

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070518\
Data File : VL032204.D
Acq On : 5 Jul 2018 14:49
Operator : SY/AP
Sample : VL0705ABL01
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0705ABL01

Quant Time: Jul 06 04:55:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL062918AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Jun 29 22:27:58 2018
QLast Update : Fri Jun 29 22:27:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.84	49	1545002	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.38	114	3780014	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.33	117	3857758	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.67	95	2976945	10.10	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.00%

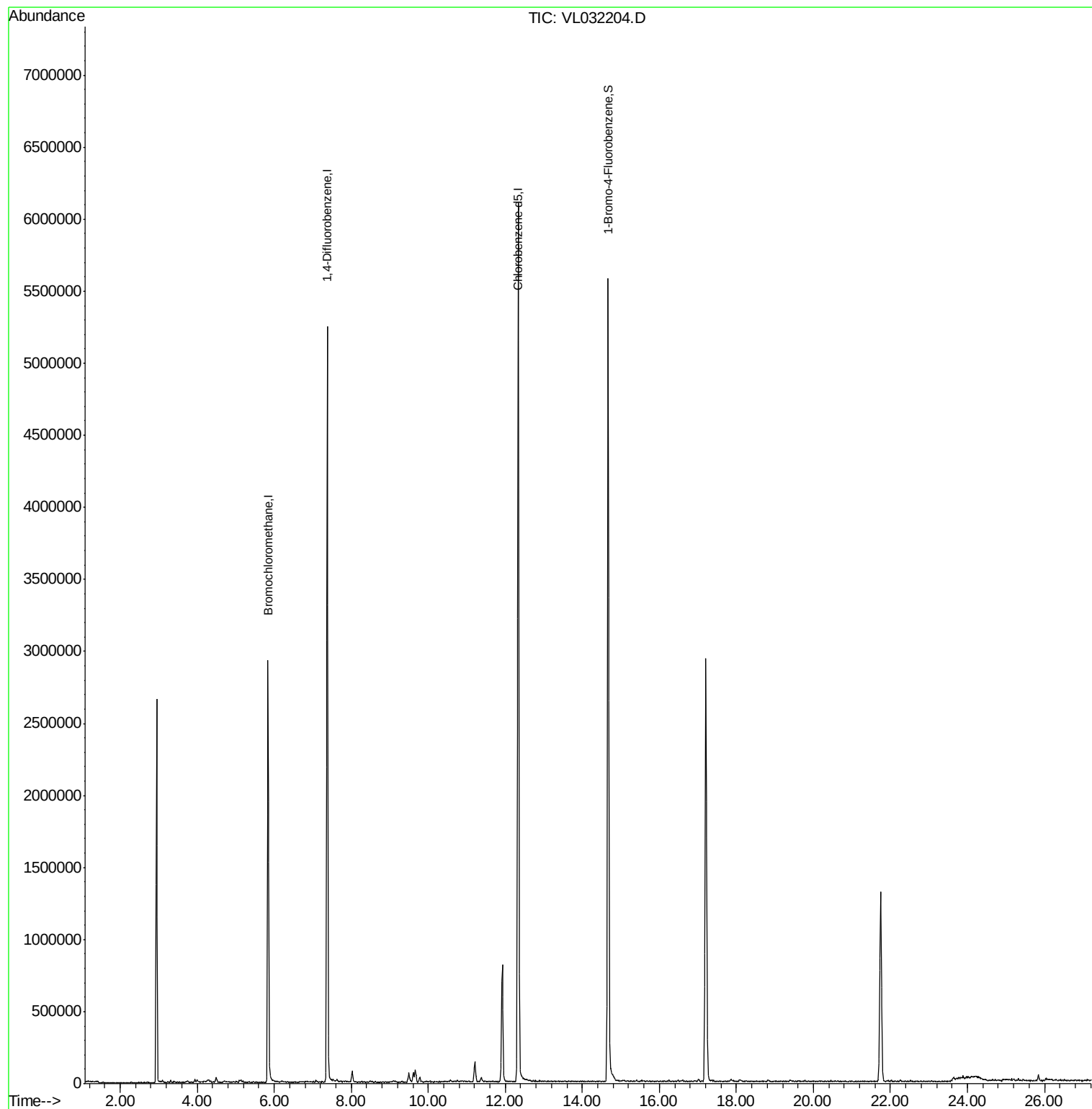
Target Compounds	Ovalue
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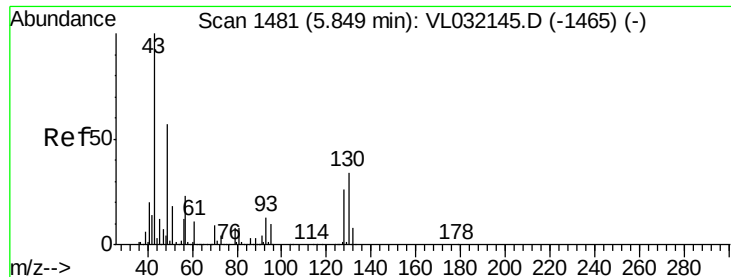
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.84 min Scan# 1478

