

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032019\
 Data File : VL033414.D
 Acq On : 21 Mar 2019 8:58
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Mar 22 06:55:00 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	698795	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	1633891	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.24	117	2390830	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1192705	6.73	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	67.30%

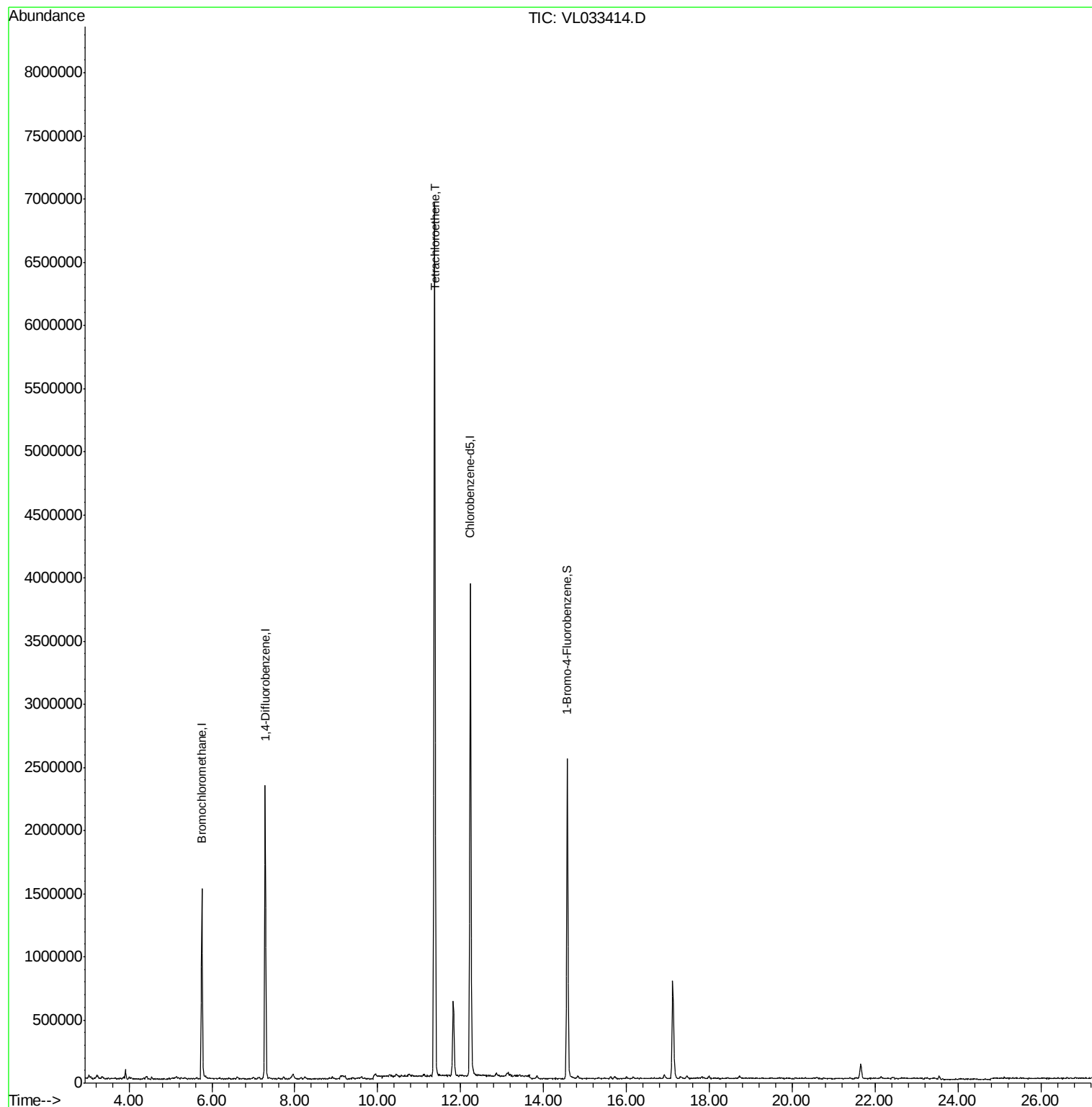
Target Compounds					Ovalue
52) Tetrachloroethene	11.37	164	1720076	28.236	ppbv 96

