

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL012218\
 Data File : VL031423.D
 Acq On : 22 Jan 2018 19:55
 Operator : SY/AP
 Sample : VL0122ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0122ABL01

Quant Time: Jan 23 06:32:58 2018
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL012218AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan 22 17:52:32 2018
 QLast Update : Mon Jan 22 17:52:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.90	49	1282602	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.44	114	2757512	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.41	117	2865398	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.75	95	2340631	10.20	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.00%

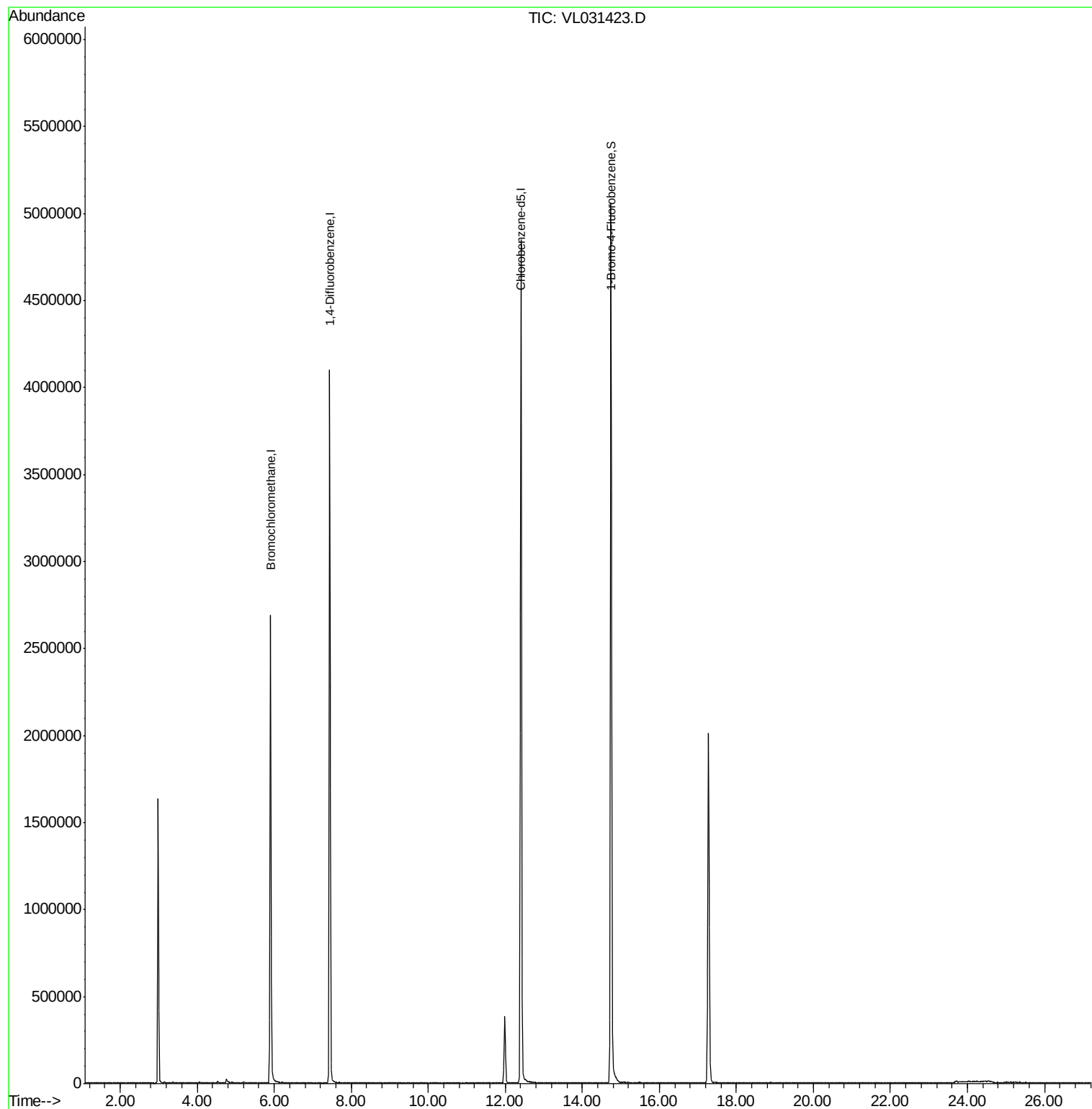
Target Compounds	Ovalue

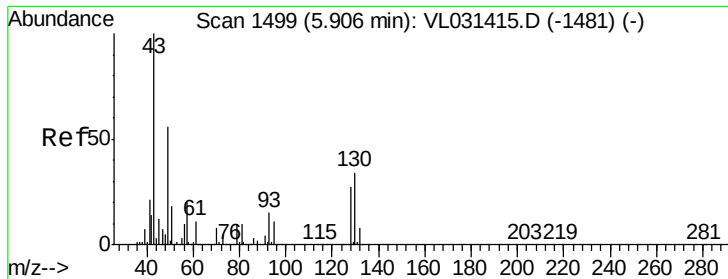
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.90 min Scan# 1498

