

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL010419\
 Data File : VL033072.D
 Acq On : 4 Jan 2019 17:47
 Operator : SY/AP
 Sample : OC122718 CAN 10405
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC122718 CAN 10405

Quant Time: Jan 07 11:29:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL010419AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Jan 04 16:09:05 2019
 QLast Update : Fri Jan 04 16:09:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1069730	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2589036	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2485837	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1835333	9.63	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.30%

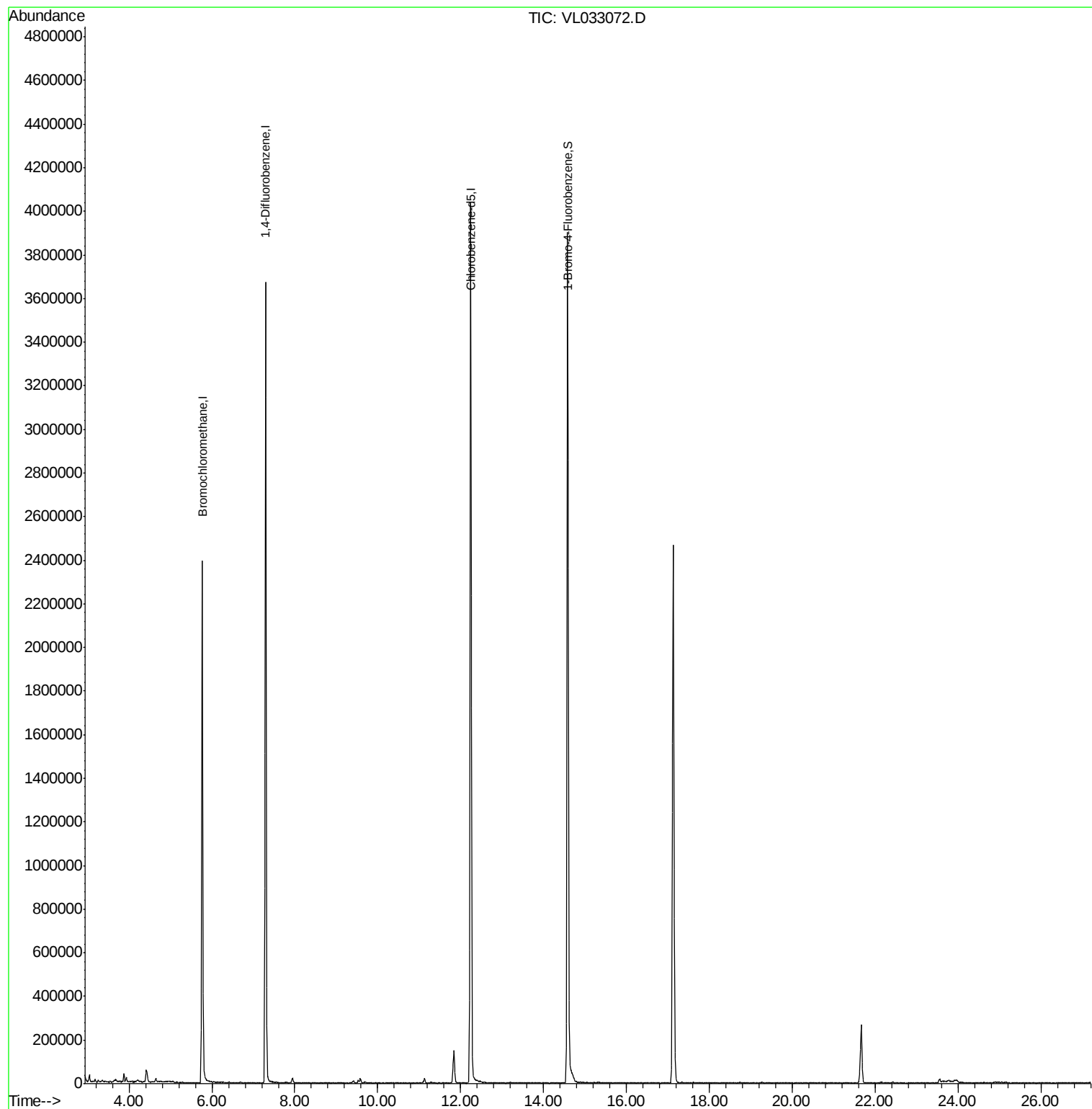
Target Compounds	Ovalue

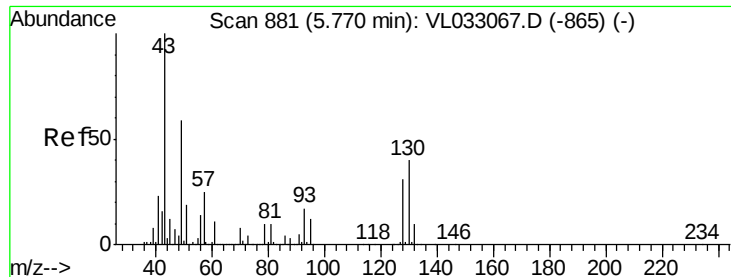
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 880

