

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 04:28:05 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%

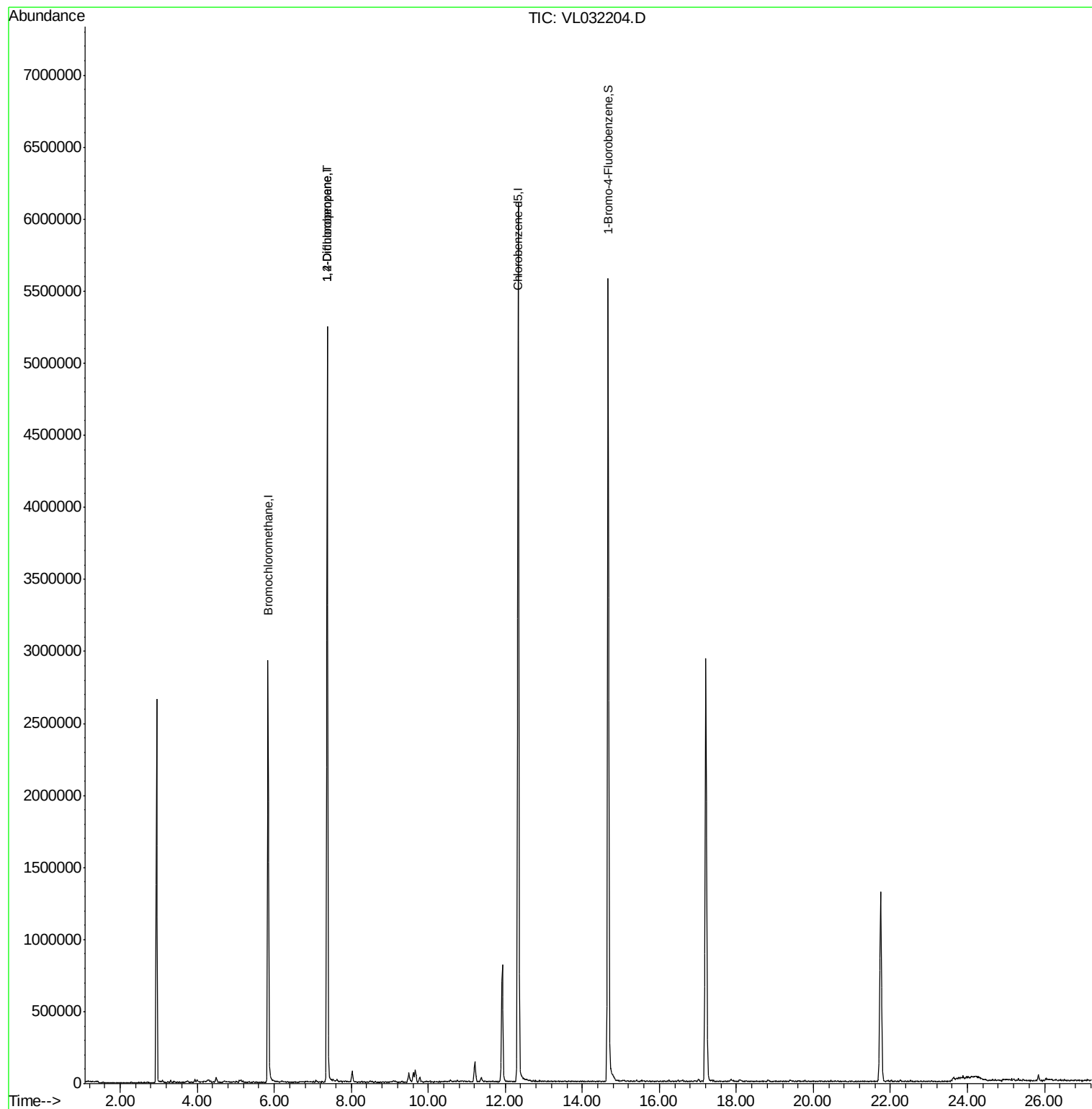
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) 1,2-Dichloropropane	7.38	63	1042758	7.227	ppbv	# 26

