

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL041918\
 Data File : VL031881.D
 Acq On : 19 Apr 2018 17:15
 Operator : SY/AP
 Sample : VL0419ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0419ABL01

Quant Time: Apr 20 08:13:36 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	1196148	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.42	114	2701921	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.39	117	2695795	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.72	95	2179136	10.05	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.50%

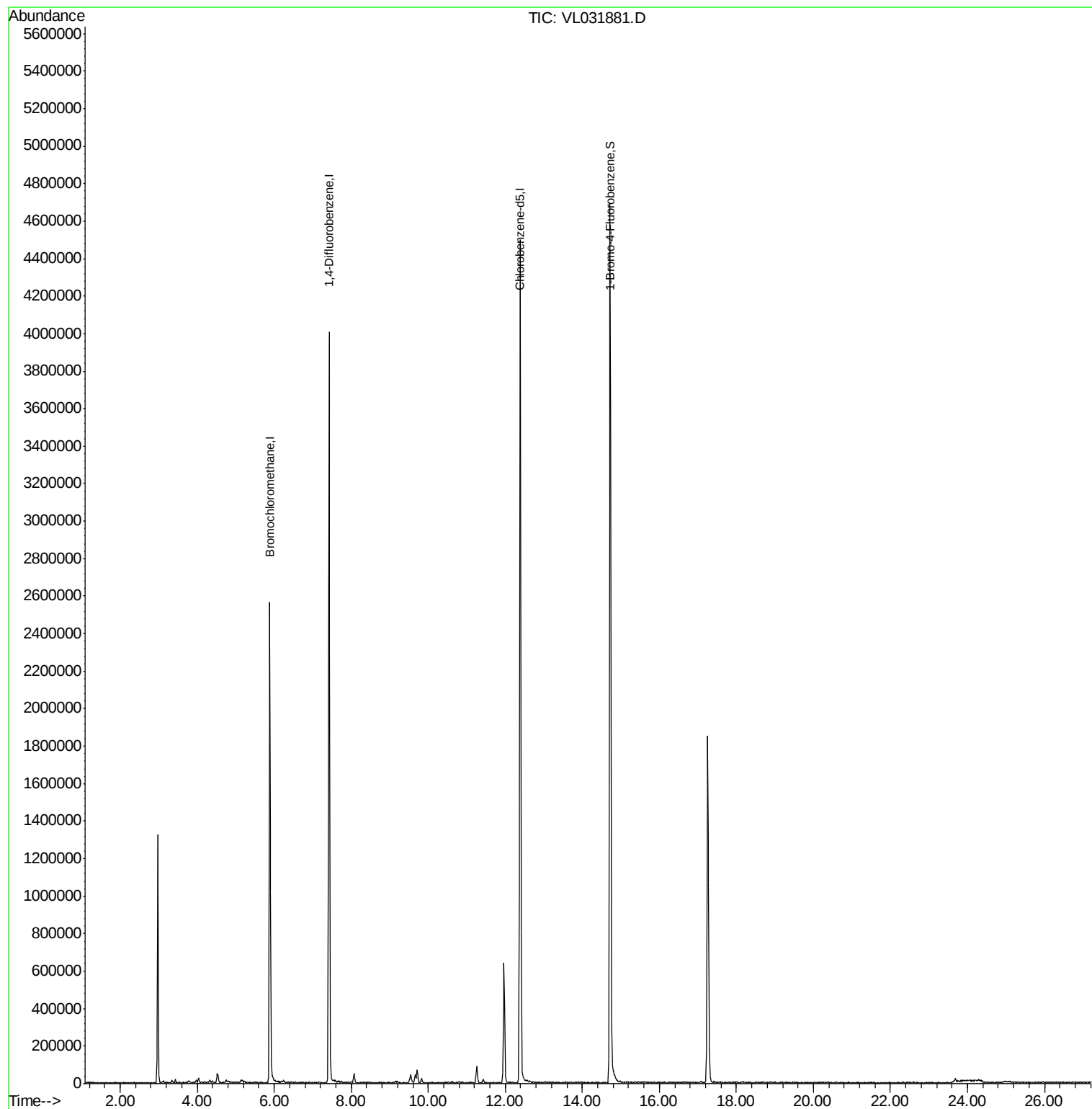
Target Compounds	Ovalue

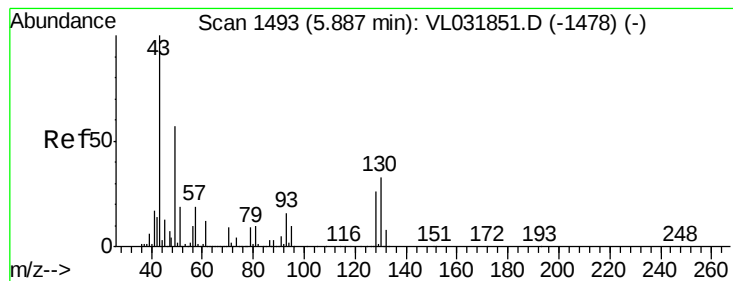
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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Instrument :