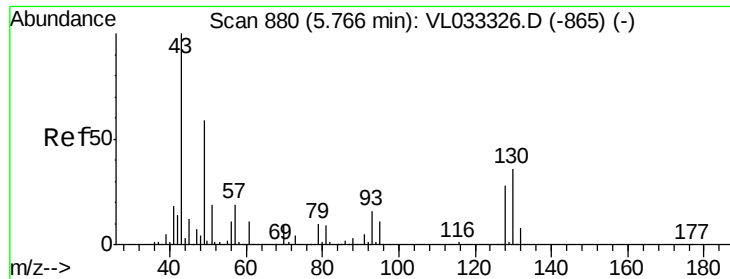
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VL033414.D

Acq: 21 Mar 2019 8:58

Instrument :

MSVOA_L

ClientSampled :

VIBLK

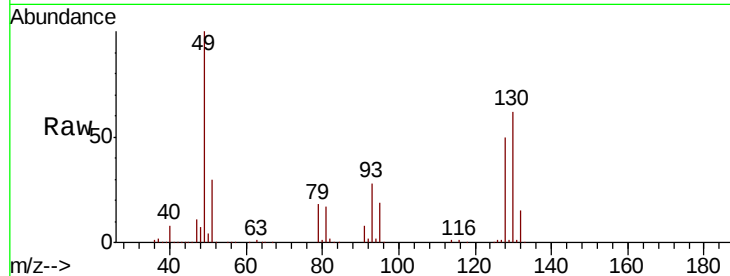
Tot Ion: 49 Resp: 698795

Ion Ratio Lower Upper

49 100

128 48.1 23.5 70.6

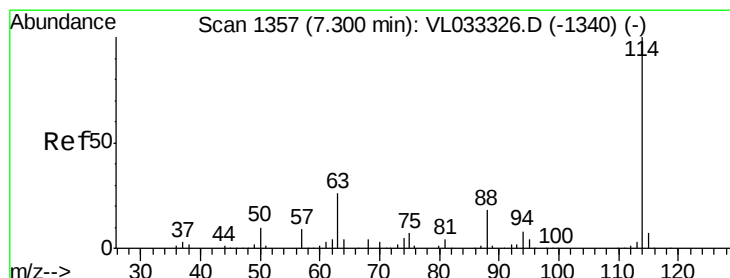
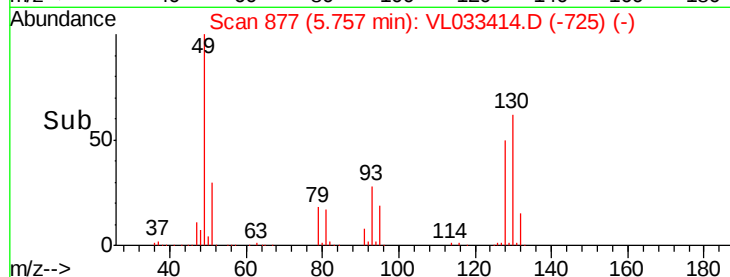
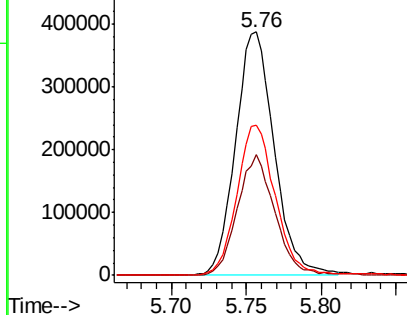
130 62.0 30.1 90.3



