : VL031898.D
 Acq On : 20 Apr 2018 13:13
 Operator : SY/AP
 Sample : OC040618 CAN 10595
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC040618 CAN 10595

Quant Time: Apr 21 03:16:57 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%

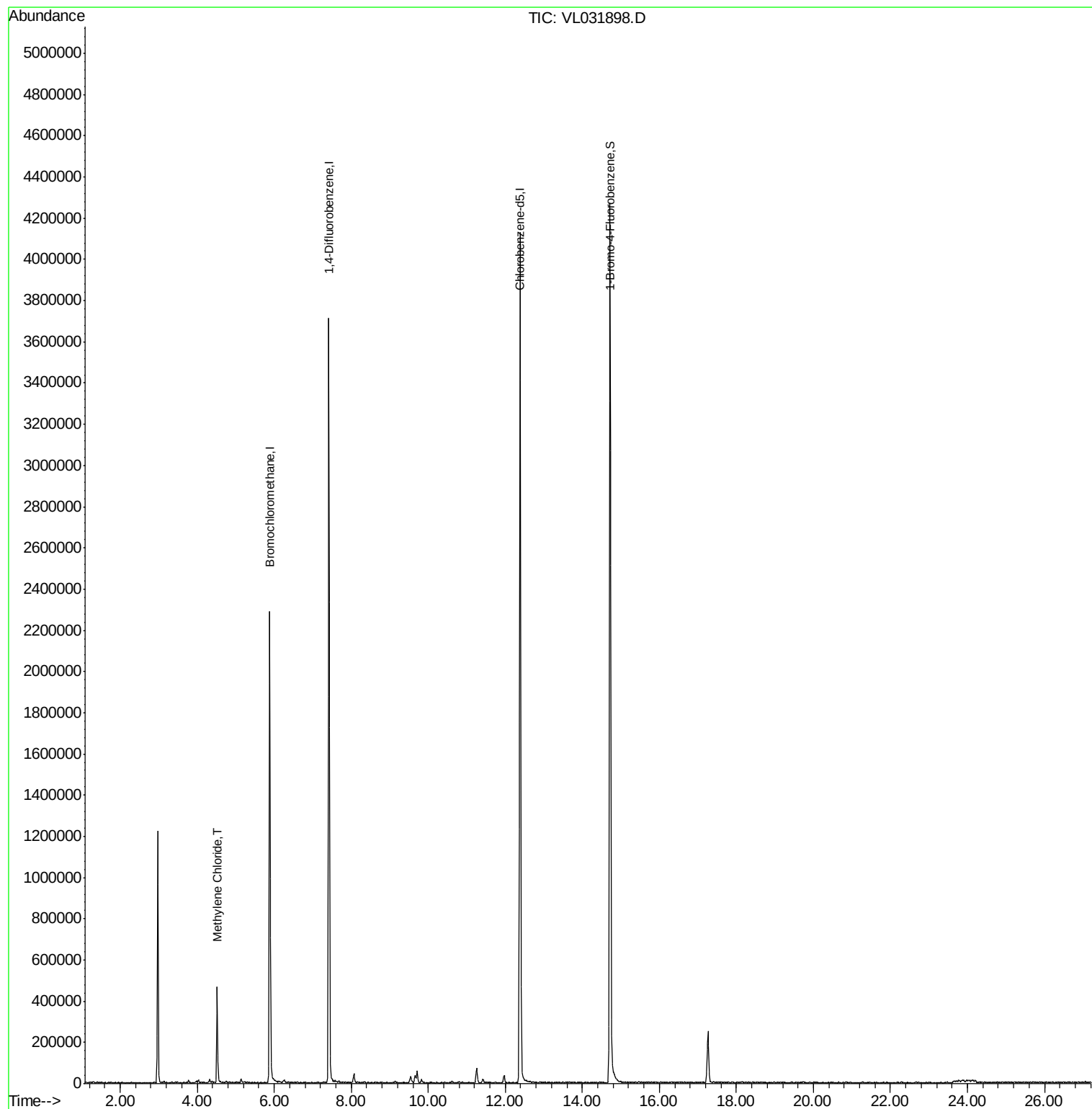
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.52	84	160838	2.74	ppbv	88

