

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101818\
Data File : VL032661.D
Acq On : 18 Oct 2018 23:46
Operator : SY/AP
Sample : VL1018ABL01
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1018ABL01

Quant Time: Oct 19 01:44:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL101818AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Oct 19 01:25:37 2018
QLast Update : Fri Oct 19 01:25:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1550578	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3934777	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3839138	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.59	95	2814692	9.85	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.50%

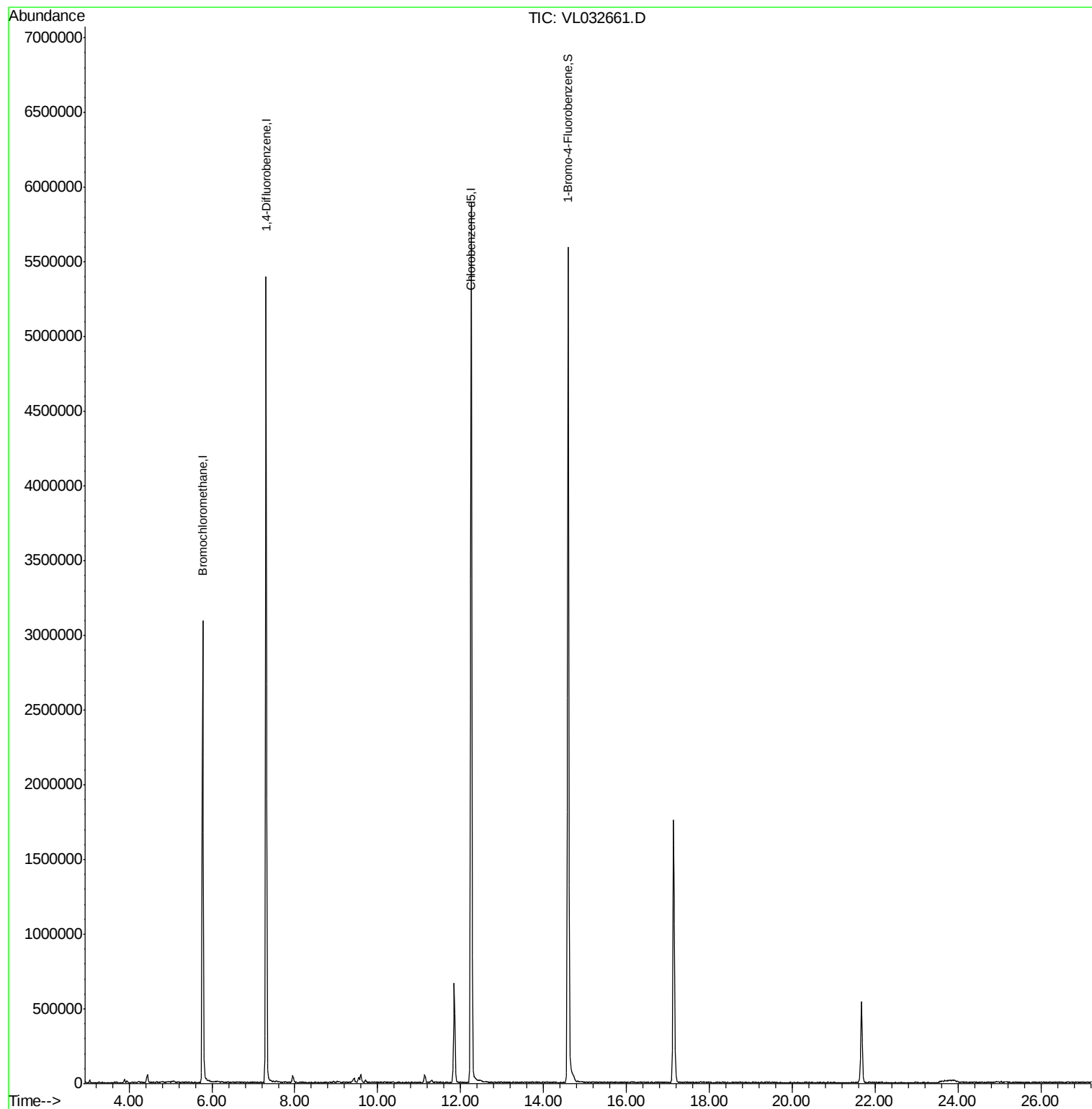
Target Compounds	Ovalue
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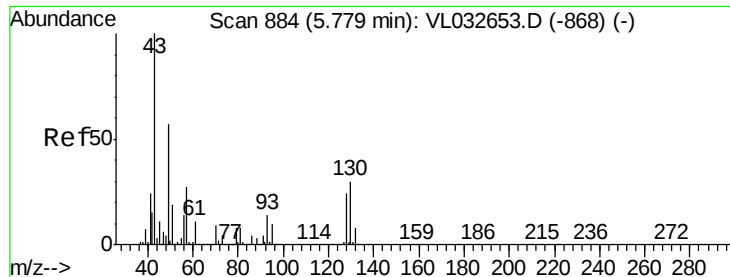
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 882