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.28 min Scan# 1352

Delta R.T. -0.02 min

Lab File: VL033414.D

Acq: 21 Mar 2019 8:58

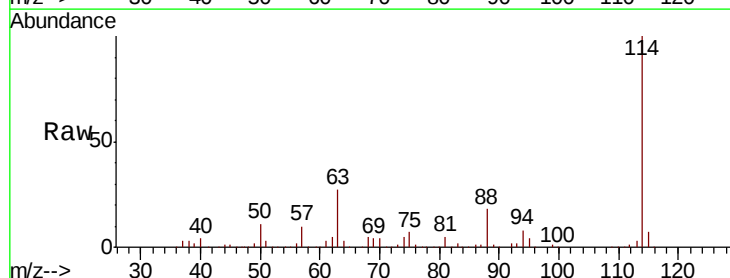
Tgt Ion: 114 Resp: 1633891

Ion Ratio Lower Upper

114 100

63 26.3 21.4 32.2

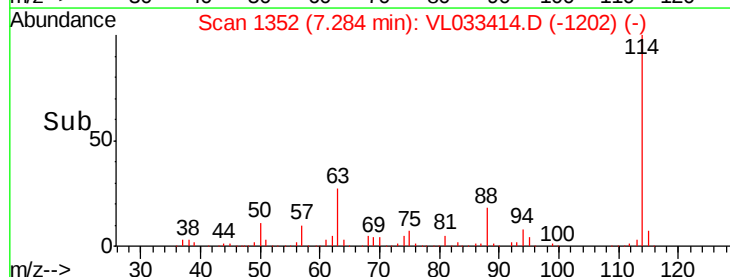
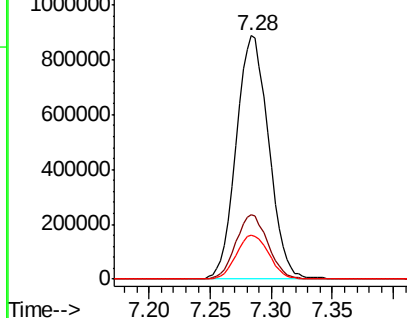
88 18.1 14.5 21.7

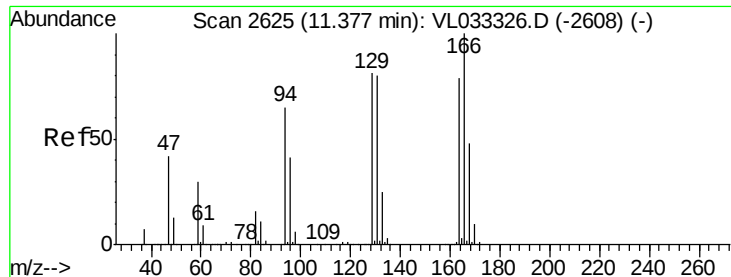


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0





#52

Tetrachloroethene

Concen: 28.236 ppbv

RT: 11.37 min Scan# 2623

Delta R.T. -0.01 min

Lab File: VL033414.D

Acq: 21 Mar 2019 8:58

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tot Ion:164 Resp: 1720076

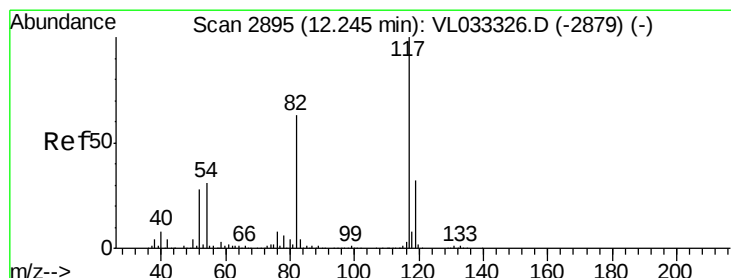
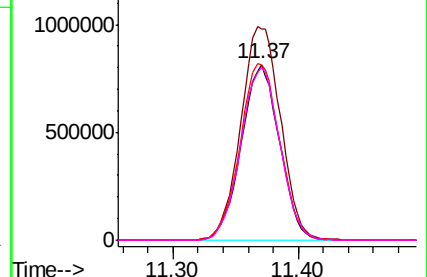
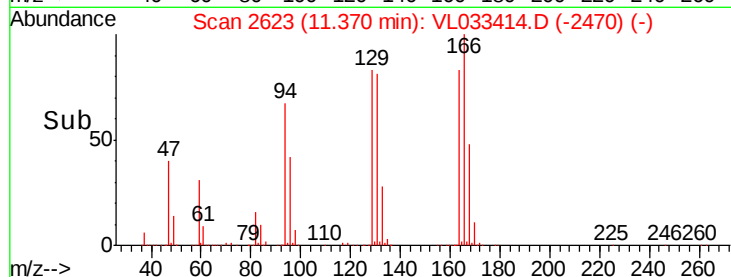
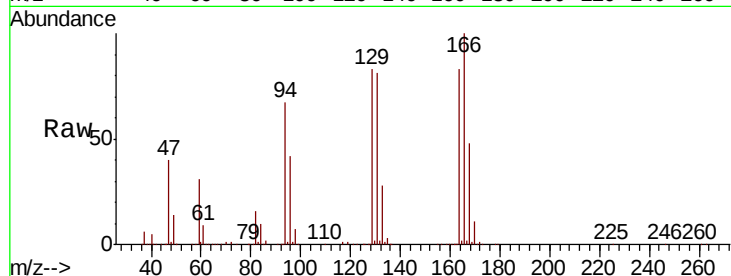
Ion Ratio Lower Upper

