

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL060118\
Data File : VL032028.D
Acq On : 1 Jun 2018 19:39
Operator : SY/AP
Sample : QC051618 CAN 10308
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC051618 CAN 10308

Quant Time: Jun 02 02:26:31 2018
Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL053118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 01 02:31:35 2018
QLast Update : Fri Jun 01 02:31:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.86	49	1320605	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.40	114	2303081	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.36	117	2212102	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.70	95	1744393	10.21	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.10%

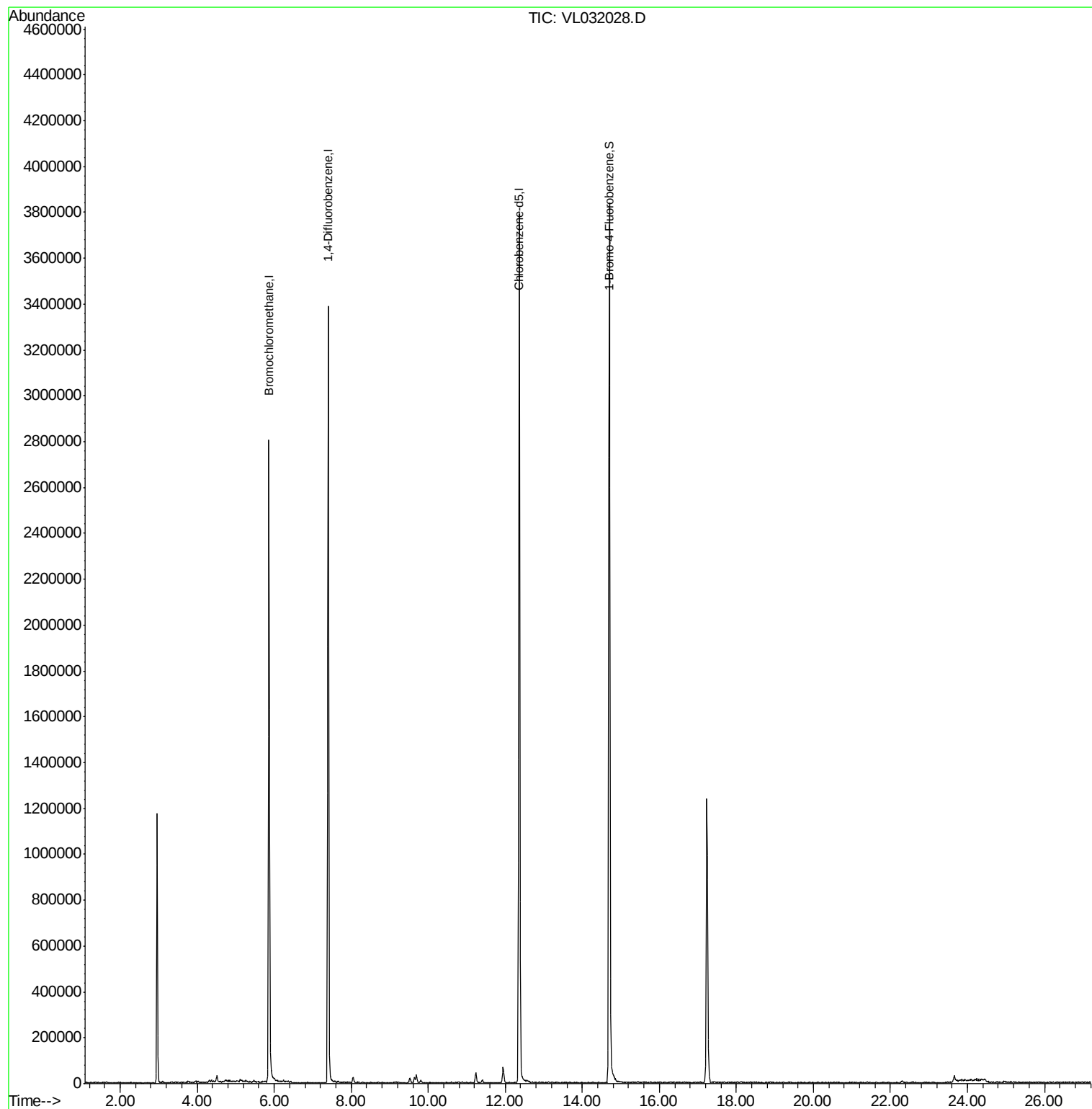
Target Compounds	Ovalue
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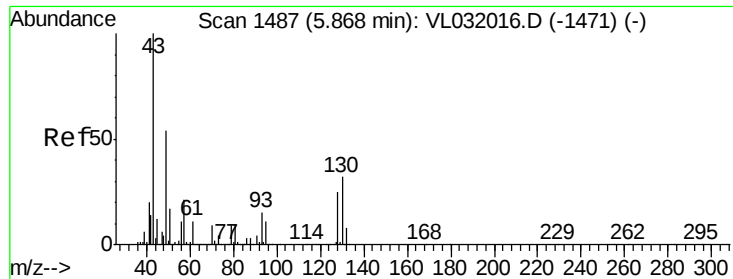
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_L
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QC051618 CAN 10308

