

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112018\
 Data File : VL032781.D
 Acq On : 20 Nov 2018 16:47
 Operator : SY/AP
 Sample : J5961-03DL2 1200X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Quant Time: Nov 21 21:21:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 14 07:00:23 2018
 QLast Update : Wed Nov 14 07:00:23 2018
 Response via : Initial Calibration

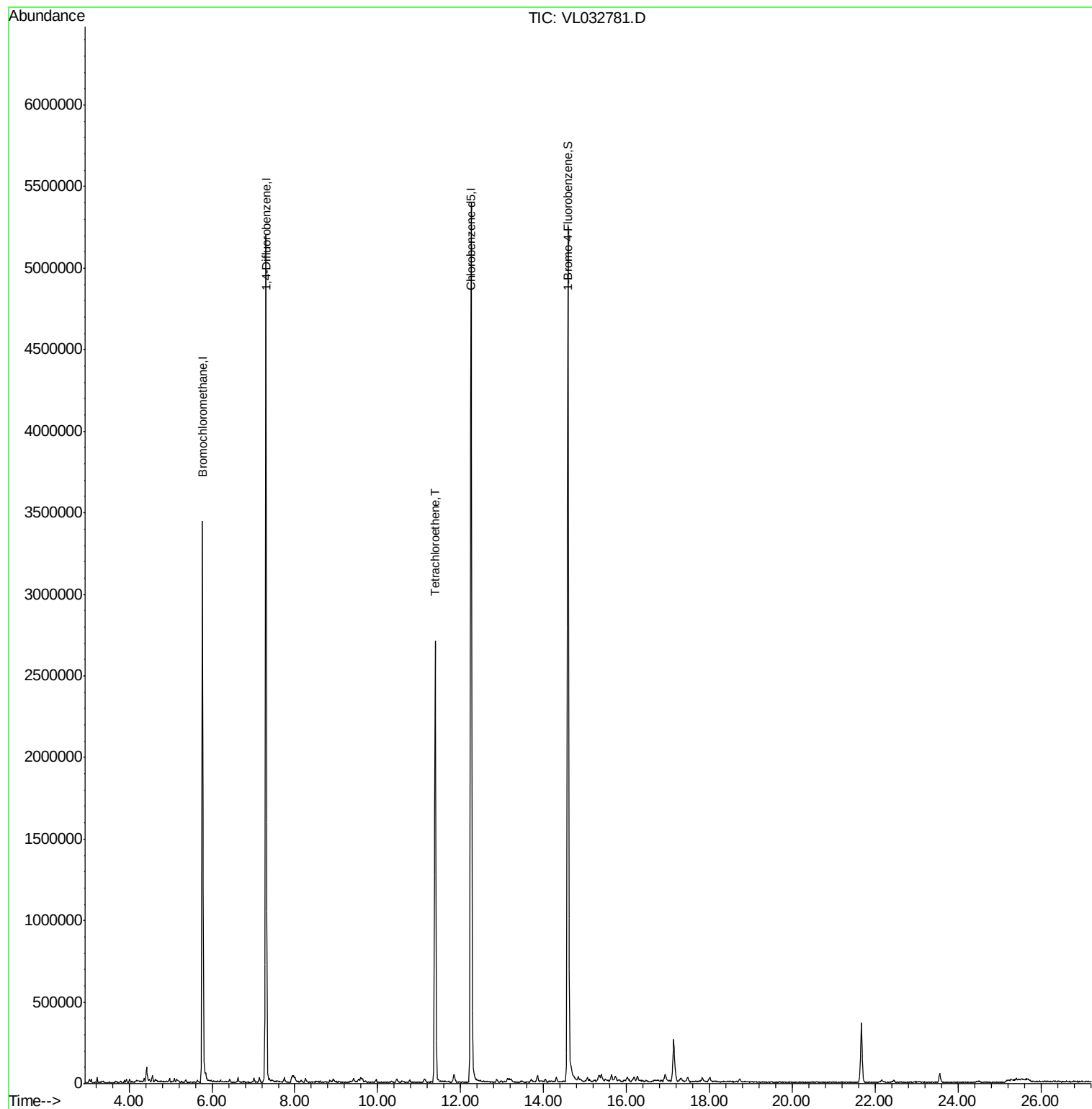
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Bromochloromethane	5.77	49	1540710	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3787942	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3438888	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.59	95	2533518	9.85	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.50%
Target Compounds						
52) Tetrachloroethene	11.39	164	657801	6.269	ppbv	Ovalue 97
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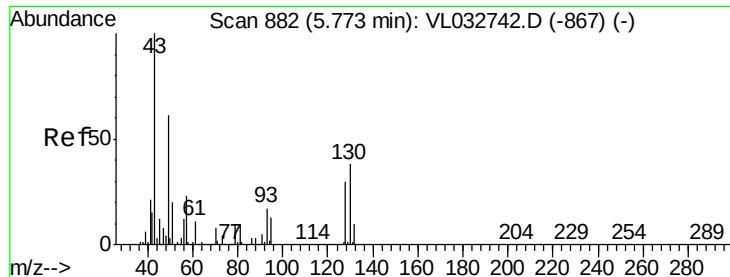
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL112018\
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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 881