164 100

166 120.3 101.5 152.3

129 99.8 82.2 123.2

131 98.1 81.1 121.7



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.24 min Scan# 2892

Delta R.T. -0.01 min

Lab File: VL033414.D

Acq: 21 Mar 2019 8:58

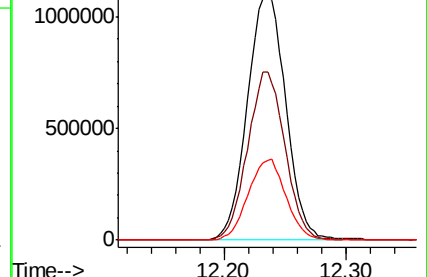
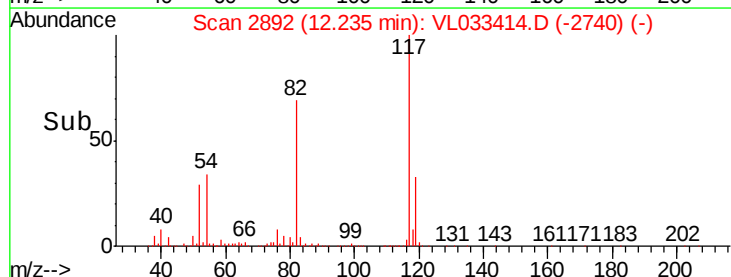
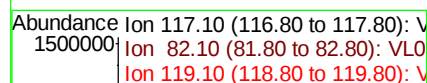
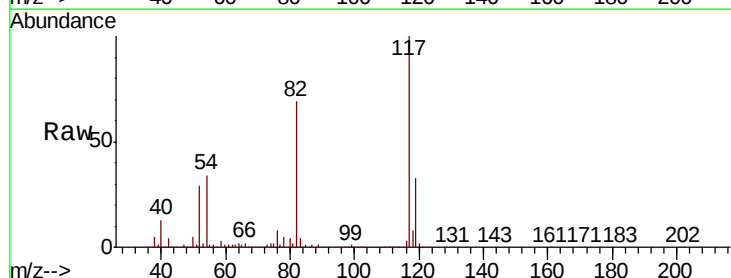
Tgt Ion:117 Resp: 2390830

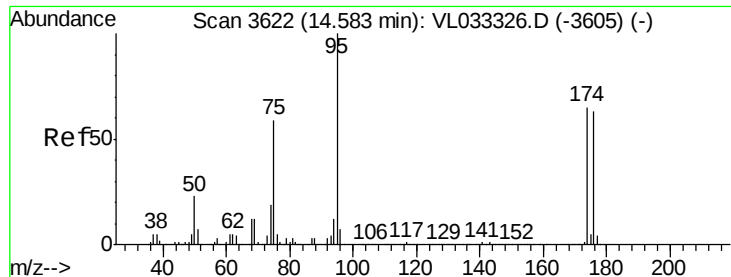
Ion Ratio Lower Upper

117 100

82 67.2 53.4 80.2

119 32.4 27.3 40.9





#68

1-Bromo-4-Fluorobenzene

Concen: 6.732 ppbv

RT: 14.57 min Scan# 3619

Delta R.T. -0.01 min

Lab File: VL033414.D

Acq: 21 Mar 2019 8:58

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tot Ion: 95 Resp: 1192705

Ion Ratio Lower Upper

95 100

174 65.2 51.5 77.3

175 4.6 3.8 5.6