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.86 min Scan# 1486

Delta R.T. -0.00 min

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MSVOA_L

ClientSampleId :

QC051618 CAN 10308

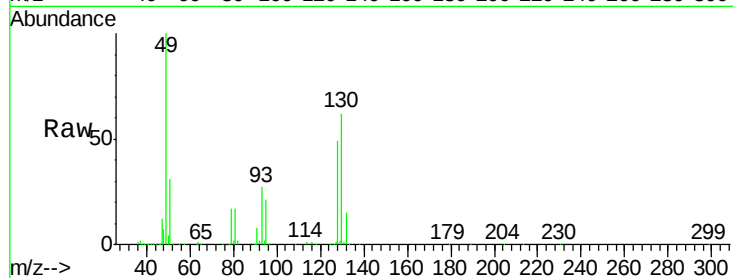
Tot Ion: 49 Resp: 1320605

Ion Ratio Lower Upper

49 100

128 49.9 24.1 72.3

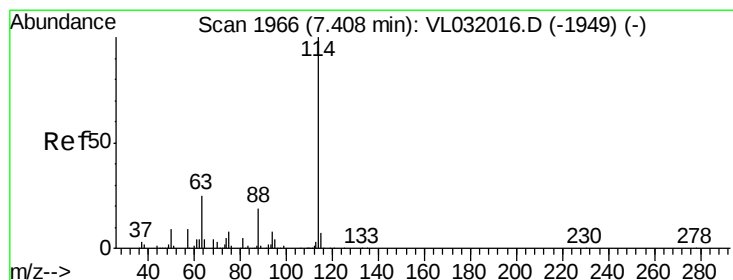
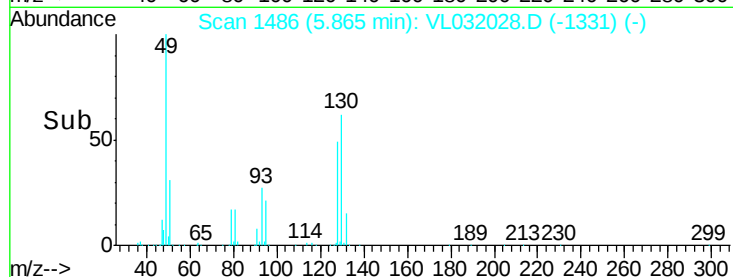
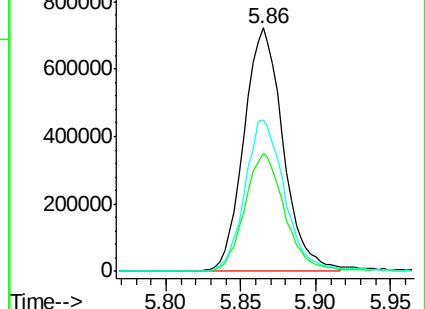
130 63.7 30.9 92.8



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: 7.40 min Scan# 1964

Delta R.T. -0.01 min

Lab File: VL032028.D

Acq: 1 Jun 2018 19:39

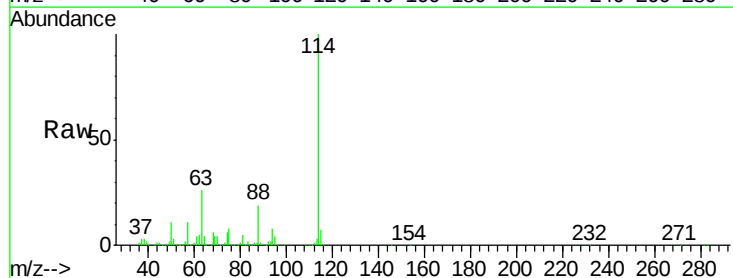
Tgt Ion: 114 Resp: 2303081

Ion Ratio Lower Upper

114 100

63 26.5 21.1 31.7

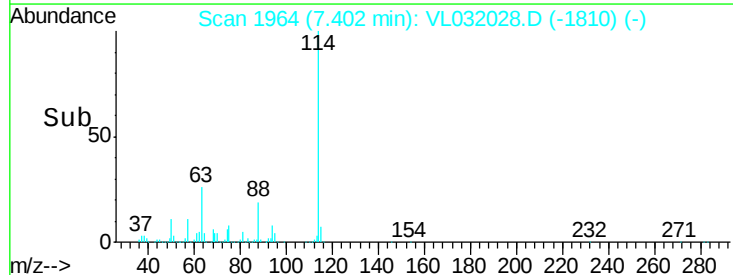
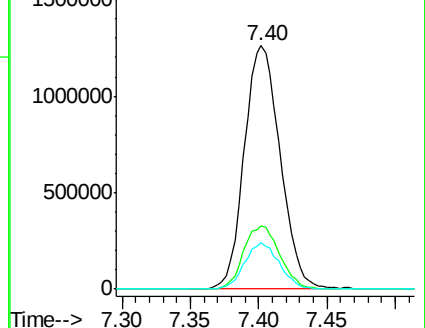
88 18.7 14.8 22.2

