

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL113018\
Data File : VL032847.D
Acq On : 30 Nov 2018 13:04
Operator : SY/AP
Sample : VL1130ABL01
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1130ABL01

Quant Time: Dec 01 02:32:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 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	1297166	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3239642	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3165227	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.59	95	2477277	10.46	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.60%

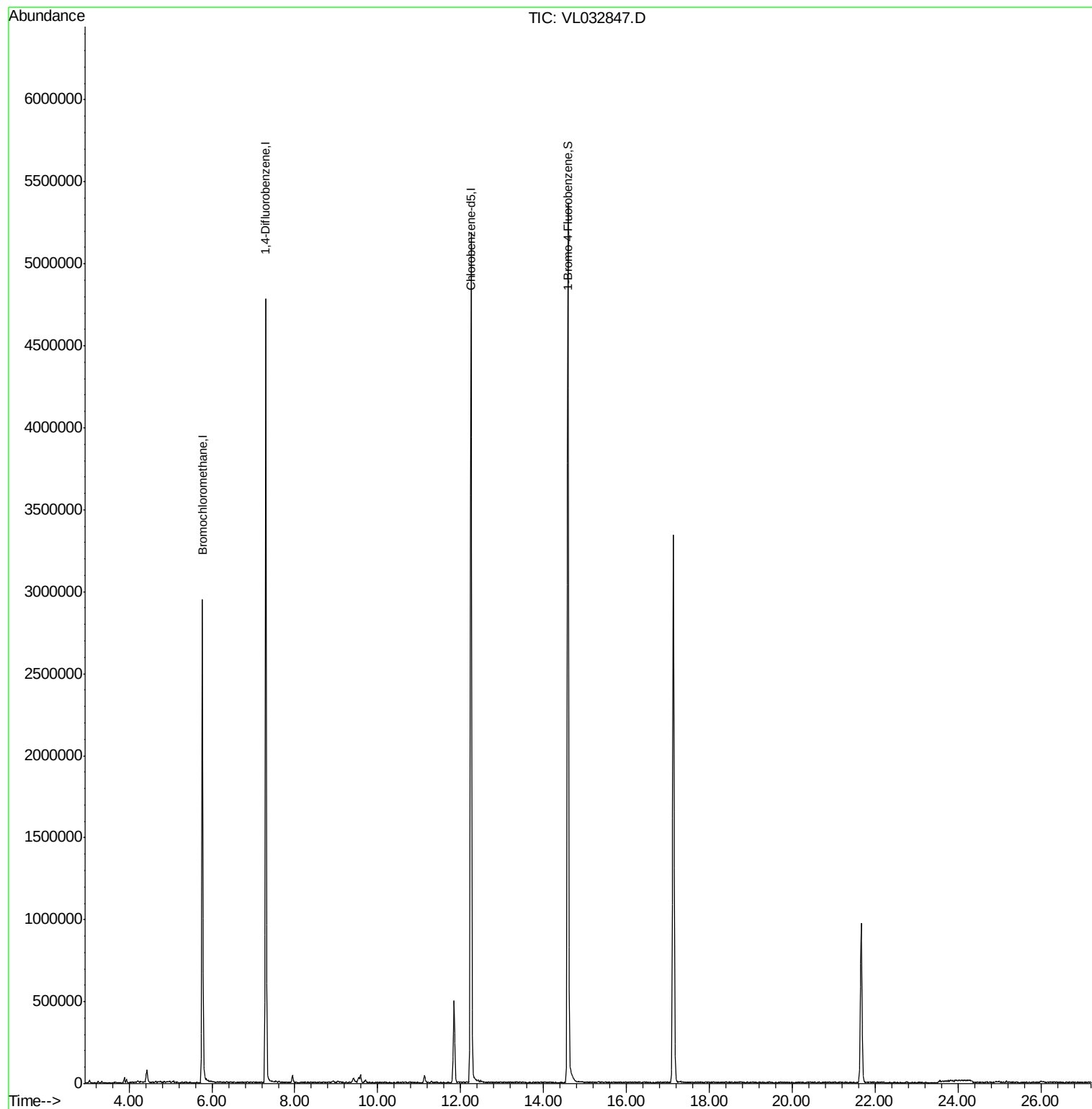
Target Compounds	Ovalue
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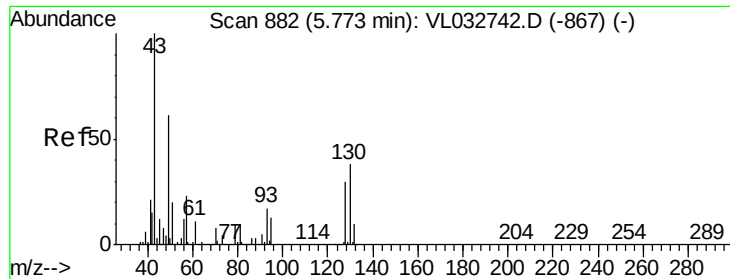
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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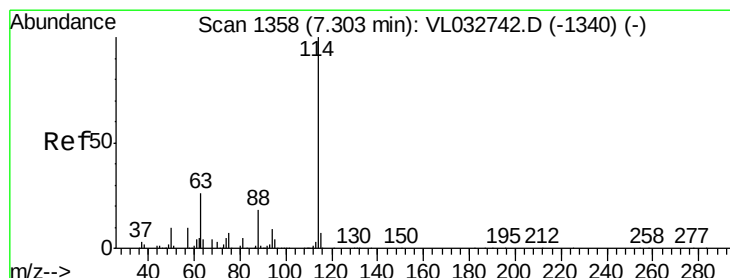
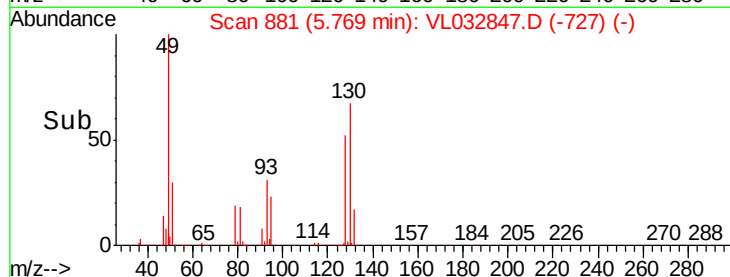
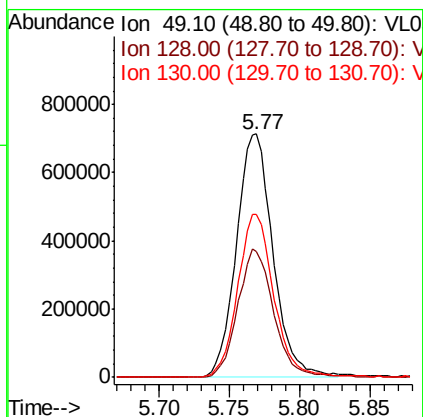
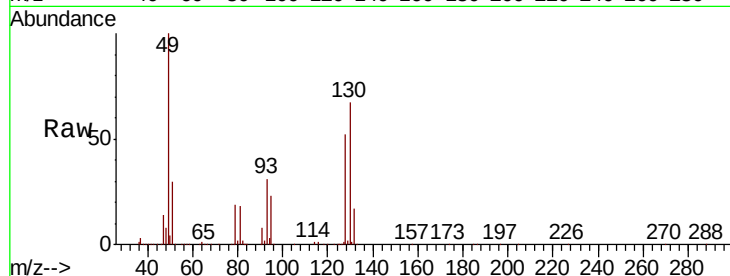




