

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051719\
Data File : VL033708.D
Acq On : 17 May 2019 7:50
Operator : SY/AP
Sample : VL0517ABL01
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0517ABL01

Quant Time: May 17 23:26:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051719AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri May 17 08:15:41 2019
QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	1192806	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2844877	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2724103	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	2171845	9.83	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.30%

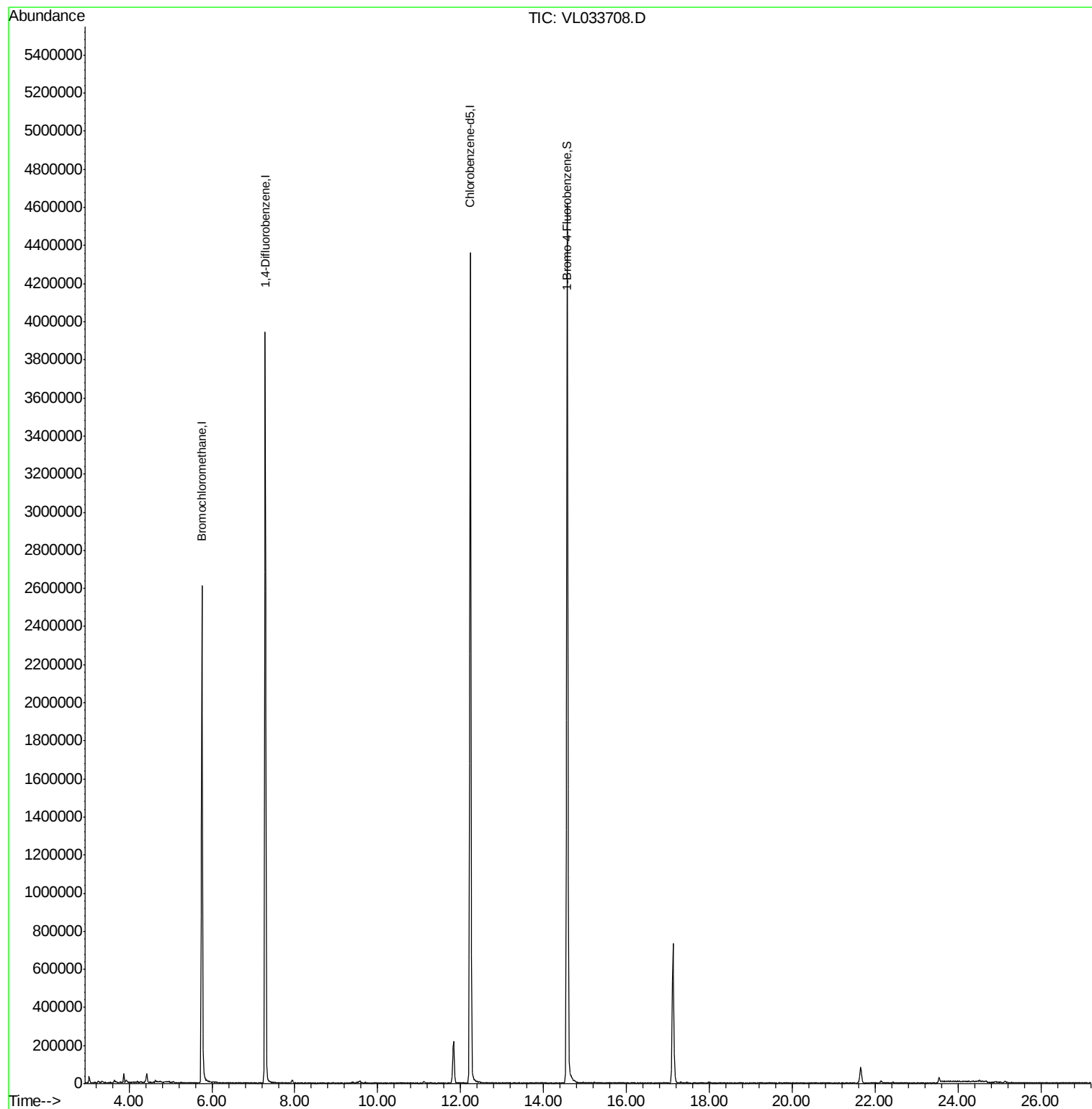
Target Compounds	Ovalue
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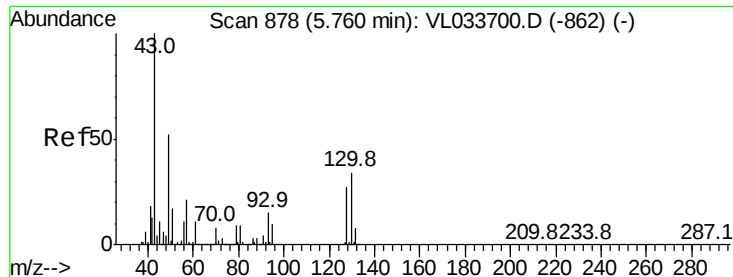
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 877

