

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031319\
Data File : VL033311.D
Acq On : 14 Mar 2019 11:35
Operator : SY/AP
Sample : QC031219 CAN 10060
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC031219 CAN 10060

Quant Time: Mar 15 08:54:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL031319AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Mar 14 00:01:31 2019
QLast Update : Thu Mar 14 00:01:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	729200	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1716459	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	1779864	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1393090	10.25	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.50%

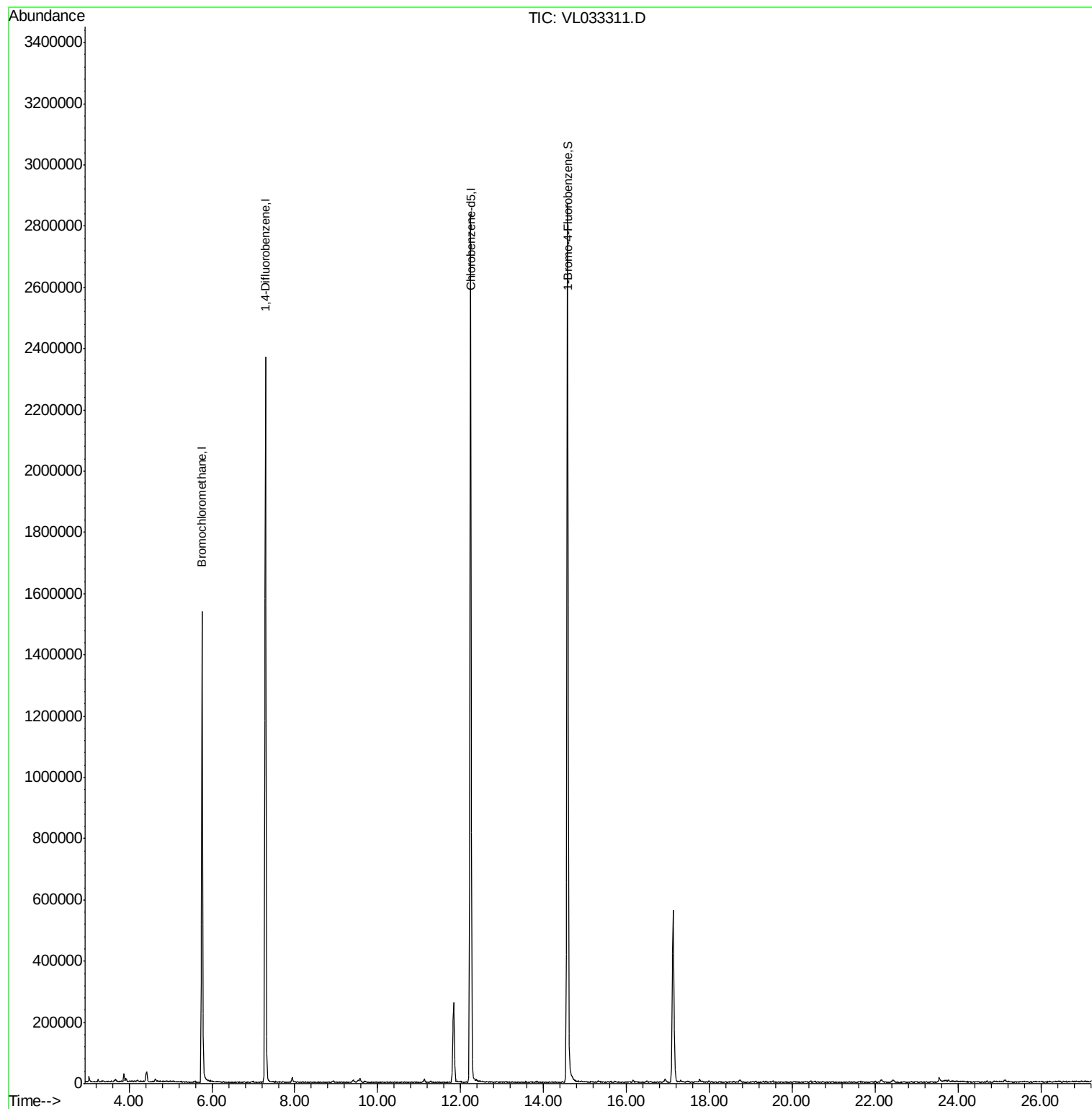
Target Compounds	Qvalue
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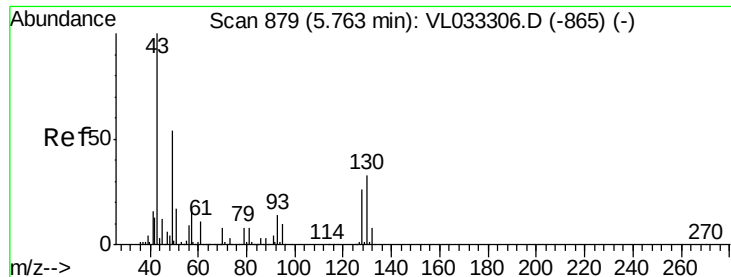
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 878

