

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL122017\
 Data File : VL031267.D
 Acq On : 20 Dec 2017 12:44
 Operator : SY/AP
 Sample : OC121317 CAN 10428
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC121317 CAN 10428

Manual Integrations
 APPROVED

MMDadoda
 12/22/2017 4:54:43 PM

Quant Time: Dec 22 04:13:05 2017
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL121317AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Dec 14 2017
 QLast Update : Thu Dec 14 04:29:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.91	49	1836860	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.45	114	4043816	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.41	117	3963206	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.75	95	3234990	11.48	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	114.80%

Target Compounds	Ovalue

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

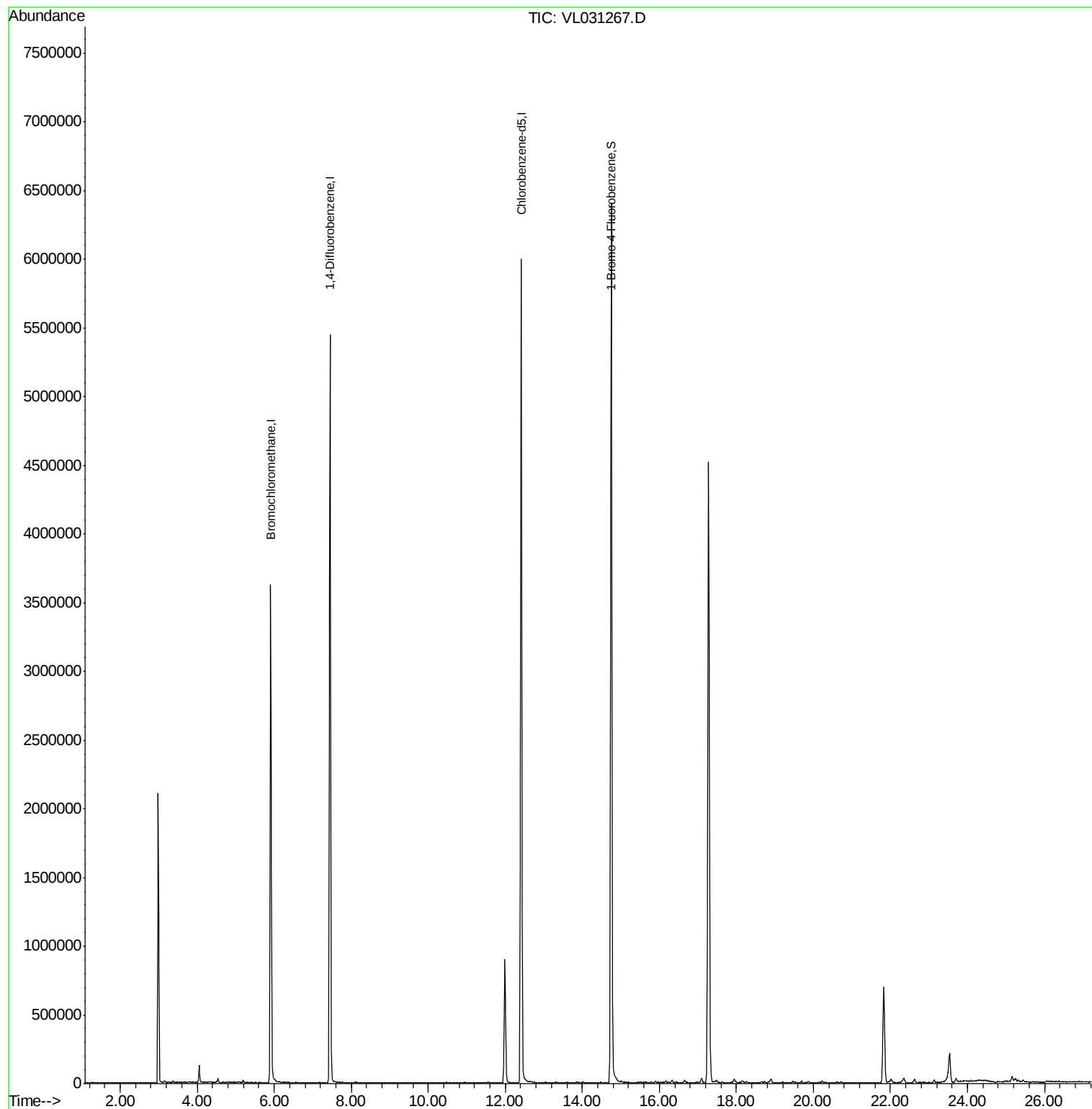
Data Path : W:\HPCHEM1\MSVOA L\DATA\VL122017\
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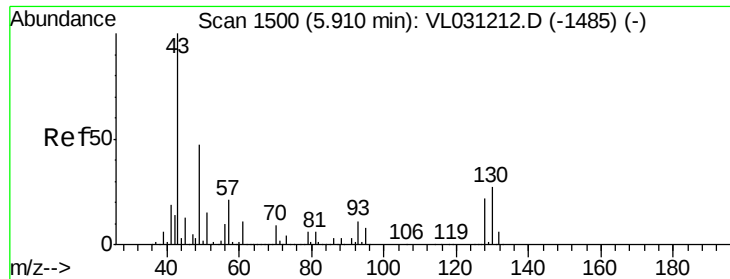
Instrument :
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Quant Time: Dec 22 04:13:05 2017
Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL121317AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Dec
QLast Update : Thu Dec 14 04:29:58 2017
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.91 min Scan# 1499