Delta R.T. -0.00 min

Lab File: VL032781.D

Acq: 20 Nov 2018 16:47

Instrument :

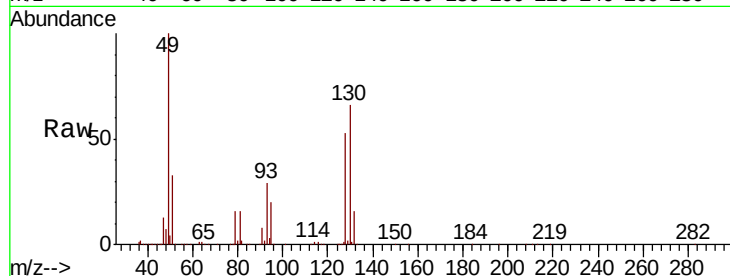
MSVOA_L

ClientSampleId :

SV1DL

Tot Ion: 49 Resp: 1540710

Ion	Ratio	Lower	Upper
49	100		
128	52.3	24.9	74.6
130	67.4	31.4	94.2

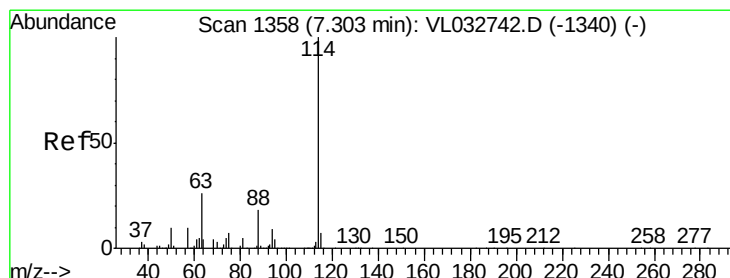
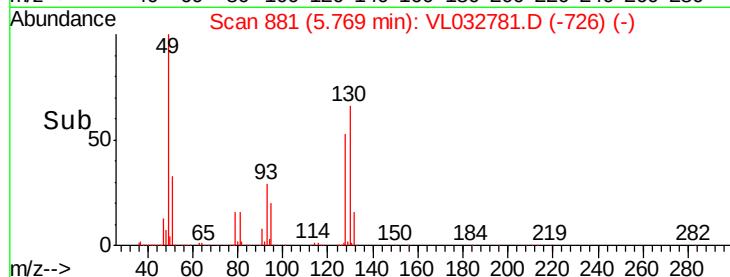
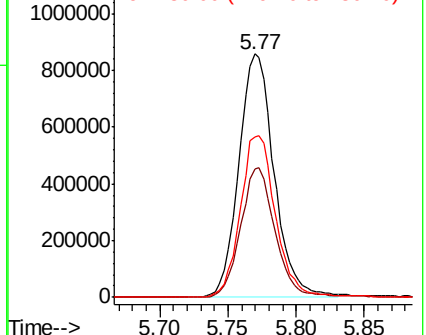