Delta R.T. -0.00 min

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MSVOA_L

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QC031219 CAN 10060

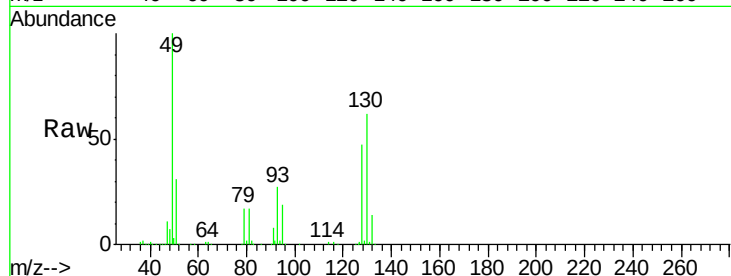
Tgt Ion: 49 Resp: 729200

Ion Ratio Lower Upper

49 100

128 47.3 23.4 70.3

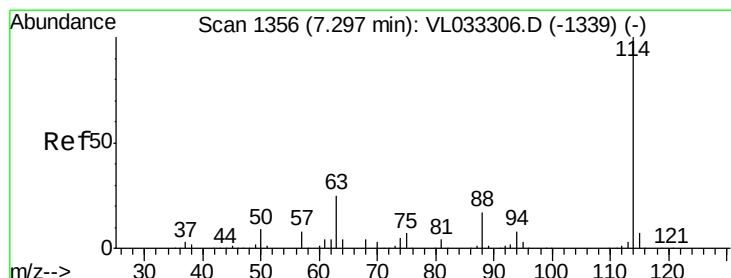
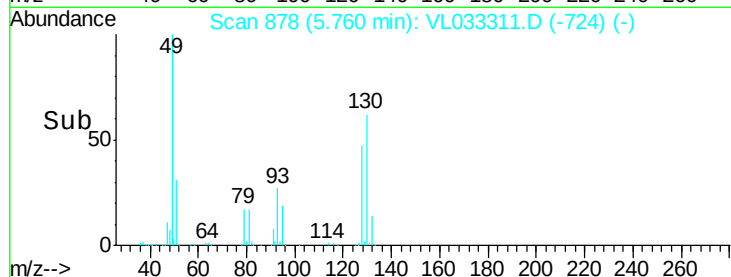
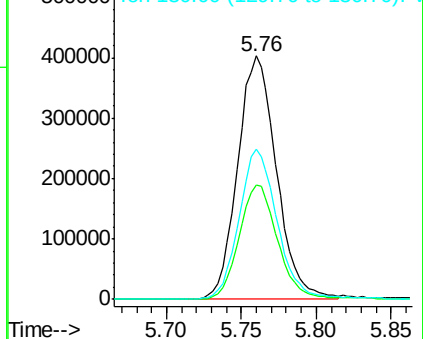
130 61.4 29.9 89.7



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: 10.000 ppbv

RT: 7.29 min Scan# 1354

Delta R.T. -0.01 min

Lab File: VL033311.D

Acq: 14 Mar 2019 11:35

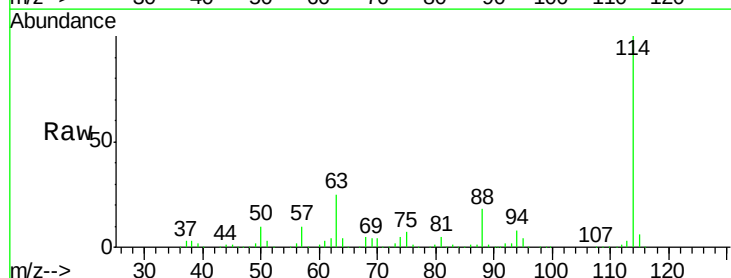
Tgt Ion: 114 Resp: 1716459

Ion Ratio Lower Upper

114 100

63 26.2 21.3 31.9

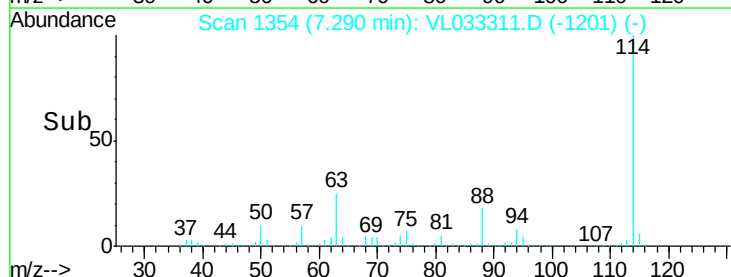
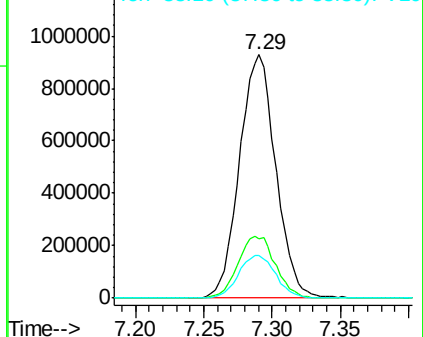
88 17.9 14.5 21.7

