

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL031819\
 Data File : VL033380.D
 Acq On : 19 Mar 2019 5:11
 Operator : SY/AP
 Sample : K1805-04DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ST-SS-1DL

Quant Time: Mar 19 10:22:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL031519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Mar 15 14:52:14 2019
 QLast Update : Fri Mar 15 14:52:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	812962	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1777087	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.24	117	1749097	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1332598	10.28	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.80%

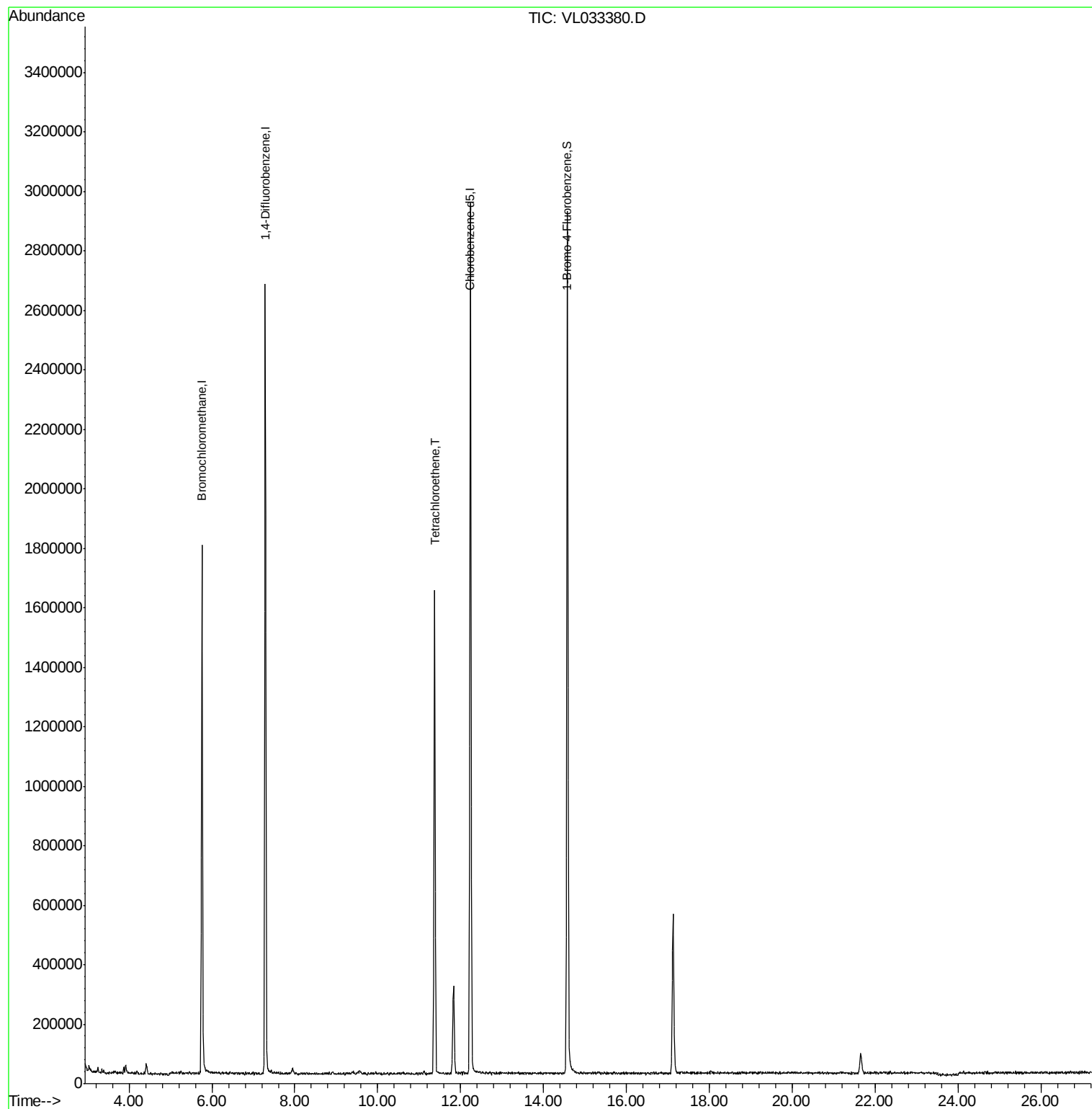
Target Compounds					Ovalue
52) Tetrachloroethene	11.37	164	380884	5.749 ppbv	98