Delta R.T. -0.02 min

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Instrument :

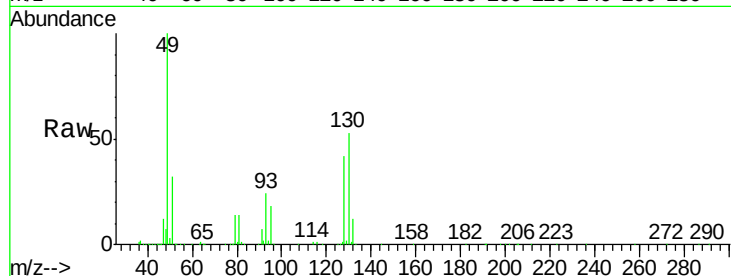
MSVOA_L

ClientSampleId :

VL0705ABL01

Tot Ion: 49 Resp: 1545002

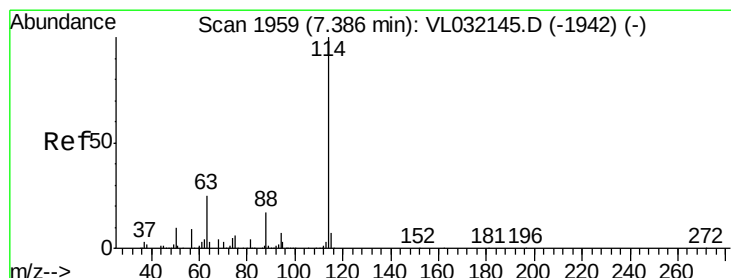
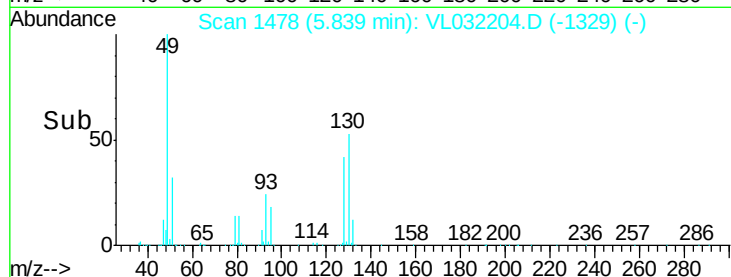
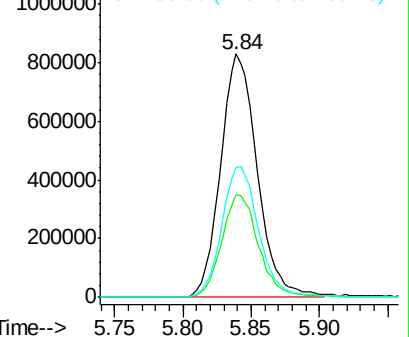
Ion	Ratio	Lower	Upper
49	100		
128	43.1	23.4	70.0
130	54.5	30.3	90.9



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



#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.38 min Scan# 1956

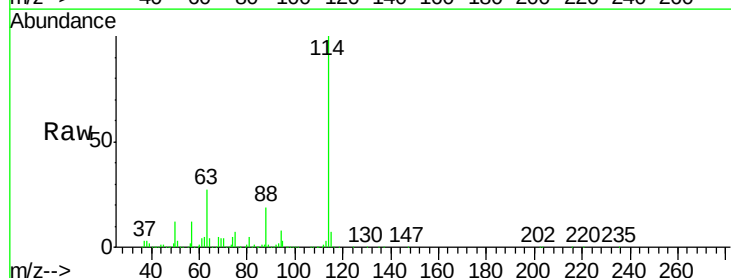
Delta R.T. -0.02 min

Lab File: VL032204.D

Acq: 5 Jul 2018 14:49

Tgt Ion: 114 Resp: 3780014

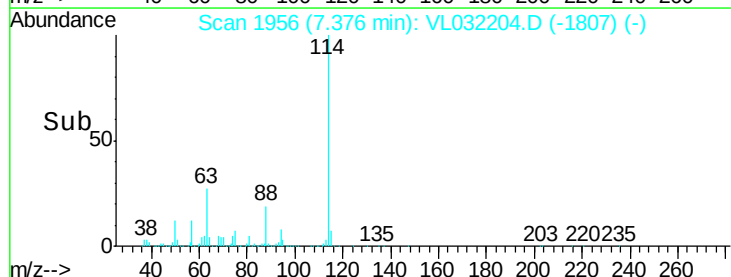
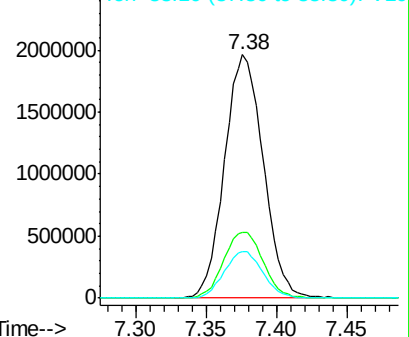
Ion	Ratio	Lower	Upper
114	100		
63	27.9	19.1	28.7
88	19.3	13.9	20.9