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.77 min Scan# 881
 Delta R.T. -0.00 min
 Lab File: VL032847.D
 Acq: 30 Nov 2018 13:04

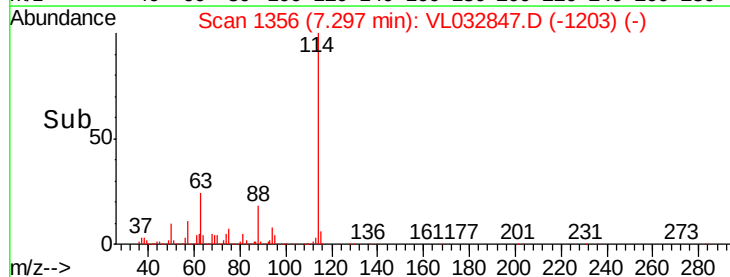
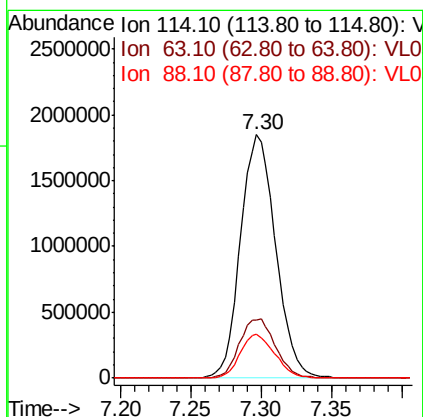
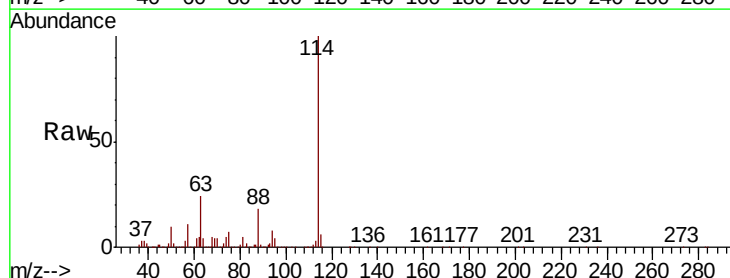
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1130ABL01

