

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052319\
Data File : VL033790.D
Acq On : 24 May 2019 2:03
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: May 24 07:22:35 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	998994	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	2540431	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2452600	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1980541	9.96	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.60%

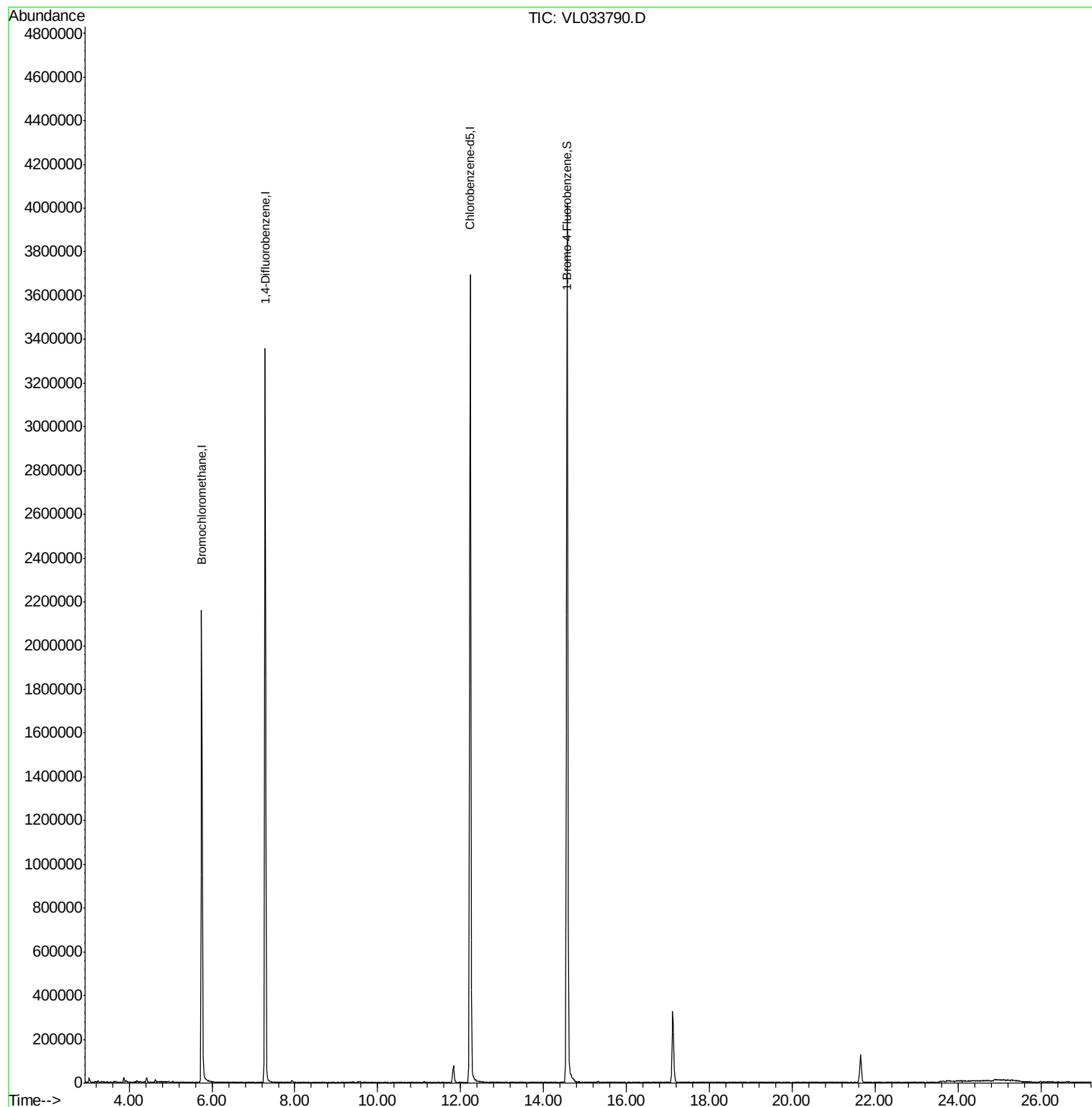
Target Compounds	Ovalue
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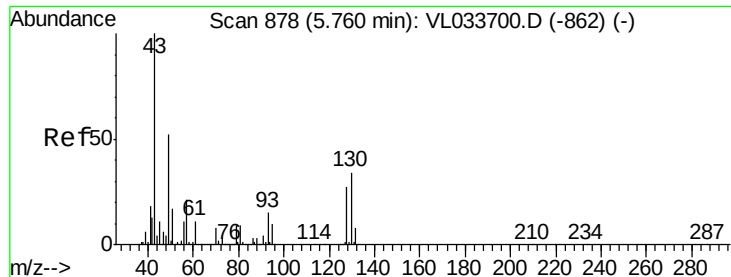
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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VIBLK

