

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL041918\
Data File : VL031883.D
Acq On : 19 Apr 2018 18:30
Operator : SY/AP
Sample : OC041118 CAN 10261
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC041118 CAN 10261

Quant Time: Apr 20 08:19:37 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	1255468	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.42	114	2707524	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.39	117	2548944	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.73	95	2036786	9.94	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.40%

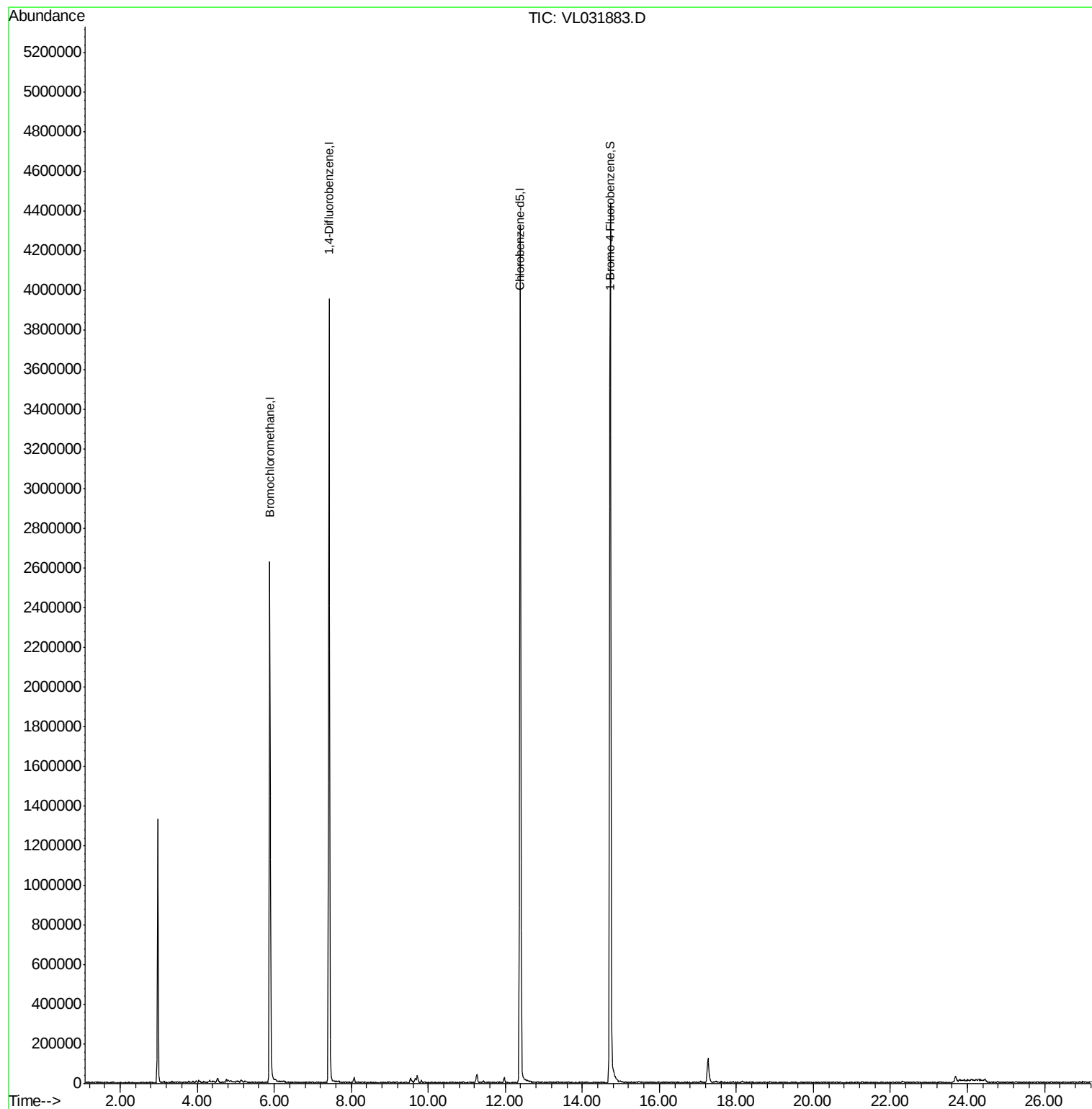
Target Compounds	Ovalue
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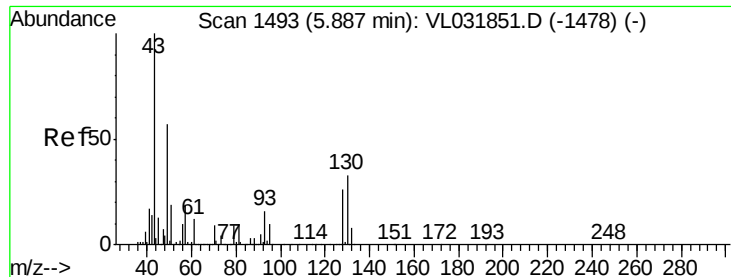
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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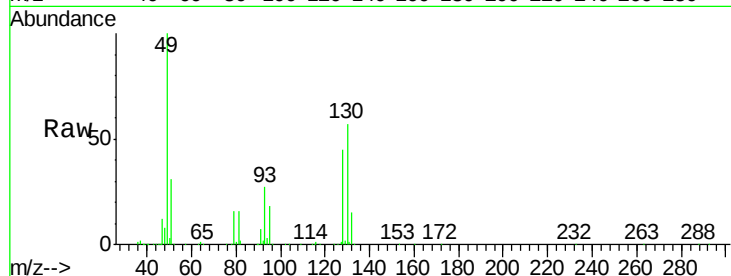
Tot Ion: 49 Resp: 1255468