Delta R.T. -0.00 min

Lab File: VL031267.D

Acq: 20 Dec 2017 12:44

Instrument :

MSVOA_L

ClientSampleId :

QC121317 CAN 10428

Tot Ion: 49 Resp: 1836860

Ion Ratio Lower Upper

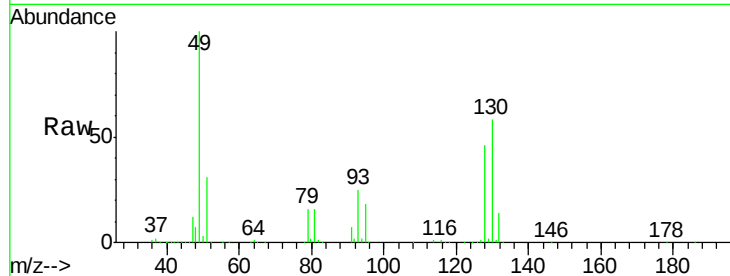
49 100

128 46.5 23.2 69.5

130 60.2 29.6 88.8

Manual Integrations
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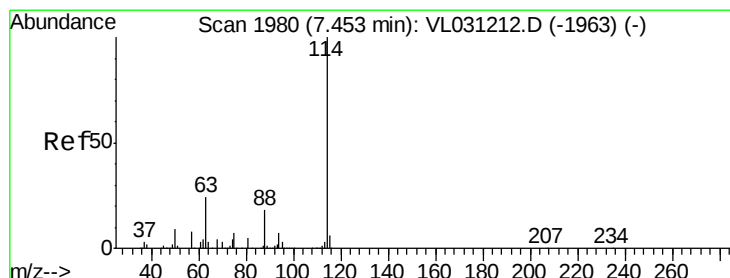
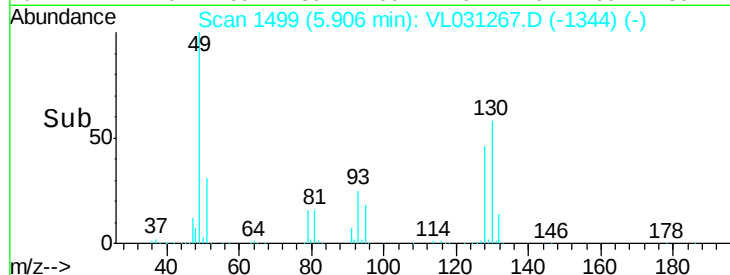
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.91

Time-->



#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.45 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VL031267.D

Acq: 20 Dec 2017 12:44

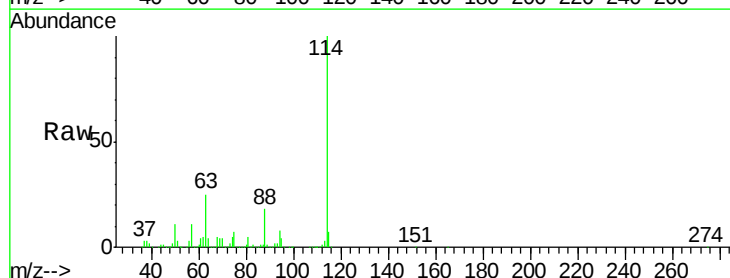
Tgt Ion: 114 Resp: 4043816

Ion Ratio Lower Upper

114 100

63 25.5 19.8 29.8

88 18.1 14.2 21.4



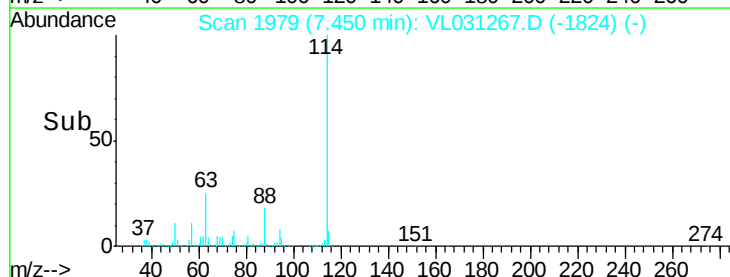
Abundance Ion 114.10 (113.80 to 114.80): VL0