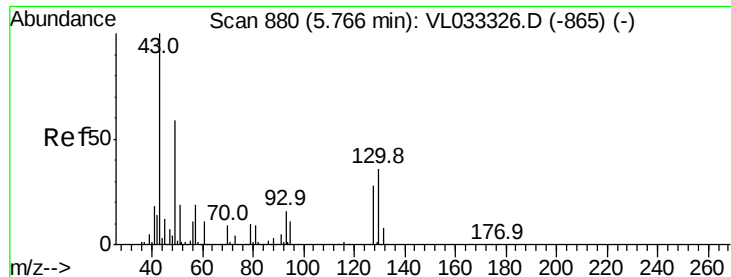
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 15 14:52:14 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 877

Delta R.T. -0.01 min

Lab File: VL033380.D

Acq: 19 Mar 2019 5:11

Instrument :

MSVOA_L

ClientSampleId :

ST-SS-1DL

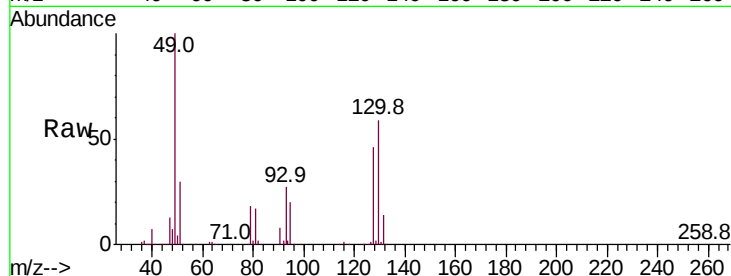
Tot Ion: 49 Resp: 812962

Ion Ratio Lower Upper

49 100

128 47.5 23.5 70.6

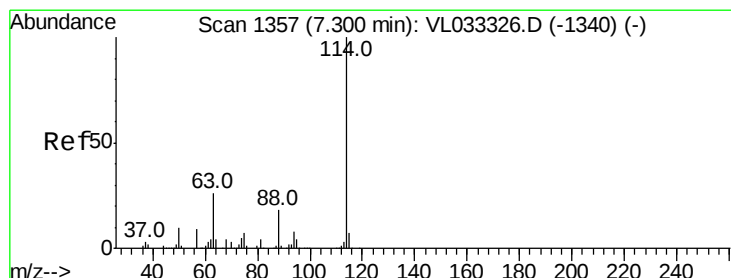
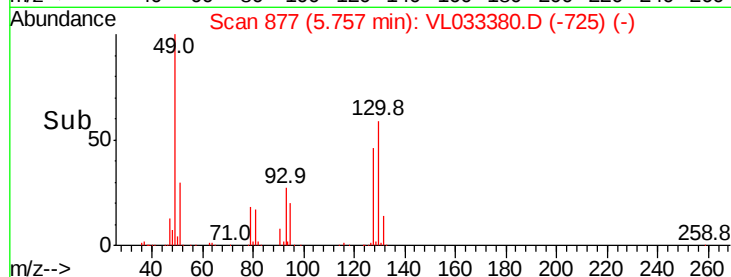
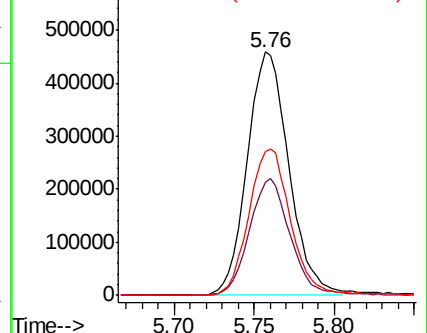
130 61.2 30.1 90.3