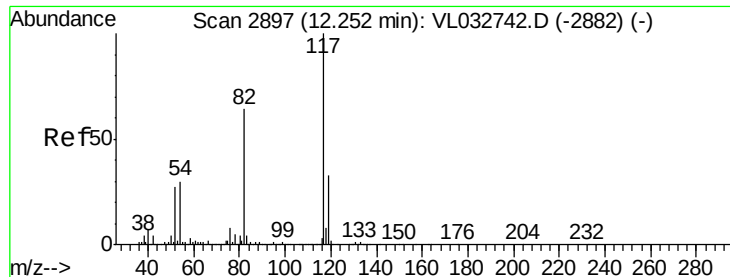
Tot Ion: 49 Resp: 1297166
 Ion Ratio Lower Upper
 49 100
 128 52.3 24.9 74.6
 130 66.7 31.4 94.2



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.30 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: VL032847.D
 Acq: 30 Nov 2018 13:04

Tgt Ion: 114 Resp: 3239642
 Ion Ratio Lower Upper
 114 100
 63 25.1 20.9 31.3
 88 17.8 14.4 21.6

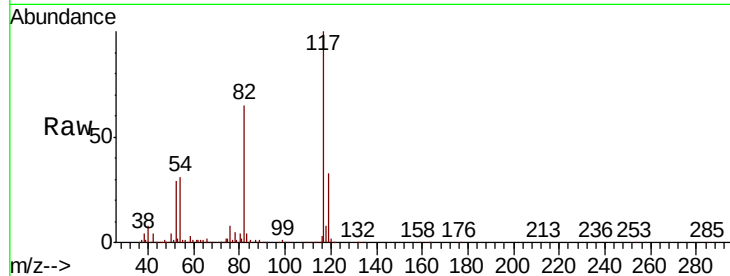




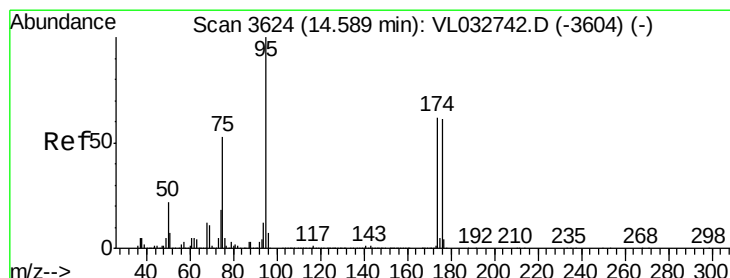
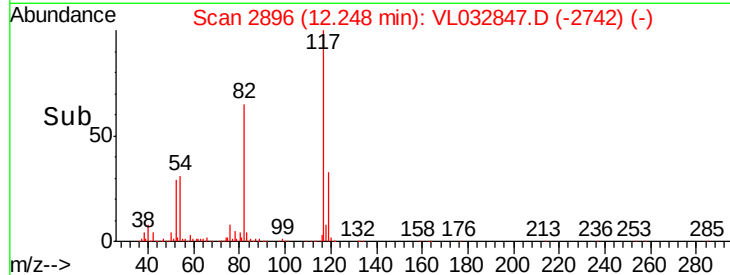
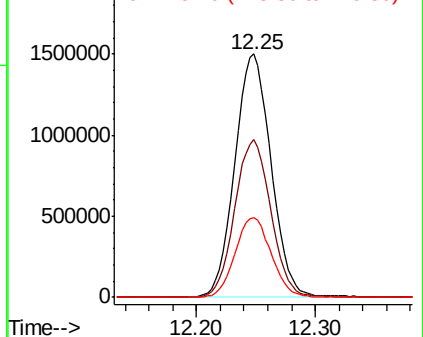
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VL032847.D
Acq: 30 Nov 2018 13:04

Instrument :
MSVOA_L
ClientSampleId :
VL1130ABL01

Tot Ion:117 Resp: 3165227
Ion Ratio Lower Upper
117 100
82 65.2 51.0 76.6
119 33.1 28.0 42.0

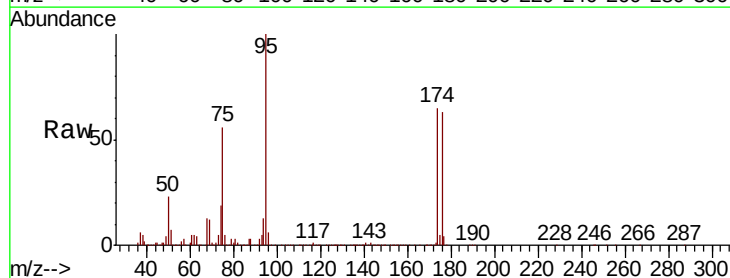


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.464 ppbv
RT: 14.59 min Scan# 3623
Delta R.T. -0.00 min
Lab File: VL032847.D
Acq: 30 Nov 2018 13:04

Tgt Ion: 95 Resp: 2477277
Ion Ratio Lower Upper
95 100
174 65.3 50.7 76.1
175 4.8 3.8 5.6



Abundance Ion 95.10 (94.80 to 95.80): VL0
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