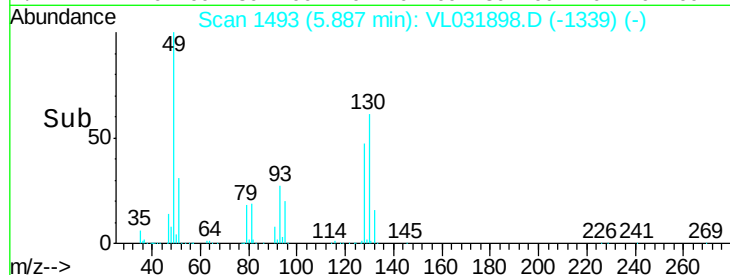
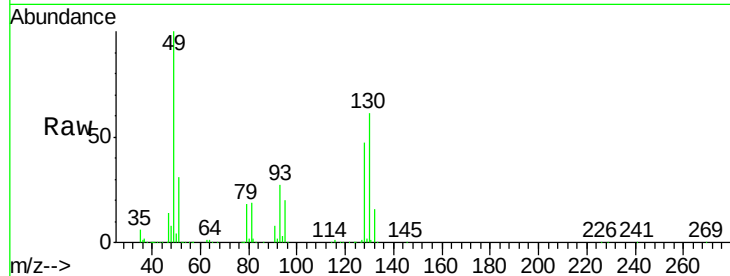
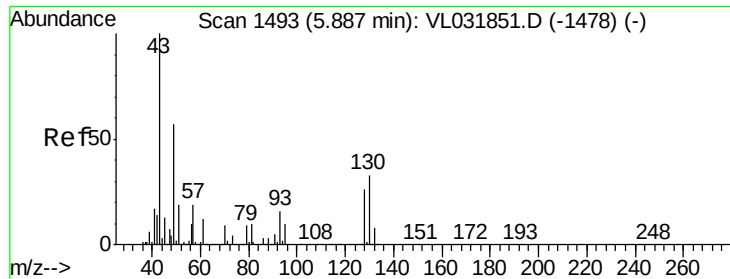
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.89 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VL031898.D

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MSVOA_L

ClientSampleId :

QC040618 CAN 10595

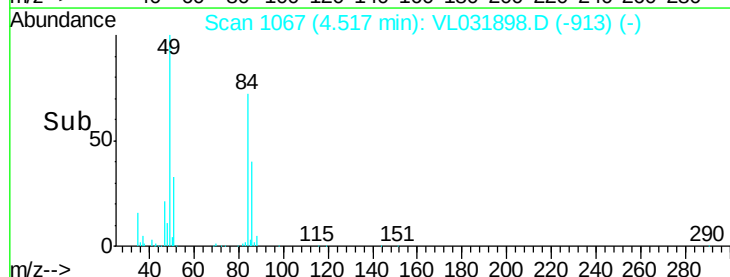
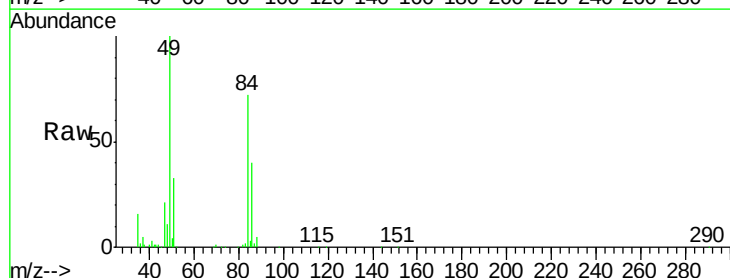
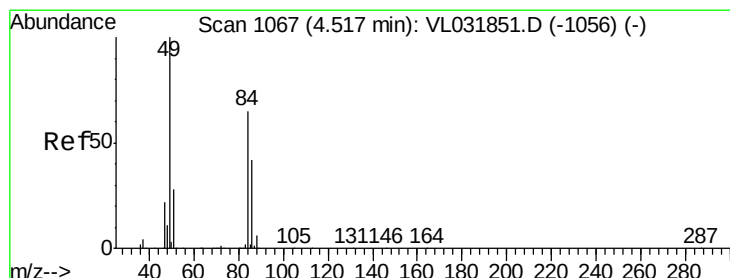
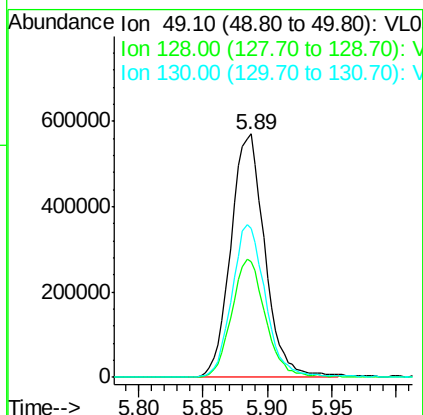
Tot Ion: 49 Resp: 1048407