Delta R.T. -0.01 min

Lab File: VL031423.D

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Instrument :

MSVOA_L

ClientSampleId :

VL0122ABL01

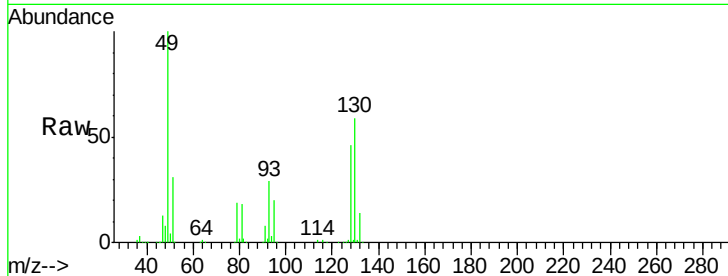
Tot Ion: 49 Resp: 1282602

Ion Ratio Lower Upper

49 100

128 46.0 23.5 70.6

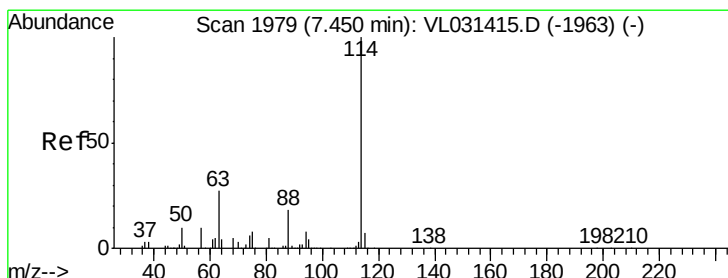
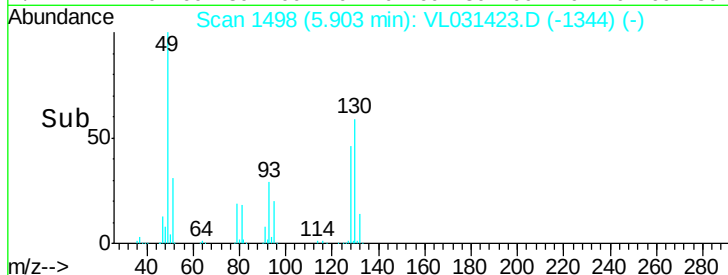
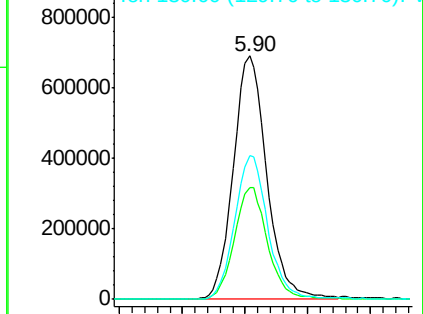
130 59.1 29.9 89.7



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: 7.44 min Scan# 1977

Delta R.T. -0.01 min

Lab File: VL031423.D

Acq: 22 Jan 2018 19:55

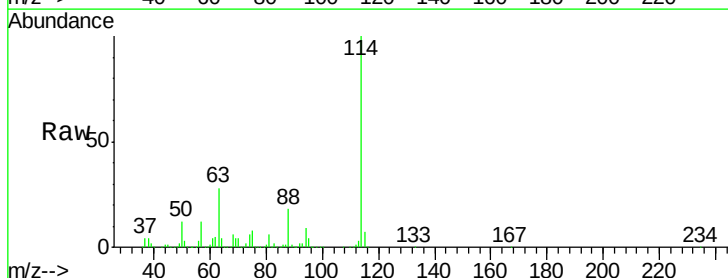
Tgt Ion: 114 Resp: 2757512

Ion Ratio Lower Upper

114 100

63 27.9 22.5 33.7

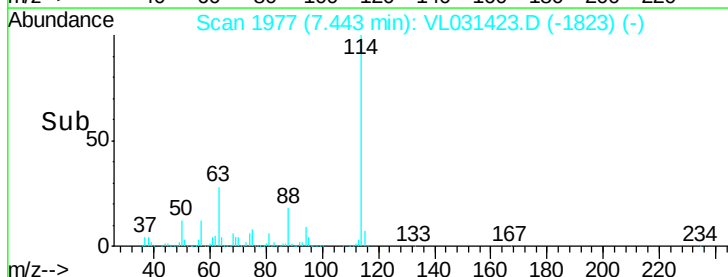
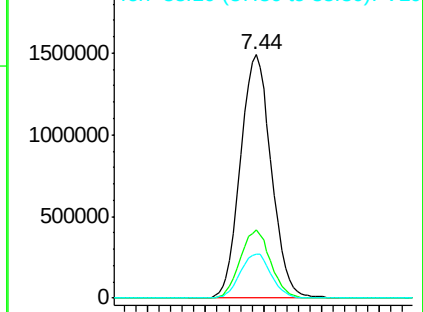
88 18.4 14.6 22.0

