

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL100318\
 Data File : VL032589.D
 Acq On : 3 Oct 2018 21:20
 Operator : SY/AP
 Sample : J5094-09DL 100X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CSS-1DL

Quant Time: Oct 04 18:40:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL092418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 01 06:49:26 2018
 QLast Update : Mon Oct 01 06:49:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.79	49	1092260	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.32	114	2660895	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.27	117	2891447	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.61	95	2039083	9.35	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.50%

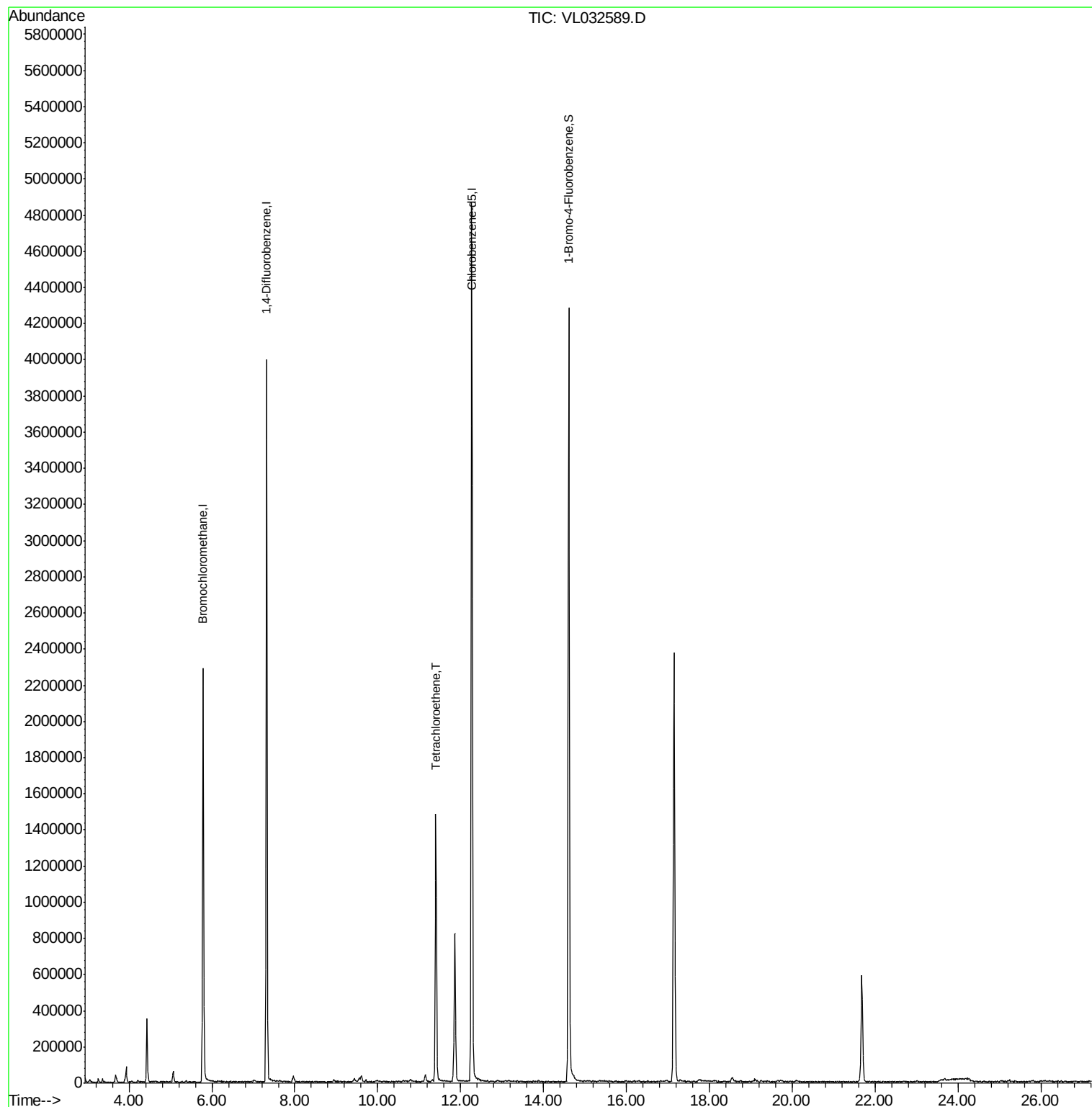
Target Compounds					Ovalue
52) Tetrachloroethene	11.40	164	335388	4.479	ppbv 99