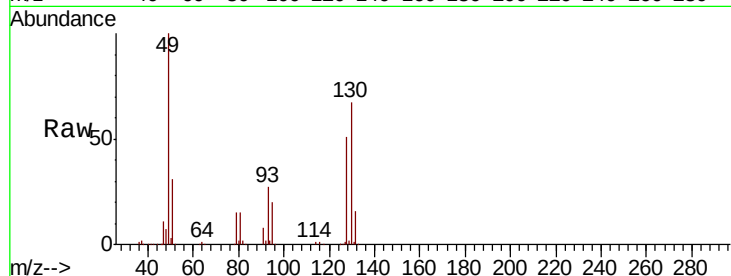
Tot Ion: 49 Resp: 998994

Ion Ratio Lower Upper

49 100

128 53.3 25.2 75.6

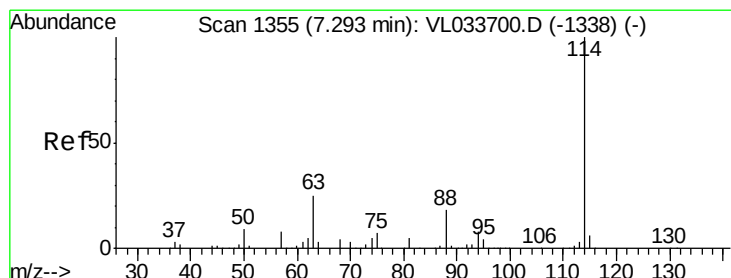
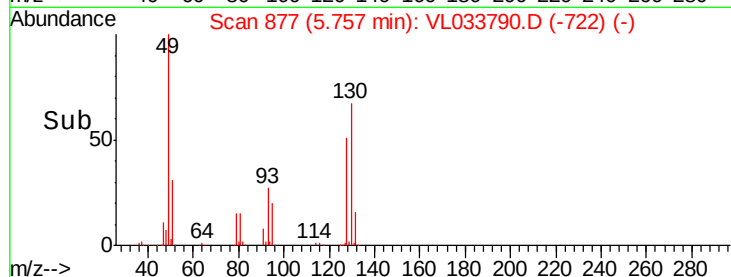
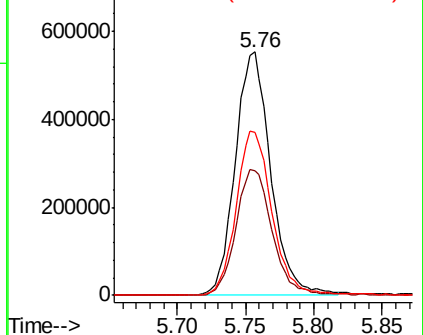
130 68.9 32.5 97.5



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: 7.28 min Scan# 1352

Delta R.T. -0.01 min

Lab File: VL033790.D

Acq: 24 May 2019 2:03

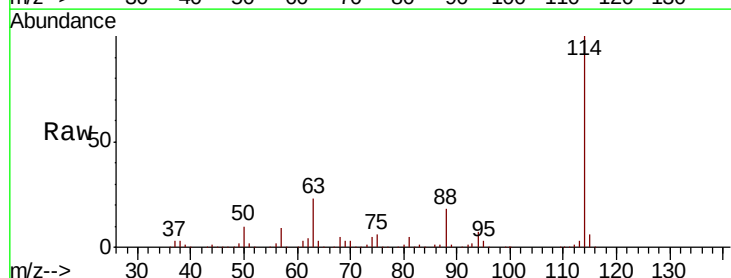
Tgt Ion: 114 Resp: 2540431

Ion Ratio Lower Upper

114 100

63 23.7 20.9 31.3

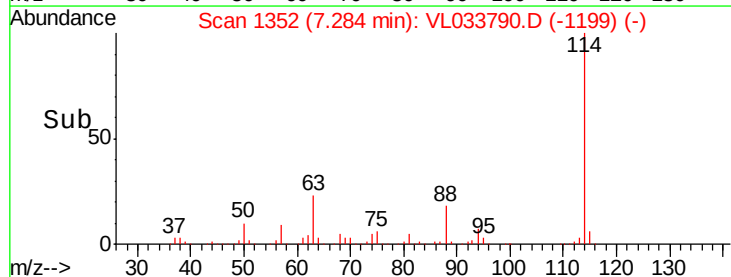
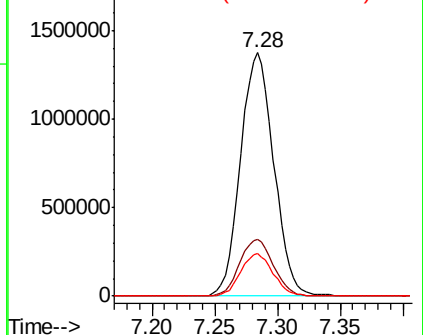
88 17.2 14.3 21.5