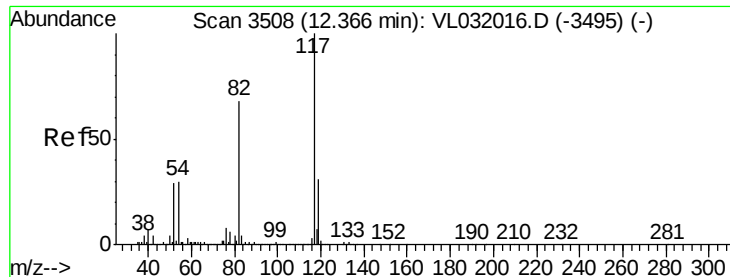


Abundance Ion 114.10 (113.80 to 114.80): VL0

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: 12.36 min Scan# 3507

Delta R.T. -0.00 min

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Acq: 1 Jun 2018 19:39

Instrument :

MSVOA_L

ClientSampleId :

QC051618 CAN 10308

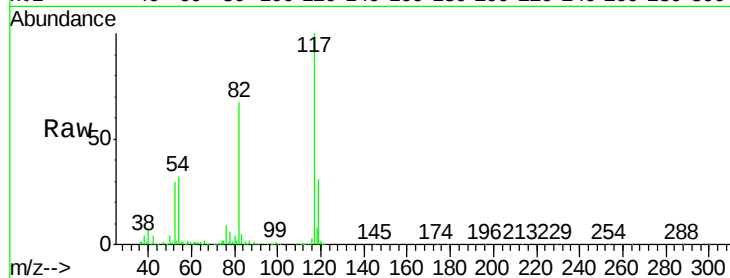
Tot Ion:117 Resp: 2212102

Ion Ratio Lower Upper

117 100

82 69.5 52.7 79.1

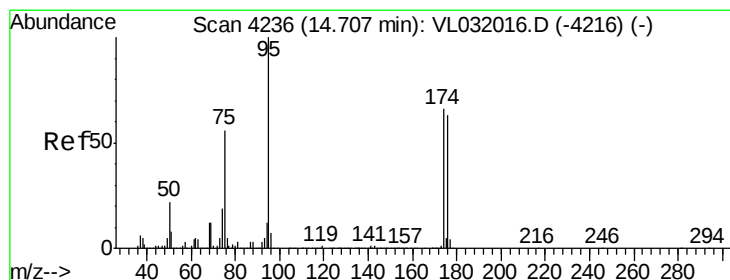
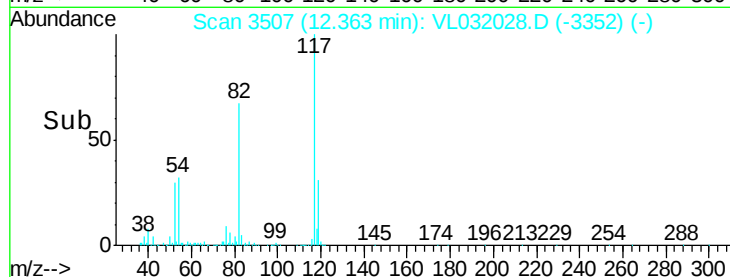
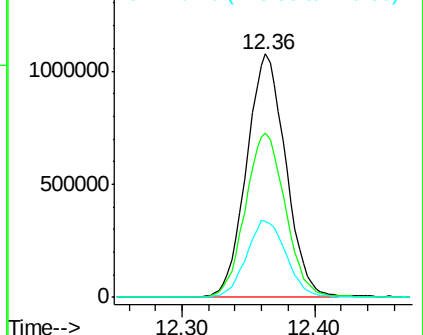
119 32.3 25.5 38.3



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#68

1-Bromo-4-Fluorobenzene

Concen: 10.21 ppbv

RT: 14.70 min Scan# 4233

Delta R.T. -0.01 min

Lab File: VL032028.D

Acq: 1 Jun 2018 19:39

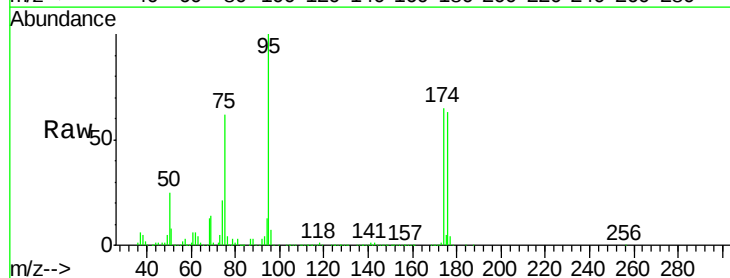
Tgt Ion: 95 Resp: 1744393

Ion Ratio Lower Upper

95 100

174 66.8 53.2 79.8

175 4.8 3.7 5.5



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