Delta R.T. -0.00 min

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Instrument :

MSVOA_L

ClientSampleId :

VL0517ABL01

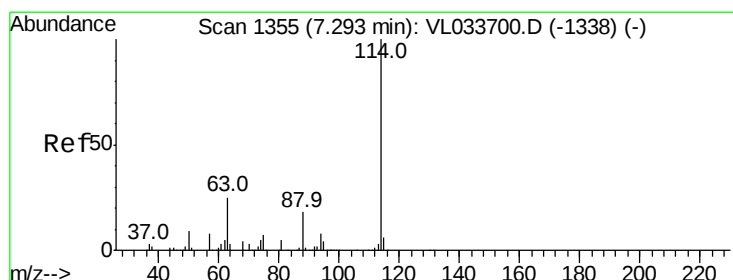
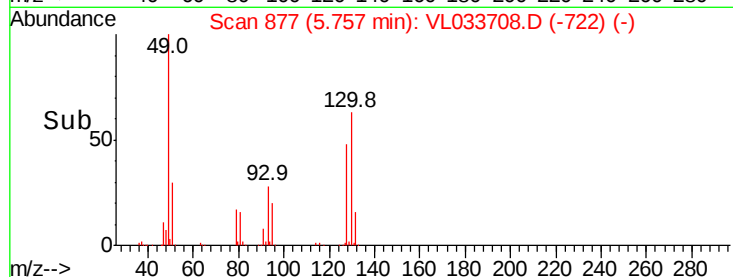
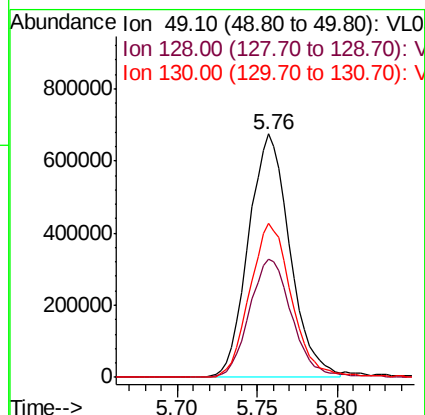
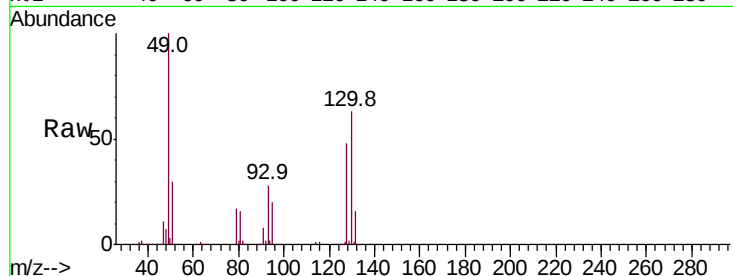
Tot Ion: 49 Resp: 1192806

Ion Ratio Lower Upper

49 100

128 50.5 25.2 75.6

130 64.4 32.5 97.5



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.29 min Scan# 1353

Delta R.T. -0.01 min

Lab File: VL033708.D

Acq: 17 May 2019 7:50

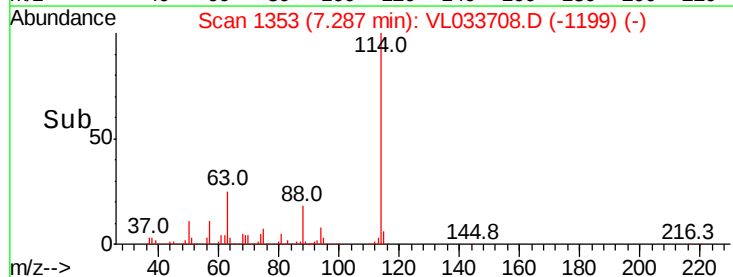
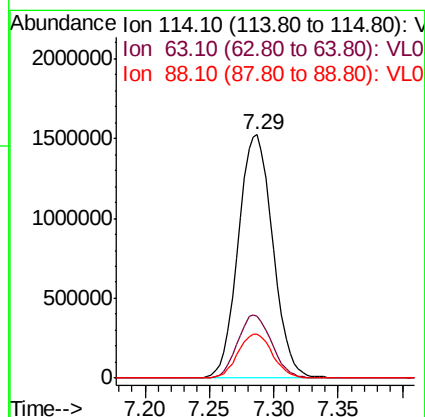
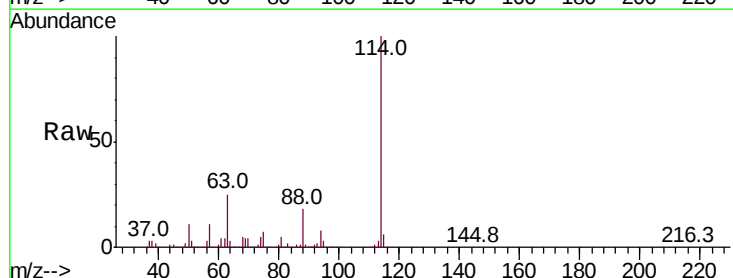
Tgt Ion: 114 Resp: 2844877