Abundance

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: 7.30 min Scan# 1357

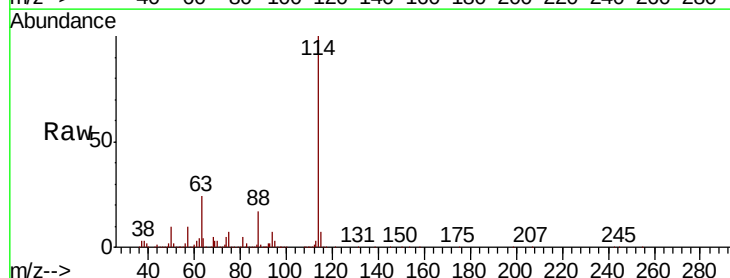
Delta R.T. -0.00 min

Lab File: VL032781.D

Acq: 20 Nov 2018 16:47

Tgt Ion: 114 Resp: 3787942

Ion	Ratio	Lower	Upper
114	100		
63	24.2	20.9	31.3
88	17.6	14.4	21.6

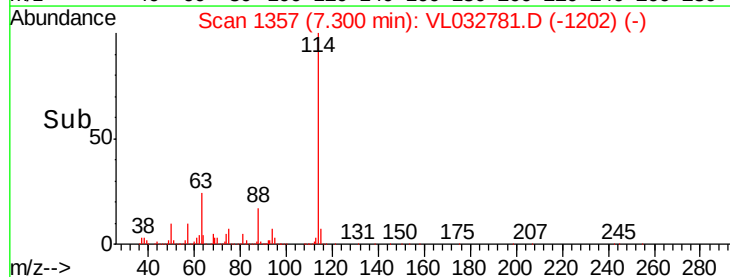
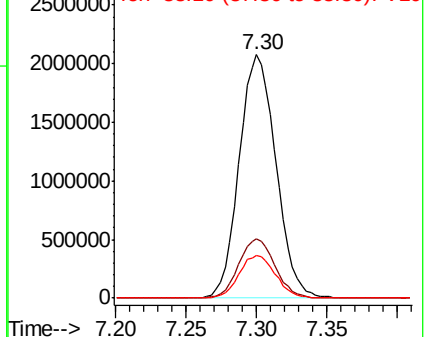


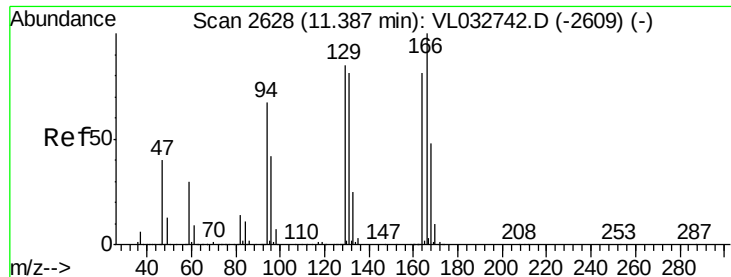
Abundance

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: 6.269 ppbv

RT: 11.39 min Scan# 2628

Delta R.T. 0.00 min

Lab File: VL032781.D

Acq: 20 Nov 2018 16:47

Instrument :

MSVOA_L

ClientSampleId :