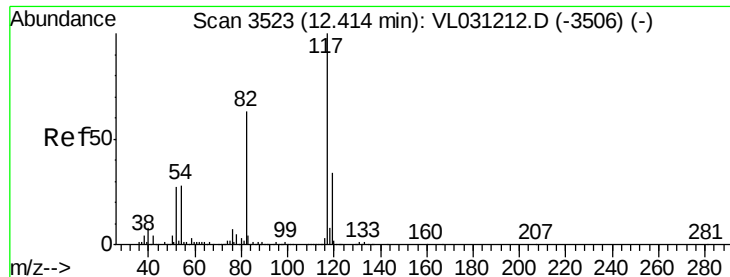
Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

7.45

Time-->





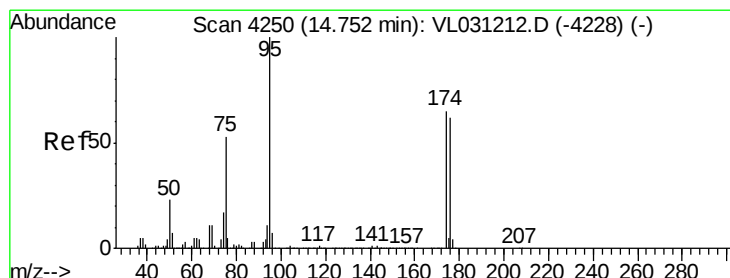
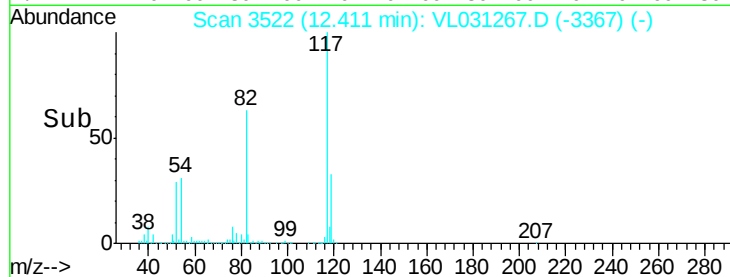
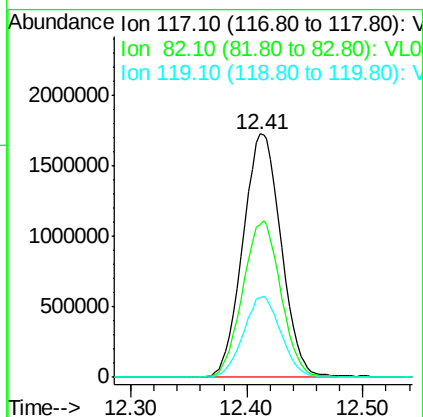
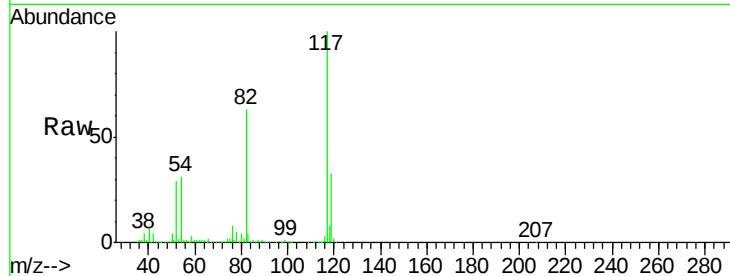
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.41 min Scan# 3522
Delta R.T. -0.00 min
Lab File: VL031267.D
Acq: 20 Dec 2017 12:44

Instrument :
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QC121317 CAN 10428

Tot Ion	Ratio	Lower	Upper
117	100		
82	64.3	48.1	72.1
119	32.8	23.1	34.7

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 11.48 ppbv
RT: 14.75 min Scan# 4250
Delta R.T. 0.00 min
Lab File: VL031267.D
Acq: 20 Dec 2017 12:44

Tgt Ion	Ratio	Lower	Upper
95	100		
174	61.4	52.5	78.7
175	4.6	4.1	6.1