Delta R.T. -0.01 min

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MSVOA_L

ClientSampleId :

VL1018ABL01

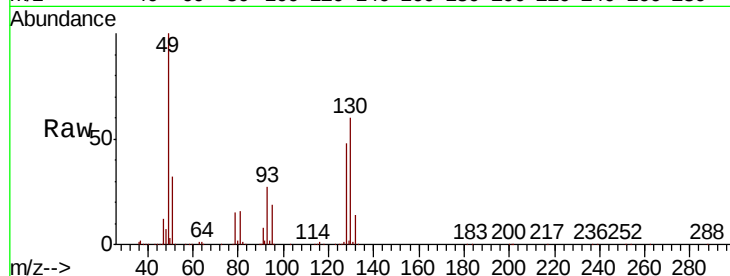
Tot Ion: 49 Resp: 1550578

Ion Ratio Lower Upper

49 100

128 50.0 22.3 66.8

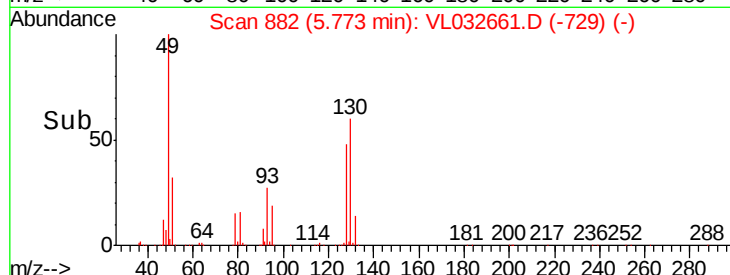
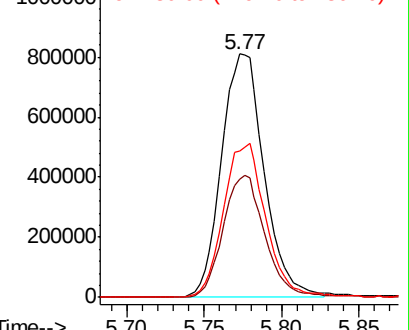
130 63.5 28.4 85.3



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: 7.30 min Scan# 1358

Delta R.T. -0.01 min

Lab File: VL032661.D

Acq: 18 Oct 2018 23:46

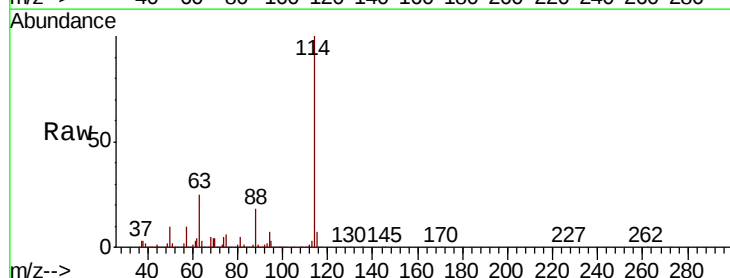
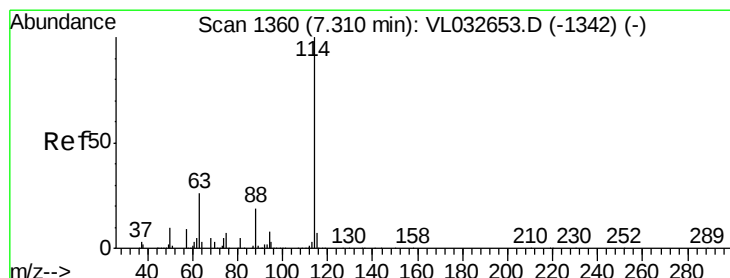
Tgt Ion:114 Resp: 3934777