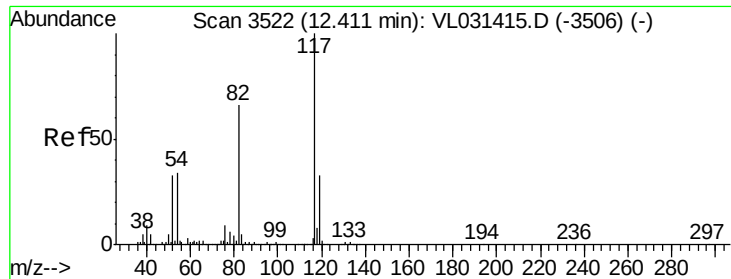


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

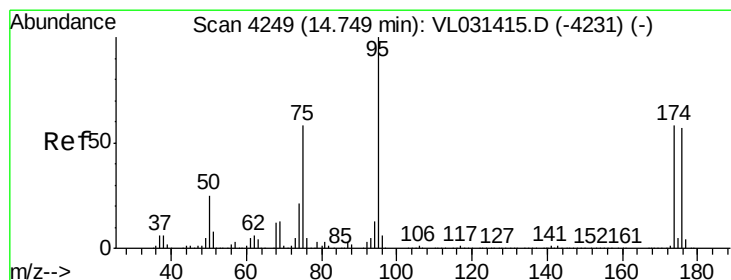
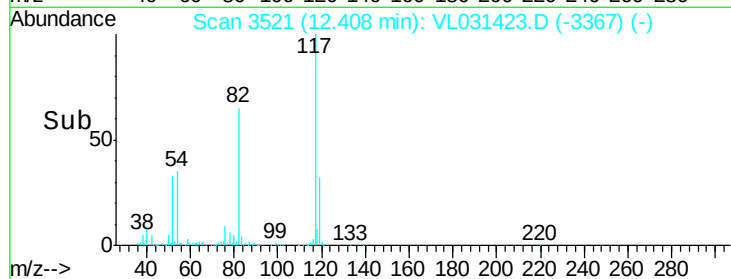
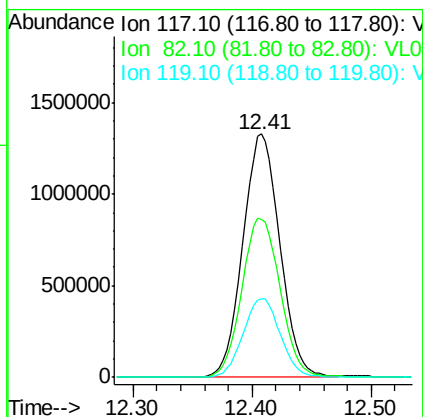
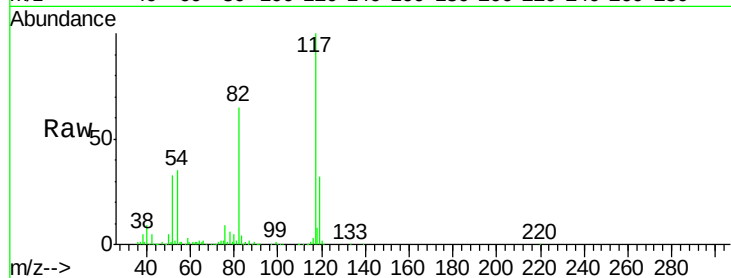




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.41 min Scan# 3521
Delta R.T. -0.01 min
Lab File: VL031423.D
Acq: 22 Jan 2018 19:55

Instrument :
MSVOA_L
ClientSampleId :
VL0122ABL01

Tot Ion:117 Resp: 2865398
Ion Ratio Lower Upper
117 100
82 68.1 51.8 77.6
119 32.8 24.2 36.2



#68
1-Bromo-4-Fluorobenzene
Concen: 10.20 ppbv
RT: 14.75 min Scan# 4248
Delta R.T. -0.00 min
Lab File: VL031423.D
Acq: 22 Jan 2018 19:55

Tgt Ion: 95 Resp: 2340631
Ion Ratio Lower Upper
95 100
174 62.0 48.2 72.4
175 4.5 3.6 5.4