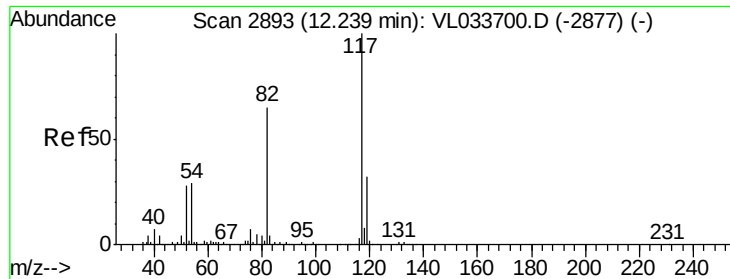


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

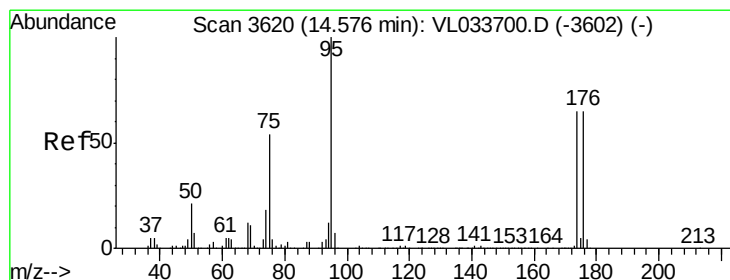
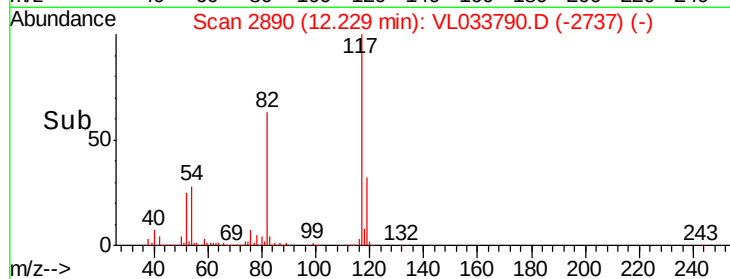
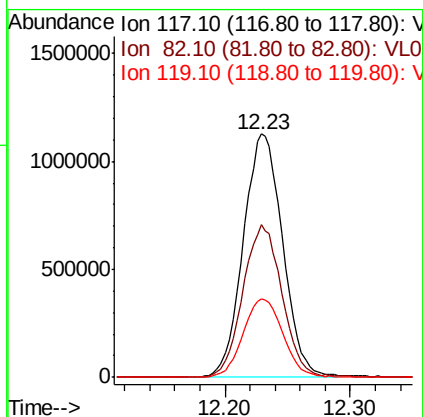
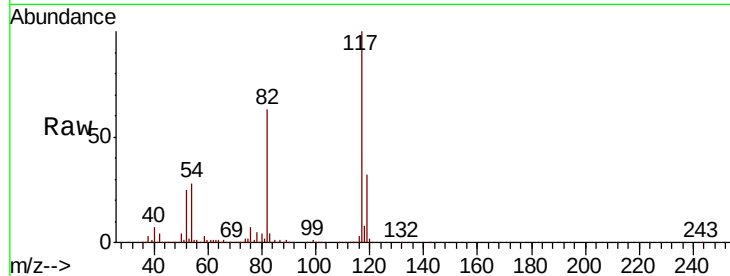




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2890
Delta R.T. -0.01 min
Lab File: VL033790.D
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Tot Ion:117 Resp: 2452600
Ion Ratio Lower Upper
117 100
82 62.9 49.4 74.0
119 32.6 24.9 37.3



#68
1-Bromo-4-Fluorobenzene
Concen: 9.961 ppbv
RT: 14.57 min Scan# 3618
Delta R.T. -0.01 min
Lab File: VL033790.D
Acq: 24 May 2019 2:03

Tgt Ion: 95 Resp: 1980541
Ion Ratio Lower Upper
95 100
174 70.6 53.9 80.9
175 4.9 3.8 5.8