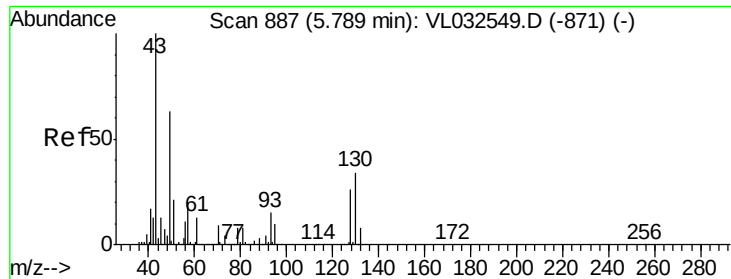
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.79 min Scan# 886

Delta R.T. -0.02 min

Lab File: VL032589.D

Acq: 3 Oct 2018 21:20

Instrument :

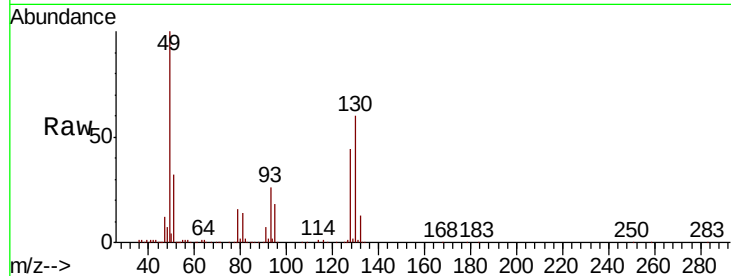
MSVOA_L

ClientSampleId :

CSS-1DL

Tot Ion: 49 Resp: 1092260

Ion	Ratio	Lower	Upper
49	100		
128	45.1	20.7	62.1
130	57.8	26.6	79.7

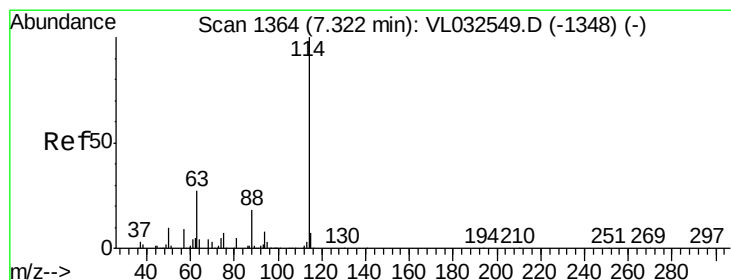
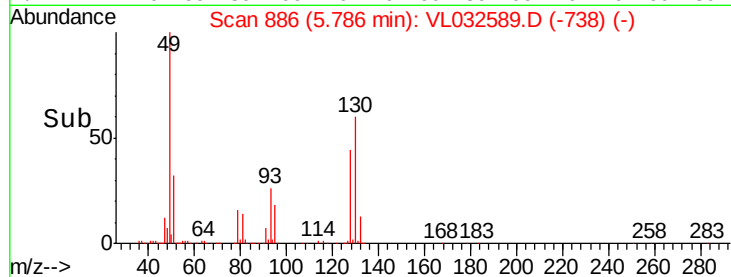


Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

Time-->



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.32 min Scan# 1363

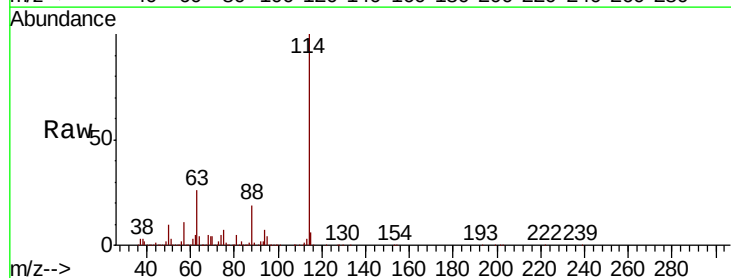
Delta R.T. -0.03 min

Lab File: VL032589.D

Acq: 3 Oct 2018 21:20

Tgt Ion: 114 Resp: 2660895

Ion	Ratio	Lower	Upper
114	100		
63	27.0	22.2	33.4
88	18.4	15.0	22.4

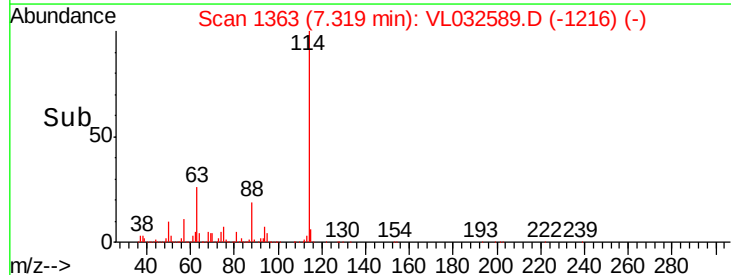


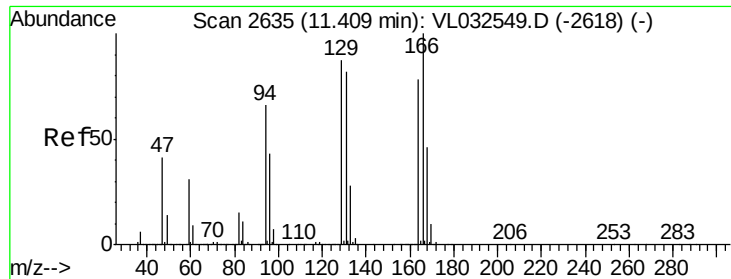
Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

Time-->





#52

Tetrachloroethene

Concen: 4.479 ppbv

RT: 11.40 min Scan# 2633

Delta R.T. -0.03 min

Lab File: VL032589.D

Acq: 3 Oct 2018 21:20

Instrument :

MSVOA_L

ClientSampleId :

CSS-1DL

Tot Ion:164 Resp: 335388

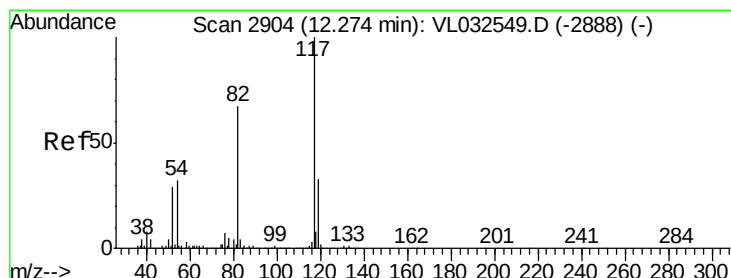
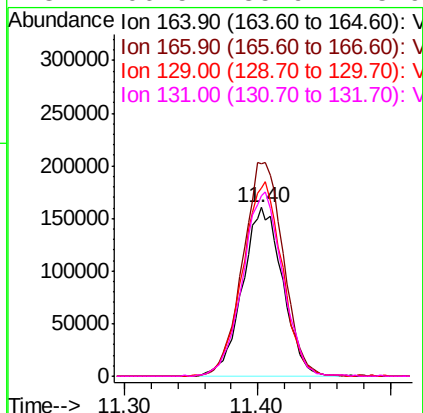
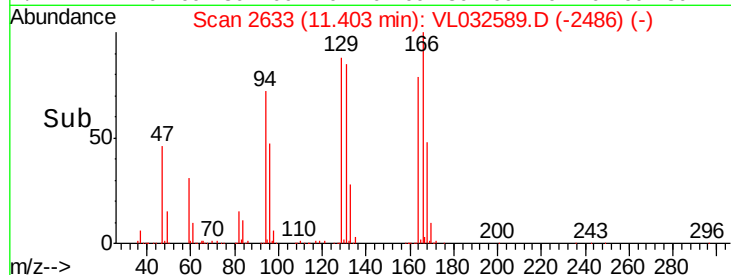
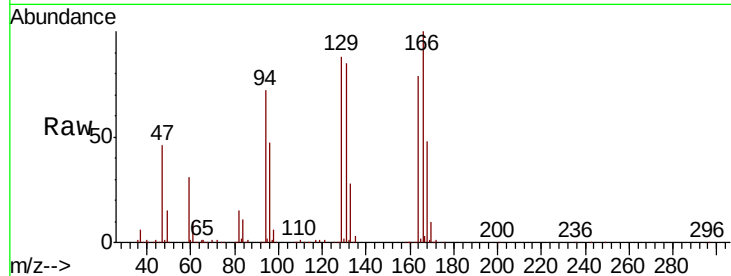
Ion Ratio Lower Upper