Ion Ratio Lower Upper

49 100

128 48.4 23.9 71.7

130 62.3 30.9 92.7



#20

Methylene Chloride

Concen: 2.74 ppbv

RT: 4.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VL031898.D

Acq: 20 Apr 2018 13:13

Tgt Ion: 84 Resp: 160838

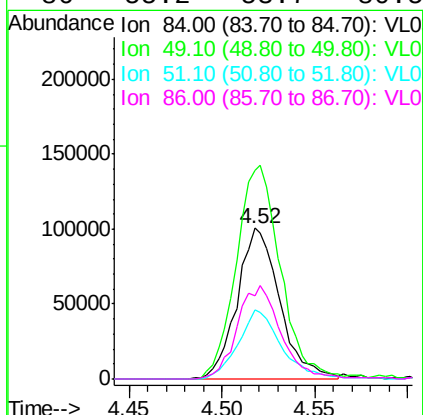
Ion Ratio Lower Upper

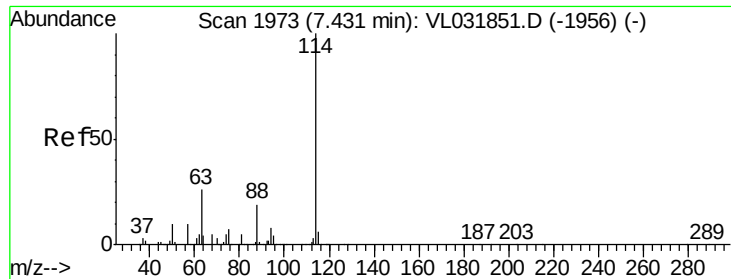
84 100

49 138.9 125.6 188.4

51 45.9 36.4 54.6

86 55.2 53.7 80.5

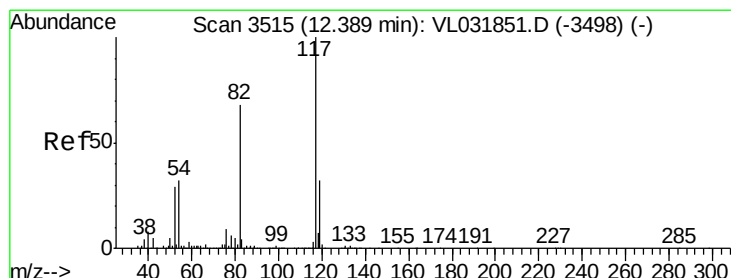
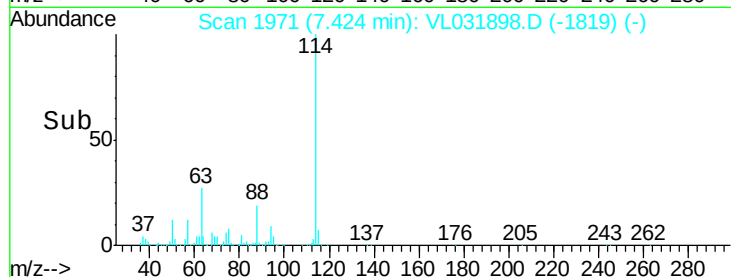
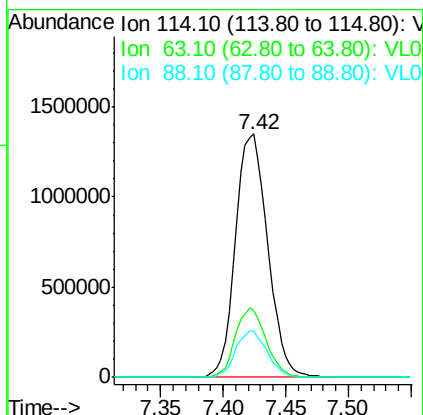
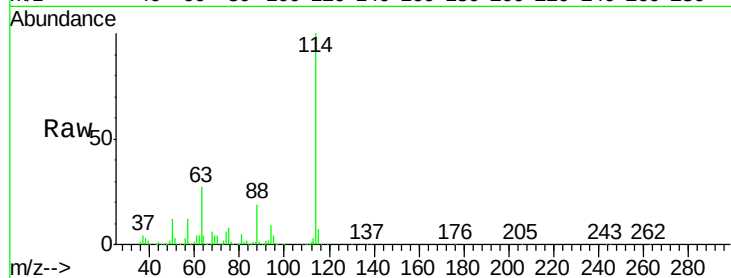




