

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL051618\
Data File : VL032007.D
Acq On : 16 May 2018 19:00
Operator : SY/AP
Sample : OC051518 CAN 10321
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC051518 CAN 10321

Quant Time: May 17 09:12:45 2018
Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL050318AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 03 15:52:13 2018
QLast Update : Thu May 03 15:52:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.87	49	1616481	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.41	114	2346895	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.37	117	2316809	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.71	95	1851290	10.31	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.10%

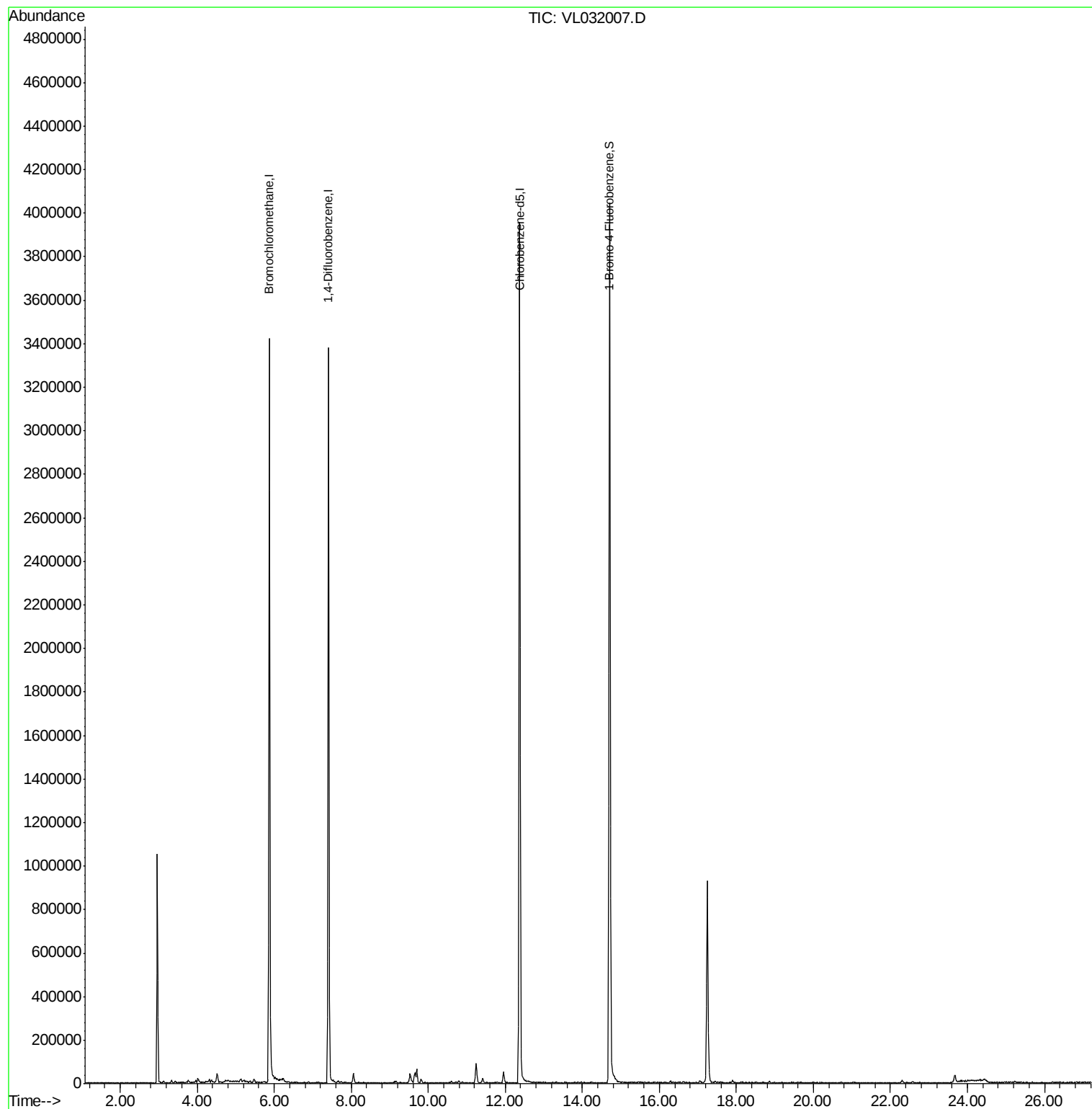
Target Compounds	Ovalue
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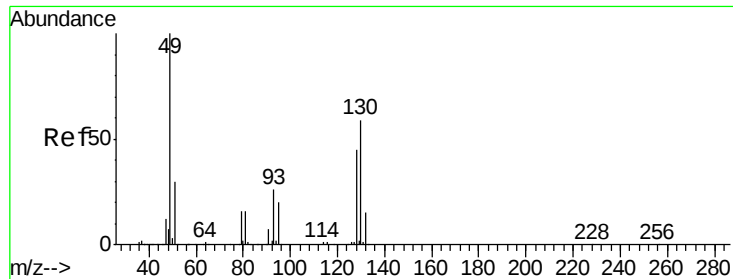
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.87 min Scan# 1488