MSVOA_L

ClientSampleId :

VL0419ABL01

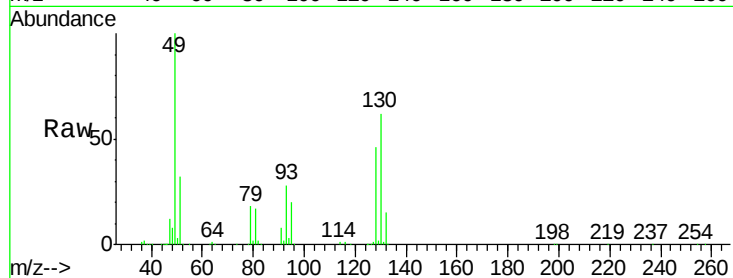
Tot Ion: 49 Resp: 1196148

Ion Ratio Lower Upper

49 100

128 47.8 23.9 71.7

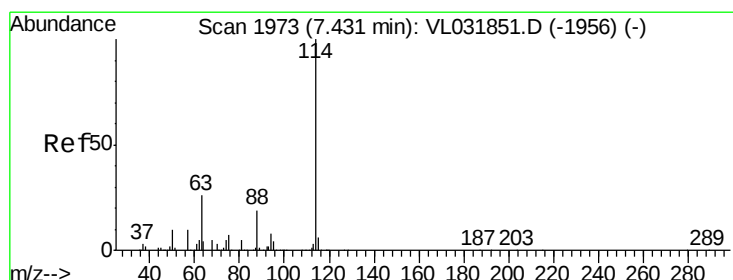
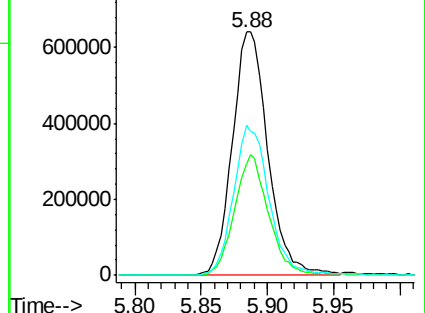
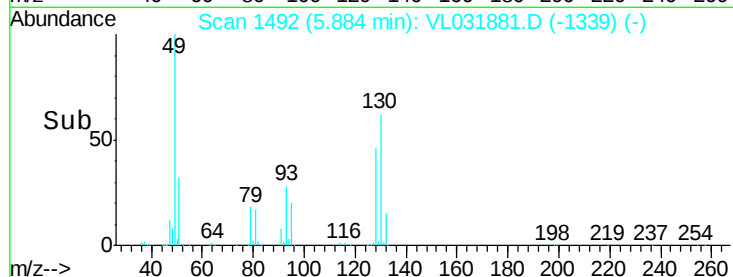
130 62.2 30.9 92.7



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: VL031881.D

Acq: 19 Apr 2018 17:15

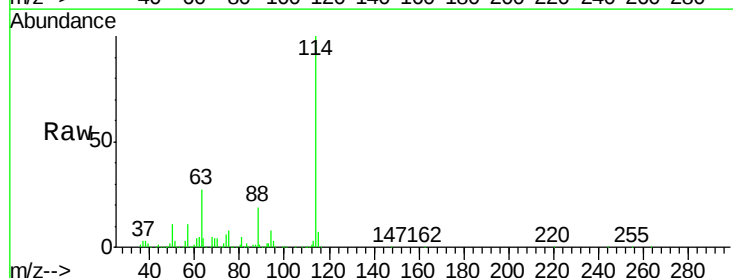
Tgt Ion: 114 Resp: 2701921

Ion Ratio Lower Upper

114 100

63 27.0 21.8 32.6

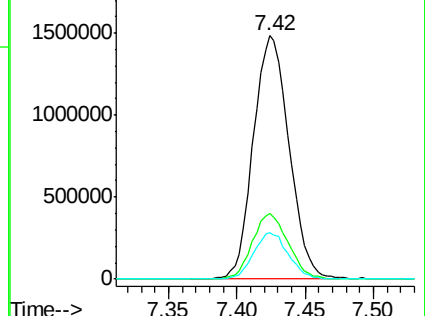
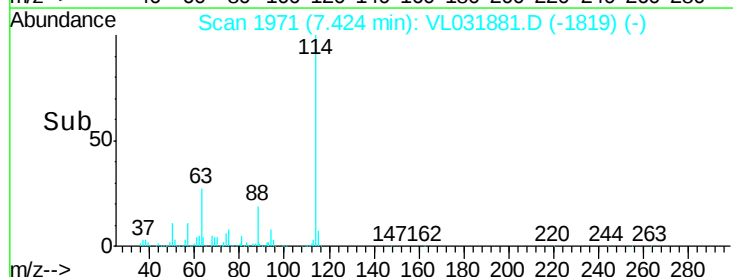
88 18.6 14.6 22.0