Delta R.T. 0.00 min

Lab File: VL033072.D

Acq: 4 Jan 2019 17:47

Instrument :

MSVOA_L

ClientSampleId :

QC122718 CAN 10405

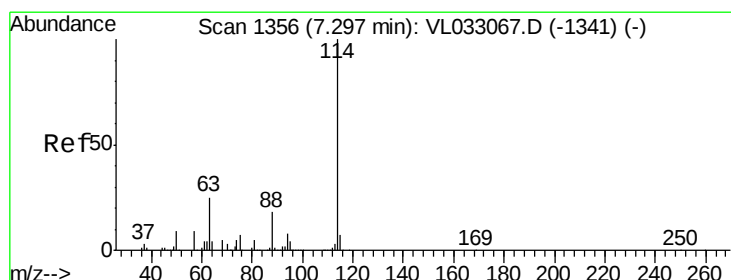
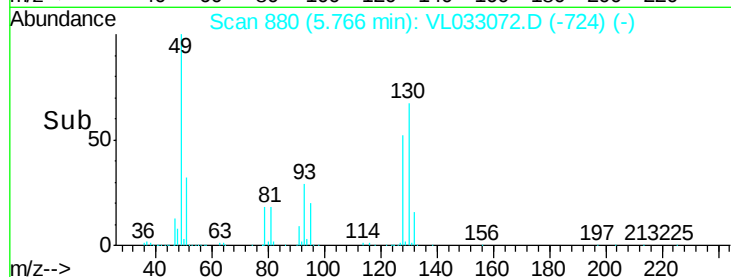
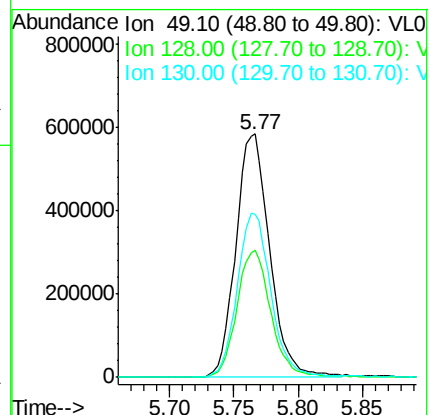
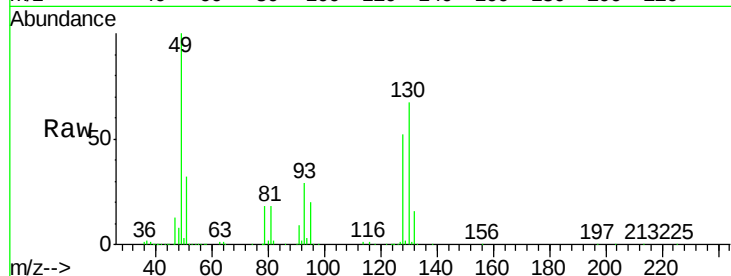
Tot Ion: 49 Resp: 1069730

Ion Ratio Lower Upper

49 100

128 52.8 26.2 78.5

130 67.7 33.6 100.6



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.29 min Scan# 1355

Delta R.T. -0.00 min

Lab File: VL033072.D

Acq: 4 Jan 2019 17:47

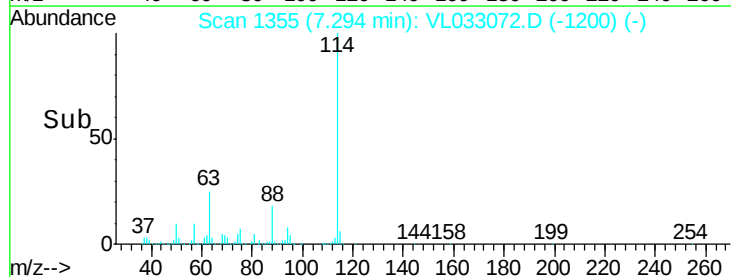
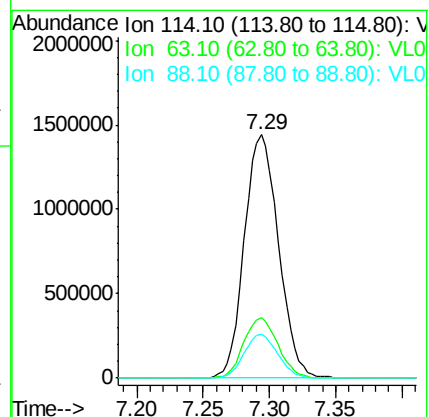
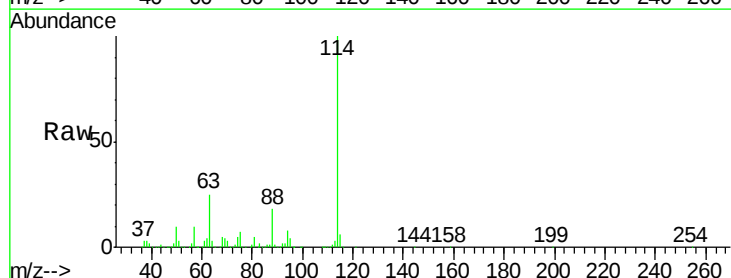
Tgt Ion: 114 Resp: 2589036