Delta R.T. -0.01 min

Lab File: VL032007.D

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Instrument :

MSVOA_L

ClientSampleId :

QC051518 CAN 10321

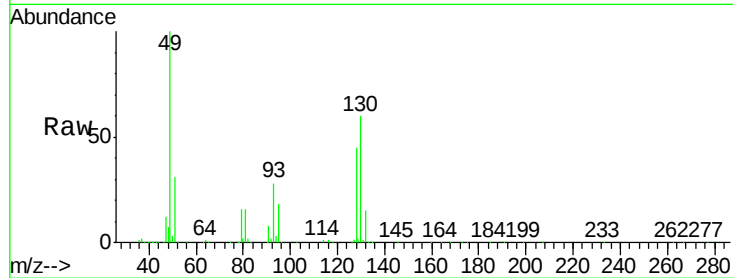
Tot Ion: 49 Resp: 1616481

Ion	Ratio	Lower	Upper
49	100		
128	48.3	24.1	72.3
130	61.9	30.7	92.1

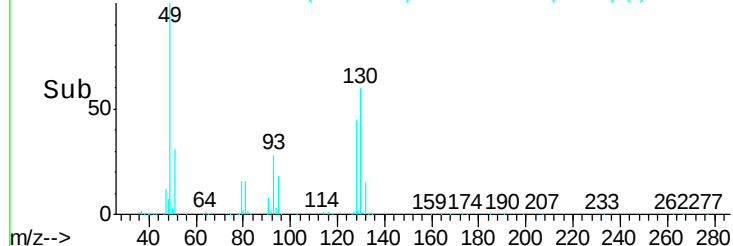
49 100

128 48.3 24.1 72.3

130 61.9 30.7 92.1



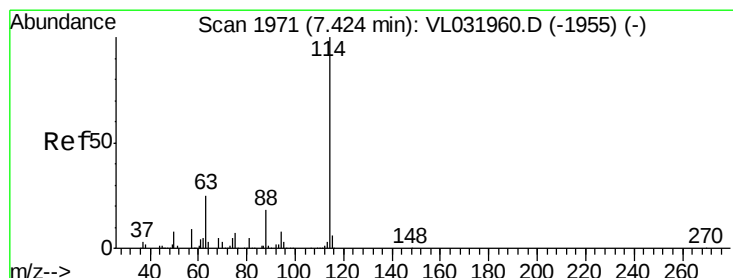
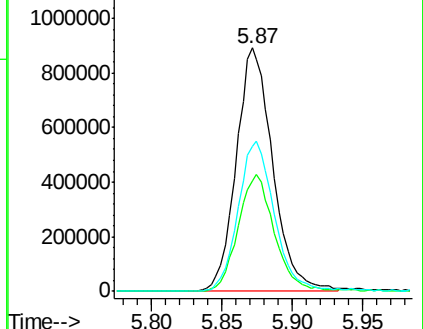
Scan 1488 (5.871 min): VL032007.D (-1336) (-)



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: 7.41 min Scan# 1966

Delta R.T. -0.02 min

Lab File: VL032007.D

Acq: 16 May 2018 19:00

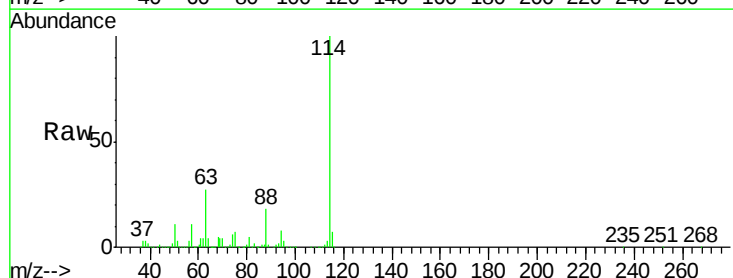
Tgt Ion: 114 Resp: 2346895

Ion	Ratio	Lower	Upper
114	100		
63	26.5	20.8	31.2
88	18.3	14.6	21.8

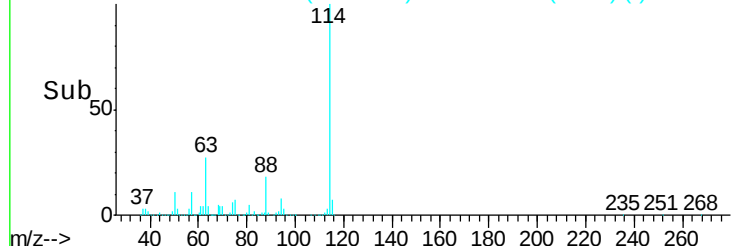
114 100

63 26.5 20.8 31.2

88 18.3 14.6 21.8



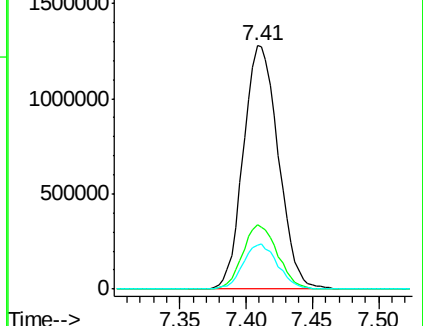
Scan 1966 (7.408 min): VL032007.D (-1815) (-)