SV1DL

Tot Ion:164 Resp: 657801

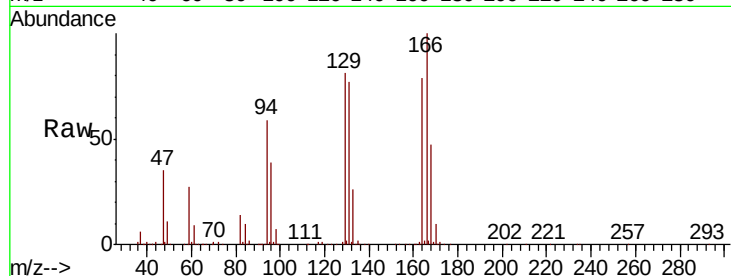
Ion Ratio Lower Upper

164 100

166 126.0 99.3 148.9

129 102.5 83.9 125.9

131 96.5 80.8 121.2

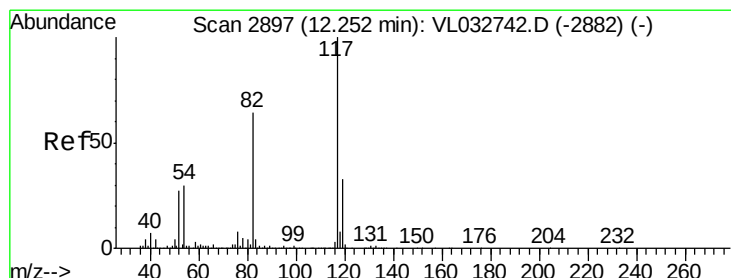
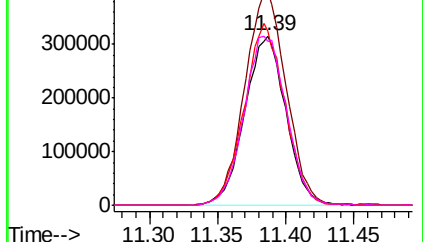
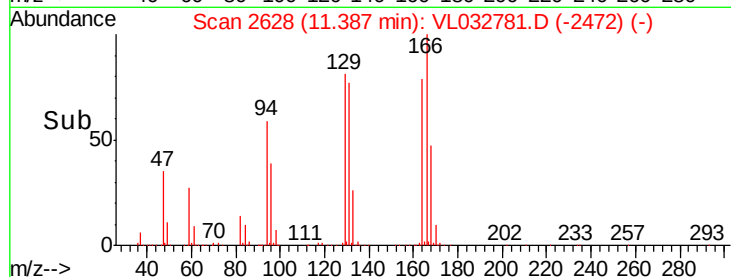


Abundance Ion 163.90 (163.60 to 164.60): V

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: 12.25 min Scan# 2896

Delta R.T. -0.00 min

Lab File: VL032781.D

Acq: 20 Nov 2018 16:47

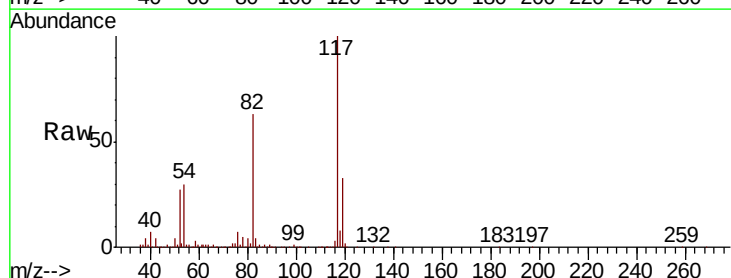
Tgt Ion:117 Resp: 3438888

Ion Ratio Lower Upper

117 100

82 62.7 51.0 76.6

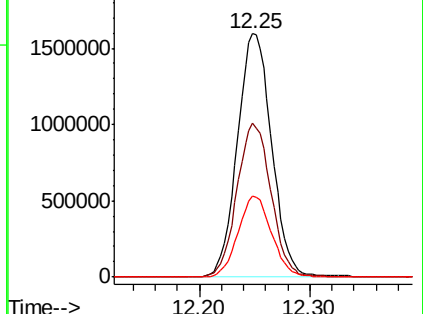
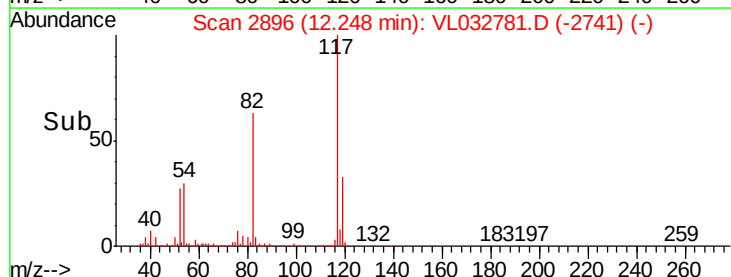
119 32.6 28.0 42.0

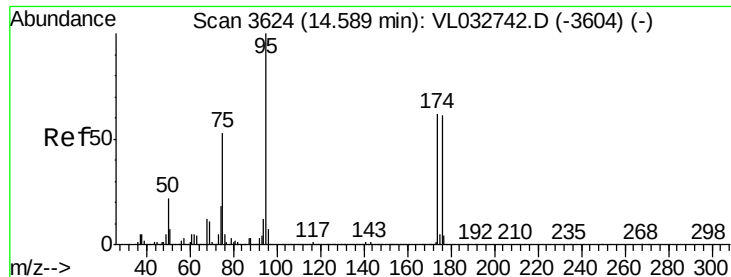


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): V

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 9.850 ppbv

RT: 14.59 min Scan# 3624

Delta R.T. 0.00 min

Lab File: VL032781.D

Acq: 20 Nov 2018 16:47

Instrument :

MSVOA_L

ClientSampleId :

SV1DL

Tot Ion: 95 Resp: 2533518

Ion Ratio Lower Upper

95 100

174 67.5 50.7 76.1

175 5.0 3.8 5.6