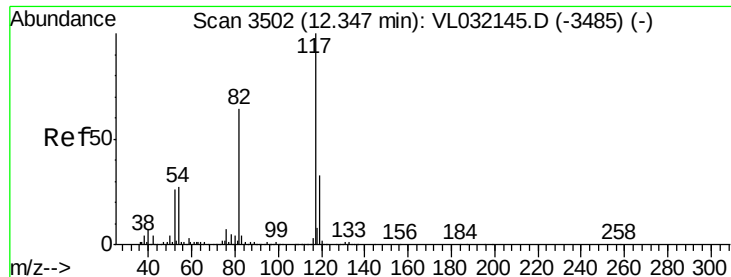


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

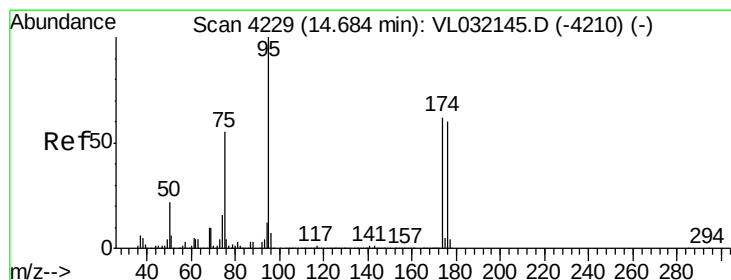
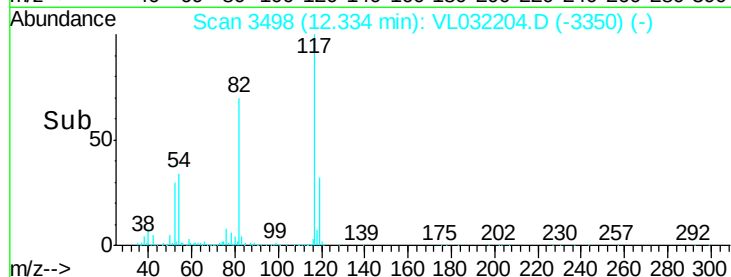
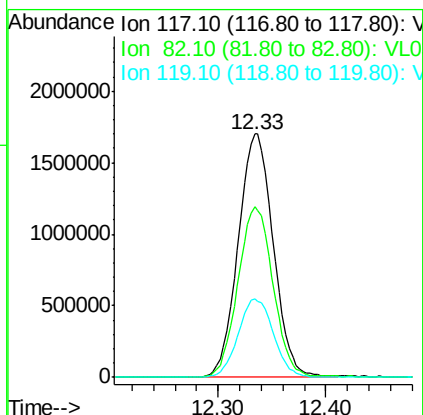
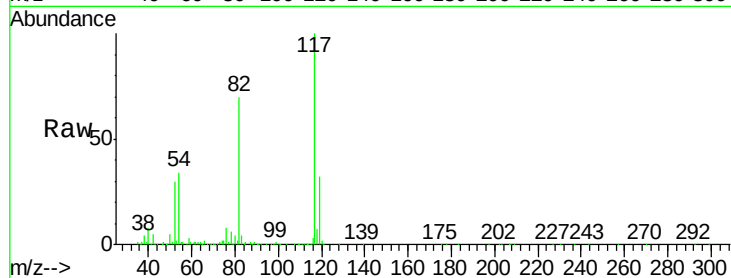




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.33 min Scan# 3498
Delta R.T. -0.03 min
Lab File: VL032204.D
Acq: 5 Jul 2018 14:49

Instrument :
MSVOA_L
ClientSampleId :
VL0705ABL01

Tot Ion:117 Resp: 3857758
Ion Ratio Lower Upper
117 100
82 70.8 47.8 71.8
119 32.8 43.3 64.9#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.10 ppbv
RT: 14.67 min Scan# 4225
Delta R.T. -0.03 min
Lab File: VL032204.D
Acq: 5 Jul 2018 14:49

Tgt Ion: 95 Resp: 2976945
Ion Ratio Lower Upper
95 100
174 55.1 52.1 78.1
175 4.0 4.0 6.0