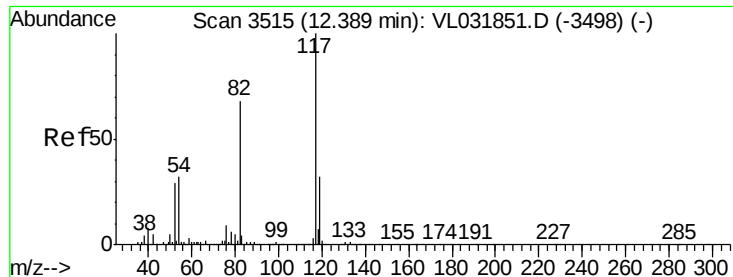


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

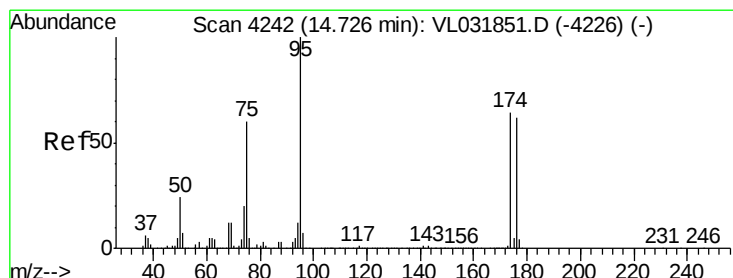
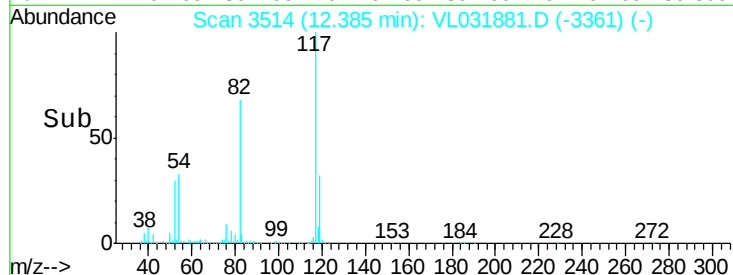
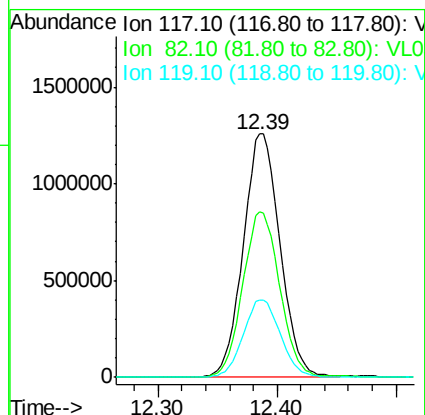
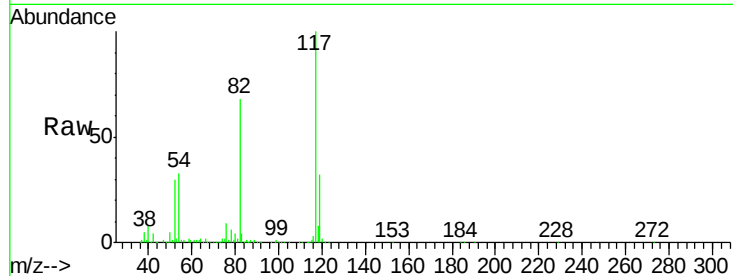




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.39 min Scan# 3514
Delta R.T. -0.01 min
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Instrument :
MSVOA_L
ClientSampleId :
VL0419ABL01

Tot Ion:117 Resp: 2695795
Ion Ratio Lower Upper
117 100
82 68.8 54.6 81.8
119 32.2 26.0 39.0



#68
1-Bromo-4-Fluorobenzene
Concen: 10.05 ppbv
RT: 14.72 min Scan# 4241
Delta R.T. -0.01 min
Lab File: VL031881.D
Acq: 19 Apr 2018 17:15

Tgt Ion: 95 Resp: 2179136
Ion Ratio Lower Upper
95 100
174 65.9 52.3 78.5
175 4.6 3.9 5.9