Ion Ratio Lower Upper

114 100

63 24.9 21.7 32.5

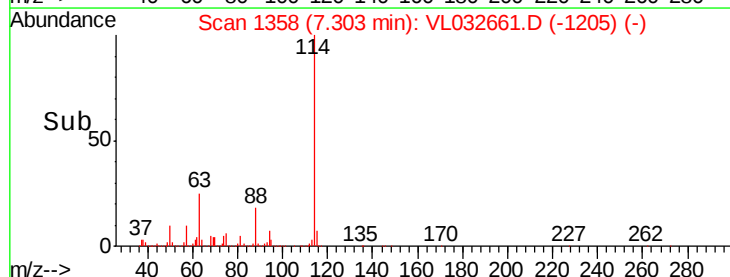
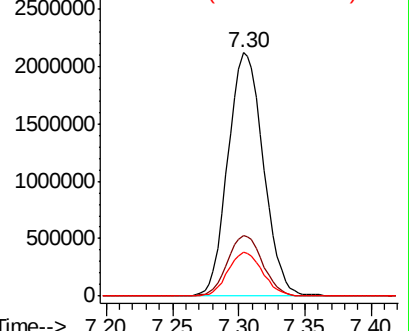
88 17.7 14.9 22.3

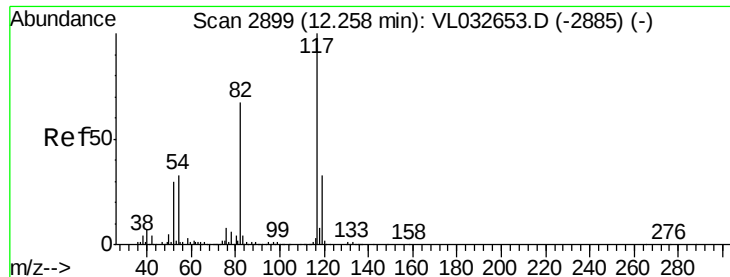


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

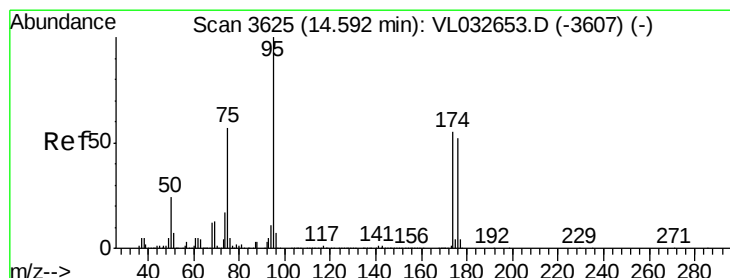
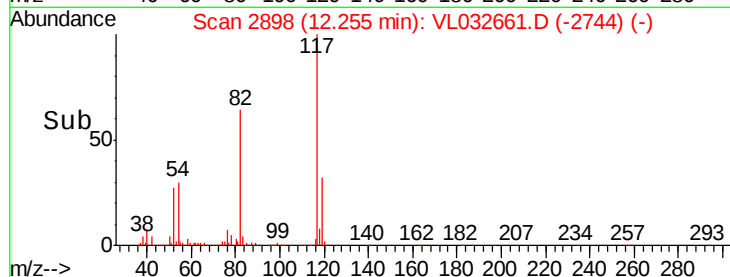
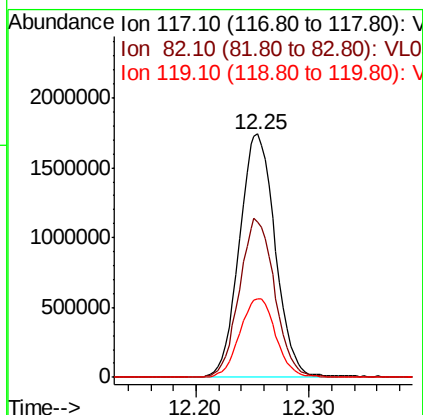
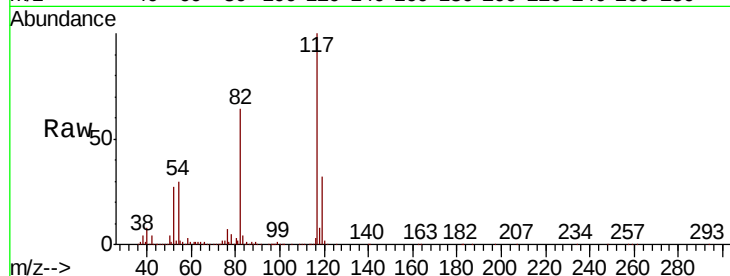




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2898
Delta R.T. -0.00 min
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Instrument :
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Tot Ion:117 Resp: 3839138
Ion Ratio Lower Upper
117 100
82 64.6 52.7 79.1
119 32.6 26.7 40.1



#68
1-Bromo-4-Fluorobenzene
Concen: 9.847 ppbv
RT: 14.59 min Scan# 3625
Delta R.T. -0.00 min
Lab File: VL032661.D
Acq: 18 Oct 2018 23:46

Tgt Ion: 95 Resp: 2814692
Ion Ratio Lower Upper
95 100
174 64.0 46.0 69.0
175 4.7 3.4 5.0