#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.42 min Scan# 1971
 Delta R.T. -0.01 min
 Lab File: VL031898.D
 Acq: 20 Apr 2018 13:13

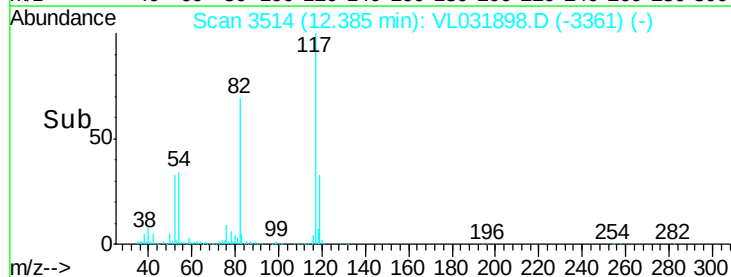
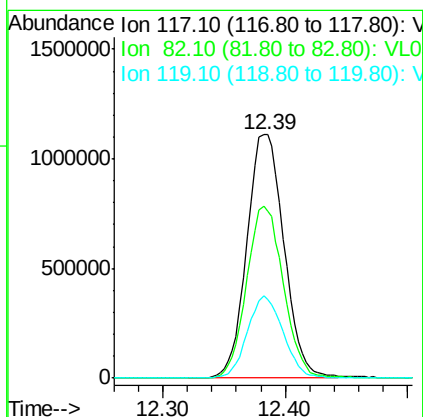
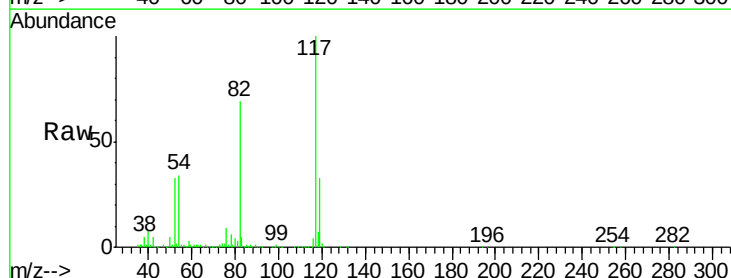
Instrument :
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 QC040618 CAN 10595

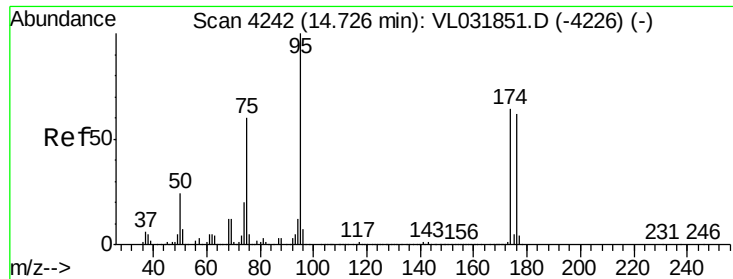
Tot Ion:114 Resp: 2416047
 Ion Ratio Lower Upper
 114 100
 63 27.5 21.8 32.6
 88 18.6 14.6 22.0



#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





#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

Tot Ion: 95 Resp: 1920197

Ion Ratio Lower Upper

95 100

174 64.4 52.3 78.5

175 4.4 3.9 5.9