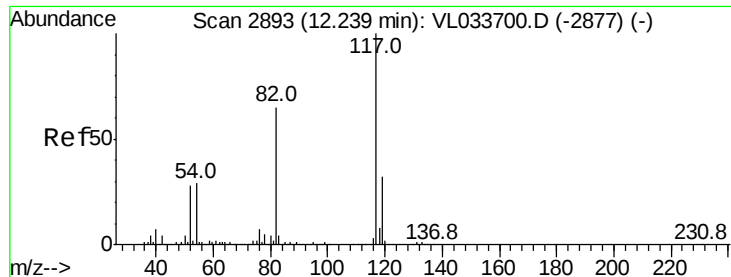
Ion Ratio Lower Upper

114 100

63 25.8 20.9 31.3

88 18.1 14.3 21.5

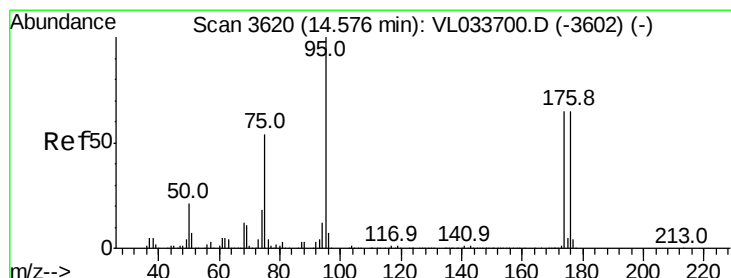
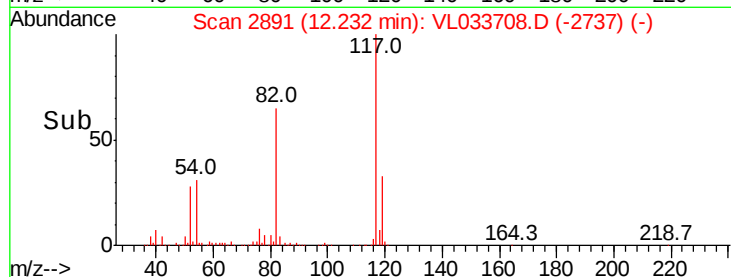
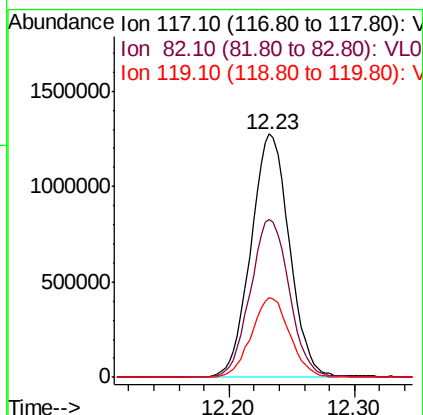
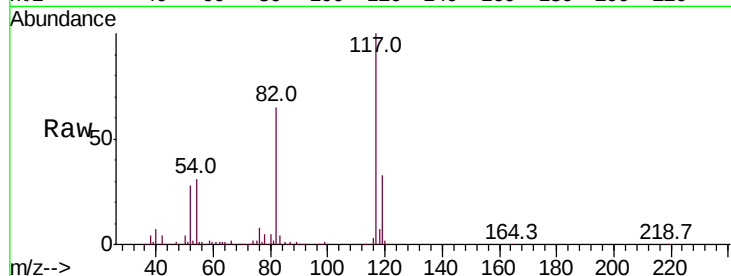




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2891
Delta R.T. -0.01 min
Lab File: VL033708.D
Acq: 17 May 2019 7:50

Instrument :
MSVOA_L
ClientSampleId :
VL0517ABL01

Tot Ion:117 Resp: 2724103
Ion Ratio Lower Upper
117 100
82 66.5 49.4 74.0
119 33.0 24.9 37.3



#68
1-Bromo-4-Fluorobenzene
Concen: 9.835 ppbv
RT: 14.57 min Scan# 3618
Delta R.T. -0.01 min
Lab File: VL033708.D
Acq: 17 May 2019 7:50

Tgt Ion: 95 Resp: 2171845
Ion Ratio Lower Upper
95 100
174 68.2 53.9 80.9
175 4.9 3.8 5.8