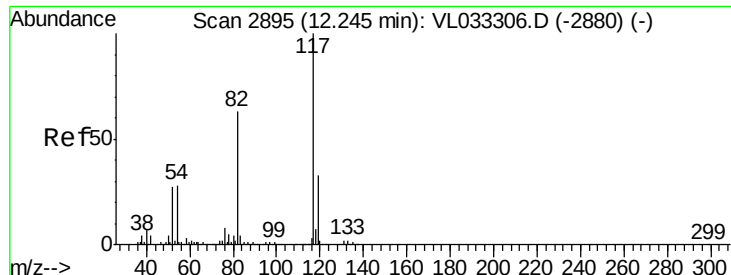


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.24 min Scan# 2893

Delta R.T. -0.00 min

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Instrument :

MSVOA_L

ClientSampleId :

QC031219 CAN 10060

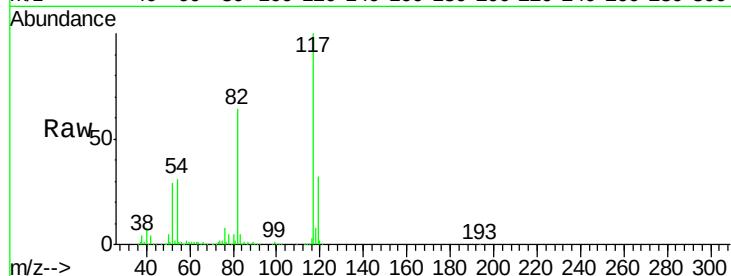
Tgt Ion:117 Resp: 1779864

Ion Ratio Lower Upper

117 100

82 67.4 51.3 76.9

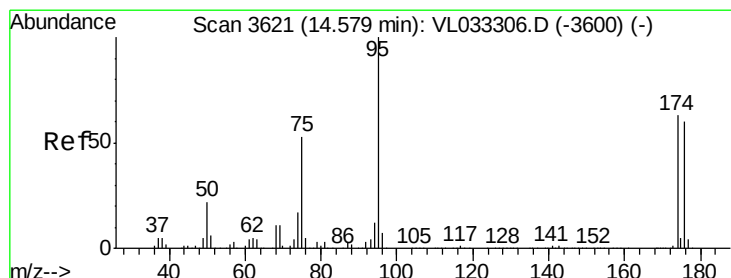
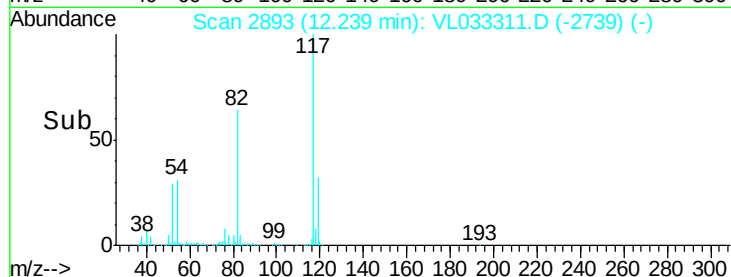
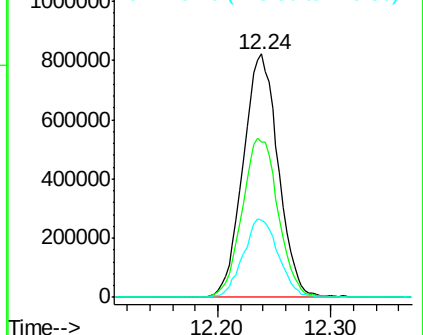
119 32.4 27.0 40.4



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: 10.249 ppbv

RT: 14.57 min Scan# 3619

Delta R.T. -0.01 min

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Acq: 14 Mar 2019 11:35

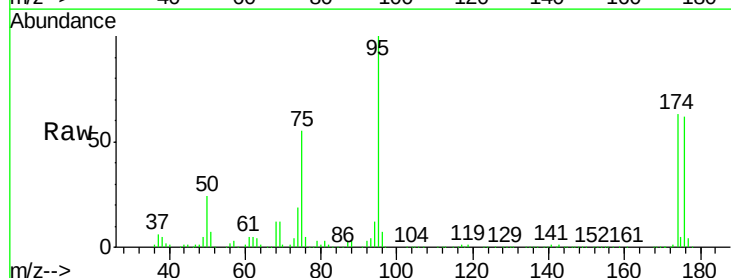
Tgt Ion: 95 Resp: 1393090

Ion Ratio Lower Upper

95 100

174 65.1 51.9 77.9

175 4.6 3.9 5.9



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