Ion Ratio Lower Upper

49 100

128 48.0 23.9 71.7

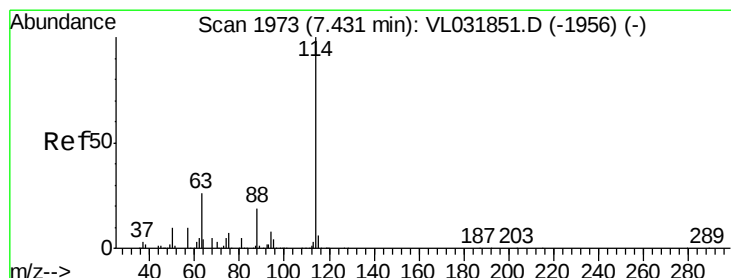
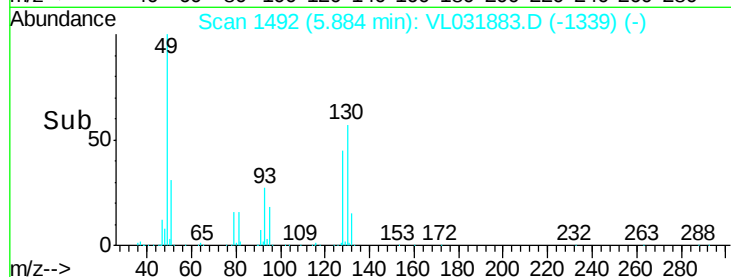
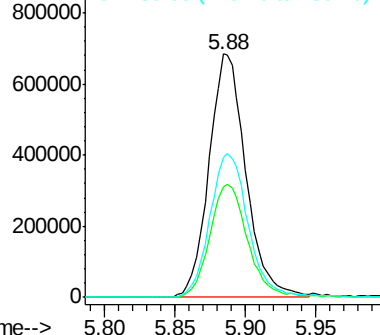
130 61.8 30.9 92.7



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



#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.42 min Scan# 1971

Delta R.T. -0.01 min

Lab File: VL031883.D

Acq: 19 Apr 2018 18:30

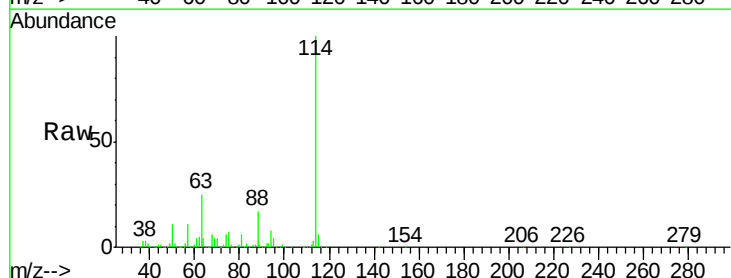
Tgt Ion: 114 Resp: 2707524

Ion Ratio Lower Upper

114 100

63 26.7 21.8 32.6

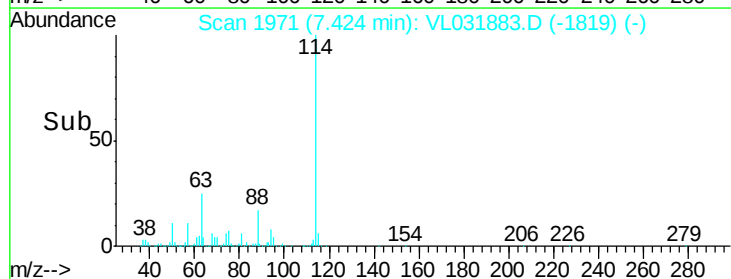
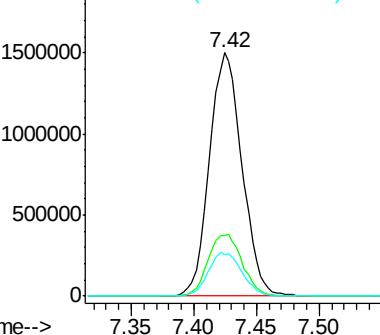
88 18.4 14.6 22.0