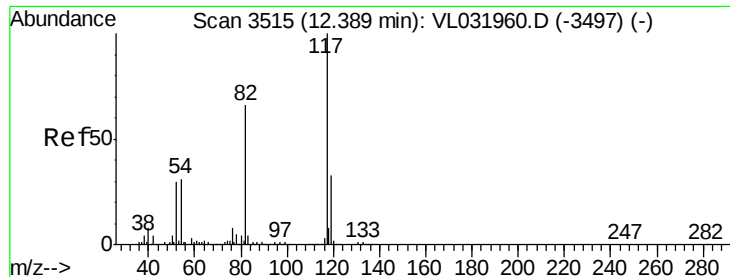


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

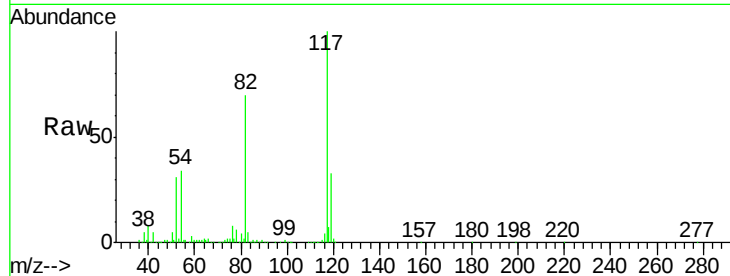




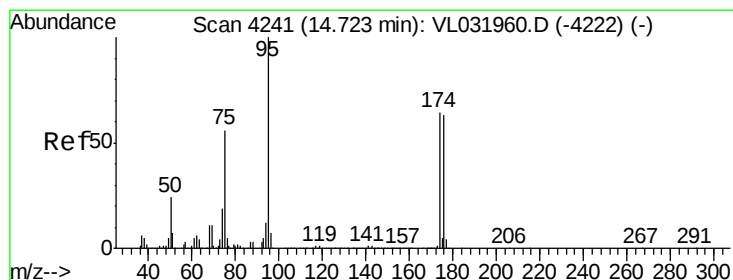
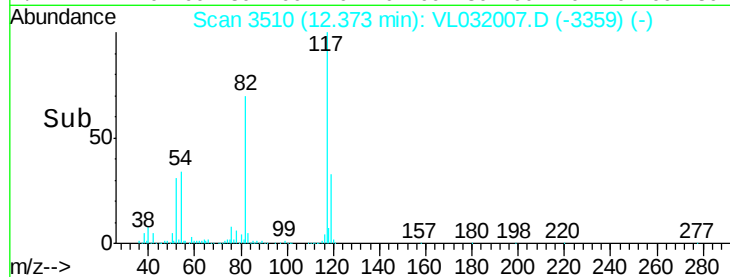
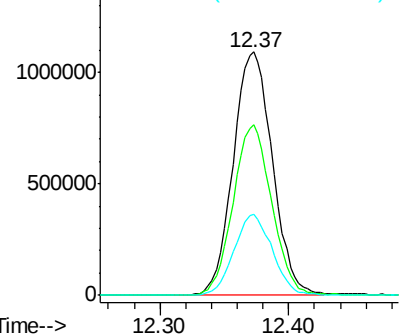
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.37 min Scan# 3510
Delta R.T. -0.02 min
Lab File: VL032007.D
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Tot Ion:117 Resp: 2316809
Ion Ratio Lower Upper
117 100
82 69.6 51.6 77.4
119 32.6 44.2 66.4#

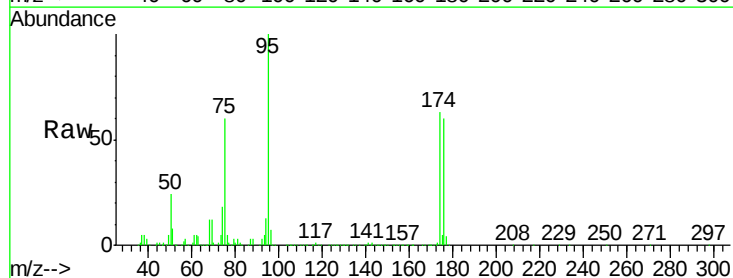


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): V
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.31 ppbv
RT: 14.71 min Scan# 4236
Delta R.T. -0.02 min
Lab File: VL032007.D
Acq: 16 May 2018 19:00

Tgt Ion: 95 Resp: 1851290
Ion Ratio Lower Upper
95 100
174 66.8 53.0 79.6
175 4.7 3.9 5.9



Abundance Ion 95.10 (94.80 to 95.80): V
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