164 100

166 125.7 100.6 150.8

129 110.8 89.9 134.9

131 106.5 85.9 128.9



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.27 min Scan# 2902

Delta R.T. -0.03 min

Lab File: VL032589.D

Acq: 3 Oct 2018 21:20

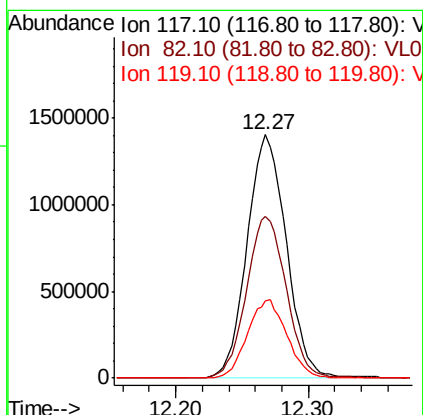
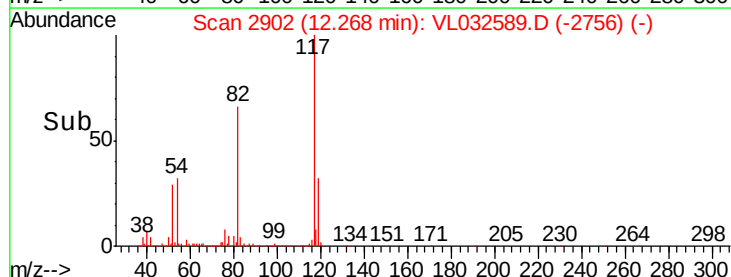
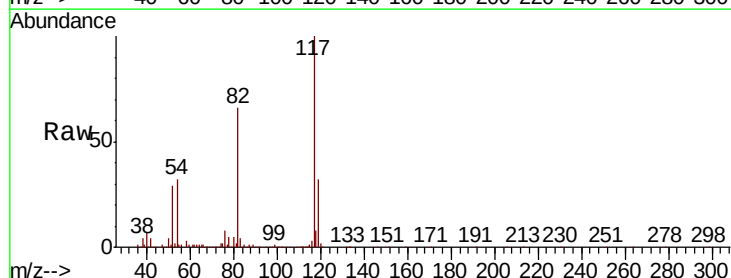
Tgt Ion:117 Resp: 2891447

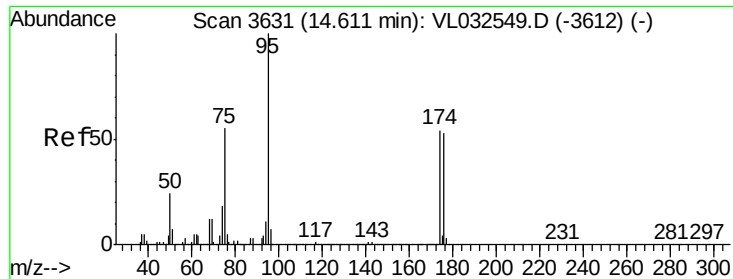
Ion Ratio Lower Upper

117 100

82 67.6 53.0 79.6

119 32.5 45.9 68.9#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.351 ppbv

RT: 14.61 min Scan# 3629

Delta R.T. -0.03 min

Lab File: VL032589.D

Acq: 3 Oct 2018 21:20

Instrument :

MSVOA_L

ClientSampleId :

CSS-1DL

Tot Ion: 95 Resp: 2039083

Ion Ratio Lower Upper

95 100

174 58.0 46.3 69.5

175 4.0 3.4 5.0