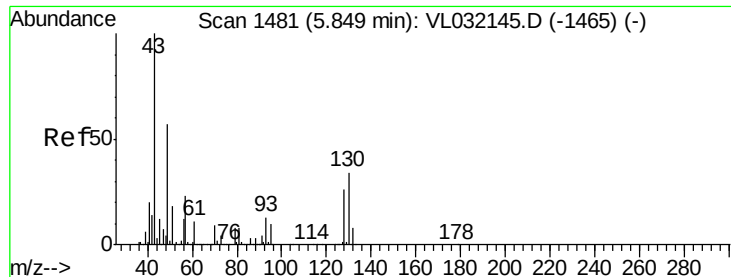
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL062918AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 29 22:27:58 2018
QLast Update : Fri Jun 29 22:27:58 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.84 min Scan# 1478

Delta R.T. -0.02 min

Lab File: VL032204.D

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MSVOA_L

ClientSampleId :

VL0705ABL01

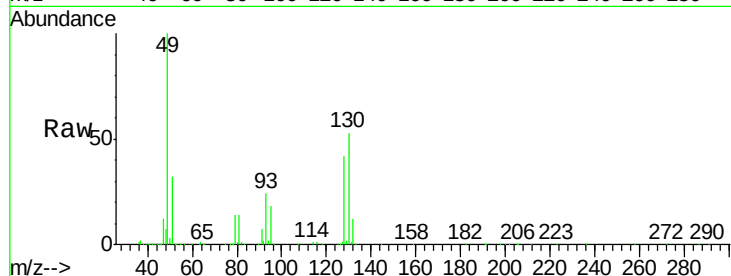
Tgt Ion: 49 Resp: 1545002

Ion Ratio Lower Upper

49 100

128 43.1 23.4 70.0

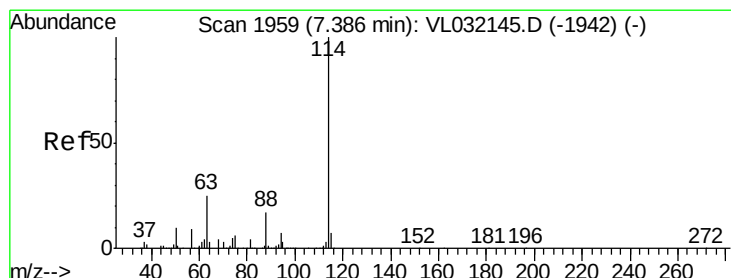
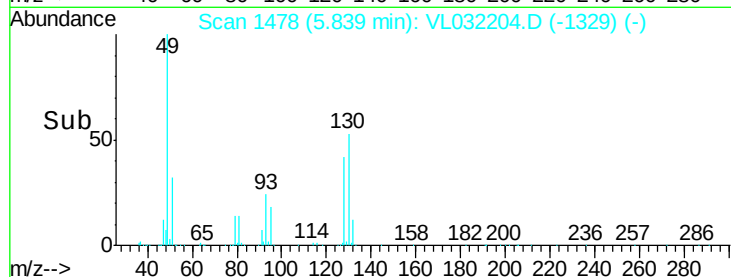
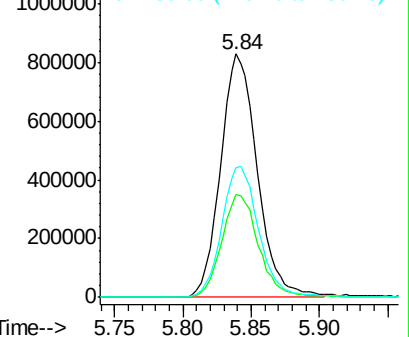
130 54.5 30.3 90.9