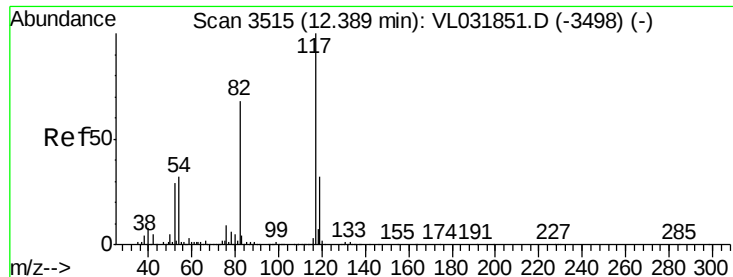


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

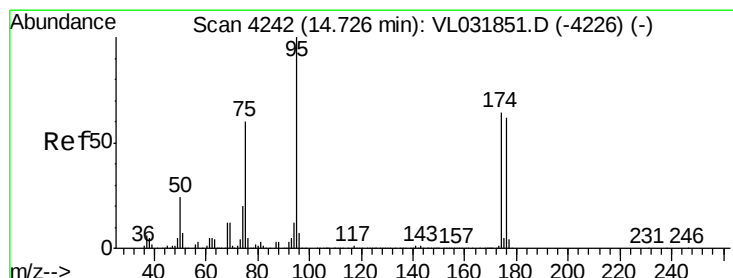
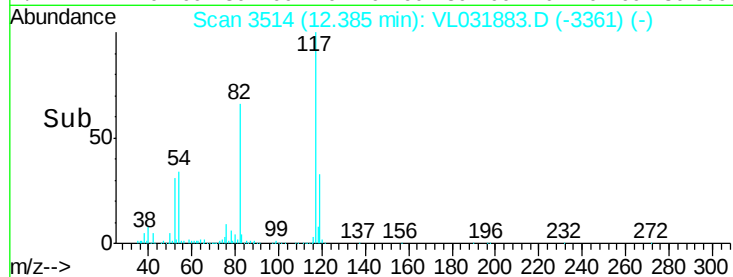
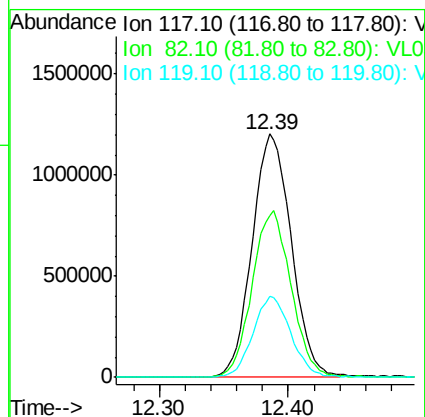
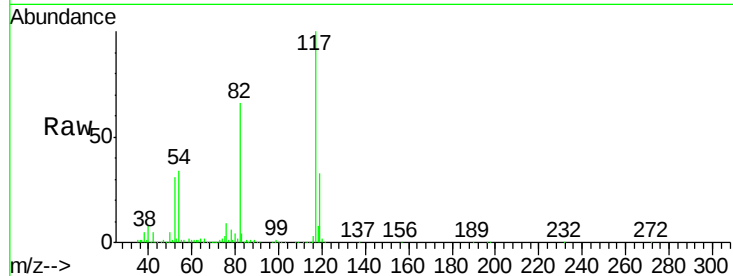




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.39 min Scan# 3514
Delta R.T. -0.01 min
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Tot Ion:117 Resp: 2548944
Ion Ratio Lower Upper
117 100
82 68.7 54.6 81.8
119 32.4 26.0 39.0



#68
1-Bromo-4-Fluorobenzene
Concen: 9.94 ppbv
RT: 14.73 min Scan# 4242
Delta R.T. -0.00 min
Lab File: VL031883.D
Acq: 19 Apr 2018 18:30

Tgt Ion: 95 Resp: 2036786
Ion Ratio Lower Upper
95 100
174 66.8 52.3 78.5
175 4.6 3.9 5.9