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# 1353

Delta R.T. -0.01 min

Lab File: VL033380.D

Acq: 19 Mar 2019 5:11

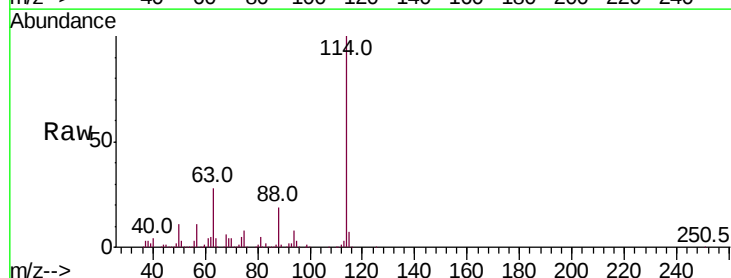
Tgt Ion: 114 Resp: 1777087

Ion Ratio Lower Upper

114 100

63 27.7 21.4 32.2

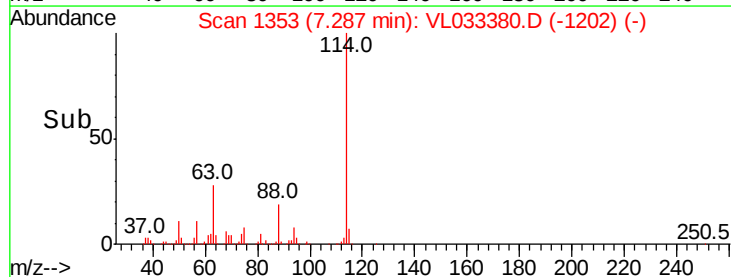
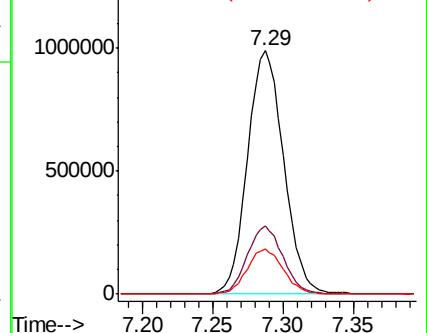
88 18.4 14.5 21.7

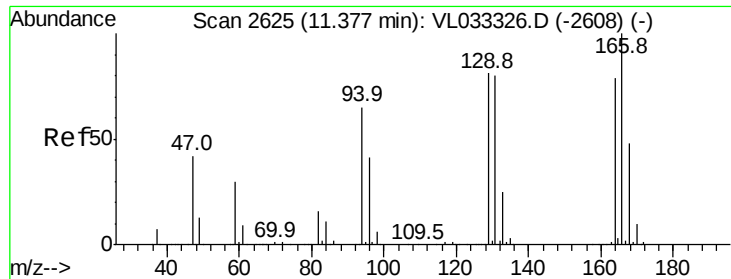


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

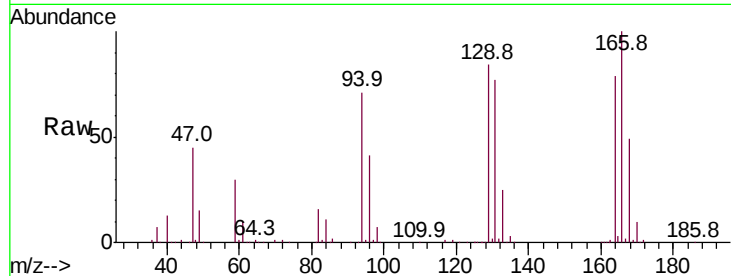




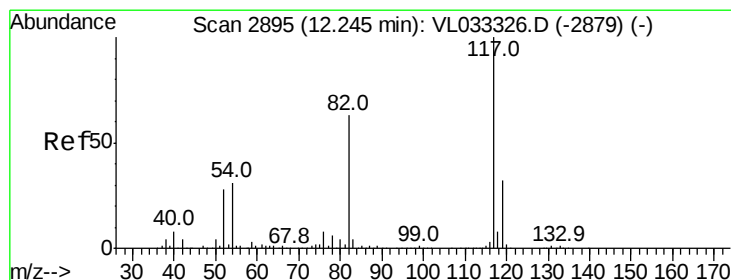
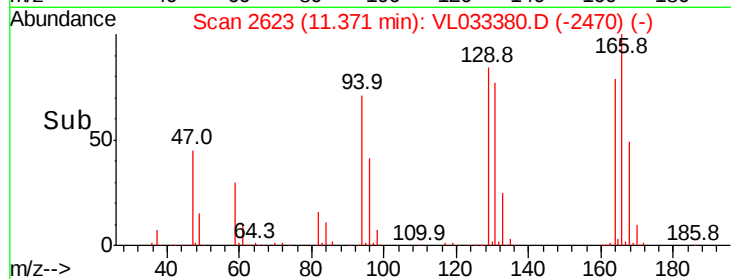
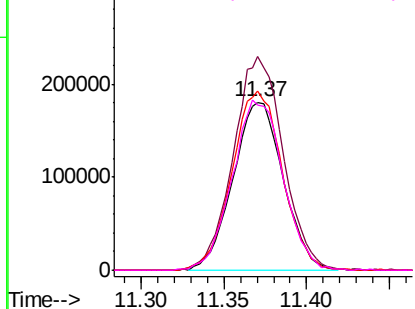
#52
Tetrachloroethene
Concen: 5.749 ppbv
RT: 11.37 min Scan# 2623
Delta R.T. -0.01 min
Lab File: VL033380.D
Acq: 19 Mar 2019 5:11