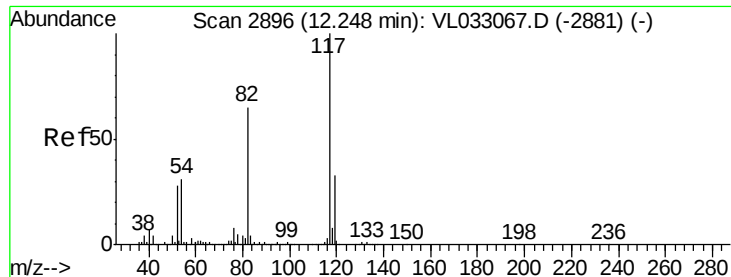
Ion Ratio Lower Upper

114 100

63 24.7 20.1 30.1

88 17.7 14.0 21.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.24 min Scan# 2894

Delta R.T. -0.01 min

Lab File: VL033072.D

Acq: 4 Jan 2019 17:47

Instrument :

MSVOA_L

ClientSampleId :

QC122718 CAN 10405

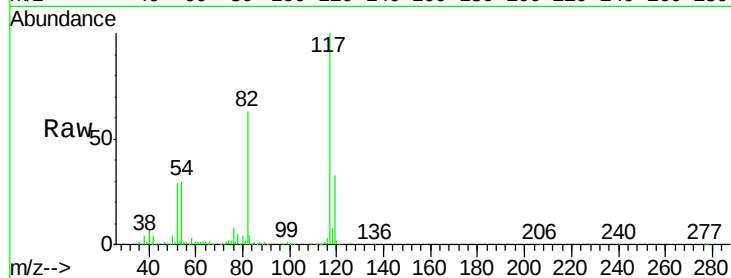
Tot Ion:117 Resp: 2485837

Ion Ratio Lower Upper

117 100

82 64.2 48.9 73.3

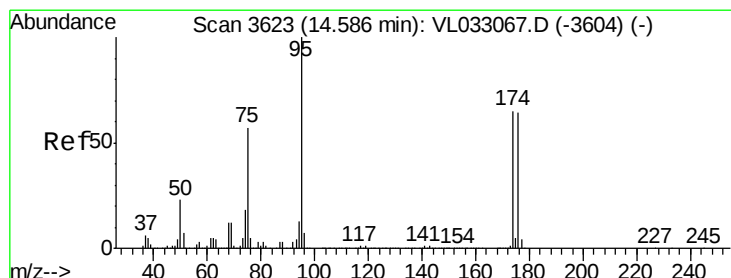
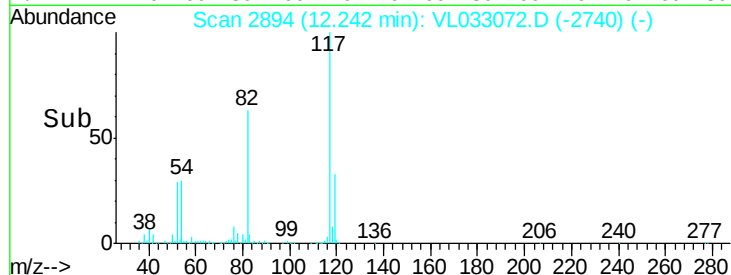
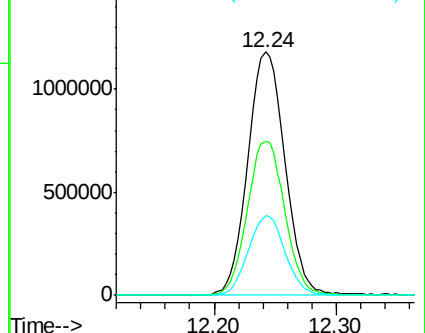
119 32.5 24.6 37.0



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: 9.632 ppbv

RT: 14.58 min Scan# 3621

Delta R.T. -0.01 min

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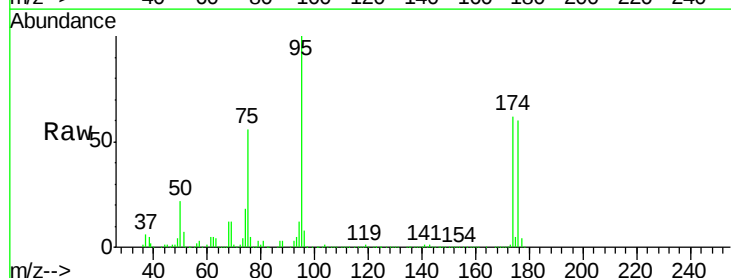
Tgt Ion: 95 Resp: 1835333

Ion Ratio Lower Upper

95 100

174 65.9 51.9 77.9

175 4.8 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