Instrument :
MSVOA_L
ClientSampleId :
ST-SS-1DL

Tot Ion:164 Resp: 380884
Ion Ratio Lower Upper
164 100
166 126.4 101.5 152.3
129 106.1 82.2 123.2
131 97.3 81.1 121.7

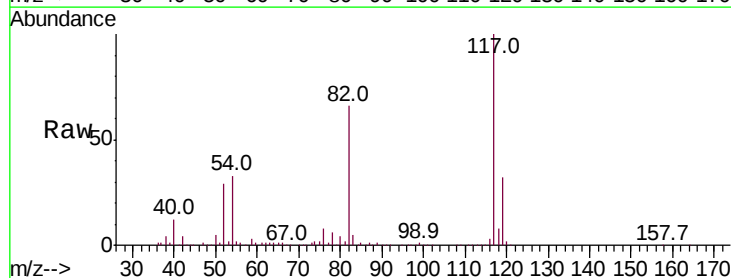


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 165.90 (165.60 to 166.60): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V

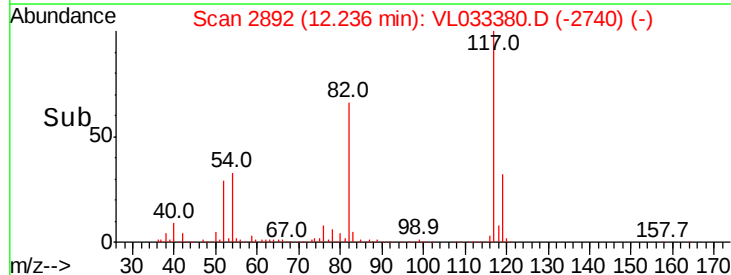
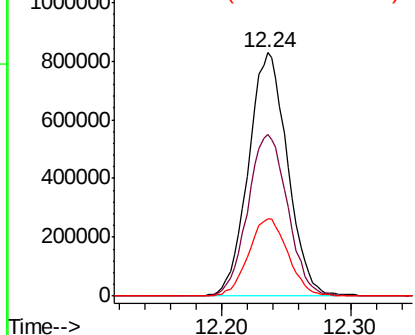


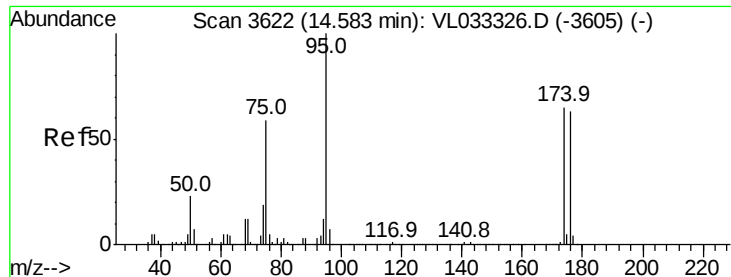
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL033380.D
Acq: 19 Mar 2019 5:11

Tgt Ion:117 Resp: 1749097
Ion Ratio Lower Upper
117 100
82 68.1 53.4 80.2
119 32.2 27.3 40.9



Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): V
Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.282 ppbv

RT: 14.57 min Scan# 3619

Delta R.T. -0.01 min

Lab File: VL033380.D

Acq: 19 Mar 2019 5:11

Instrument :

MSVOA_L

ClientSampleId :

ST-SS-1DL

Tot Ion: 95 Resp: 1332598

Ion Ratio Lower Upper

95 100

174 64.7 51.5 77.3

175 4.7 3.8 5.6