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: 10.000 ppbv

RT: 7.38 min Scan# 1956

Delta R.T. -0.02 min

Lab File: VL032204.D

Acq: 5 Jul 2018 14:49

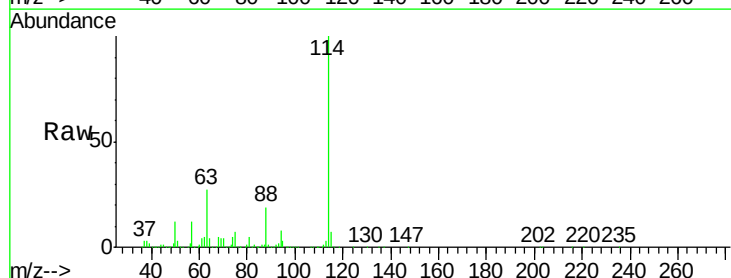
Tgt Ion: 114 Resp: 3780014

Ion Ratio Lower Upper

114 100

63 27.9 19.1 28.7

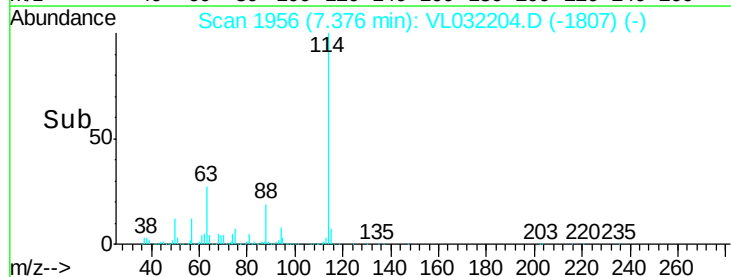
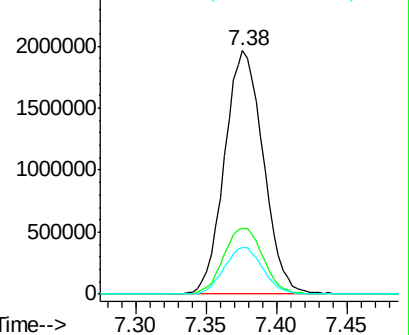
88 19.3 13.9 20.9

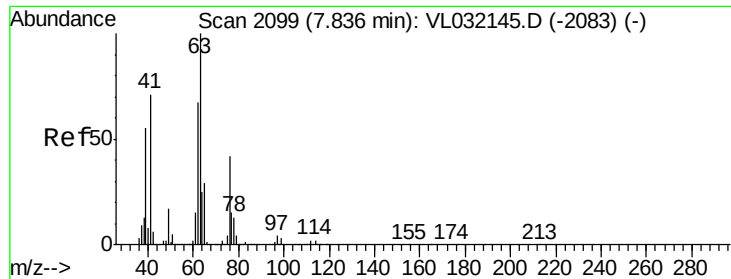


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

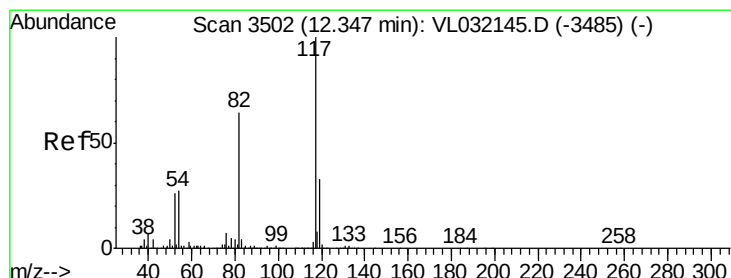
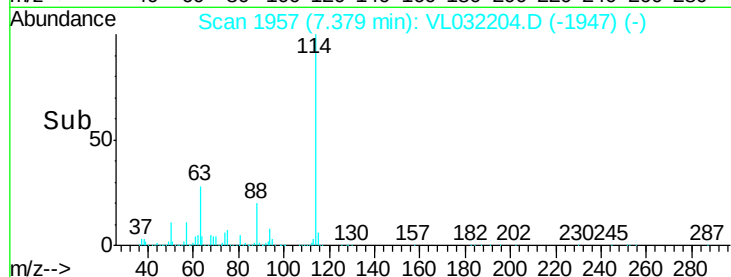
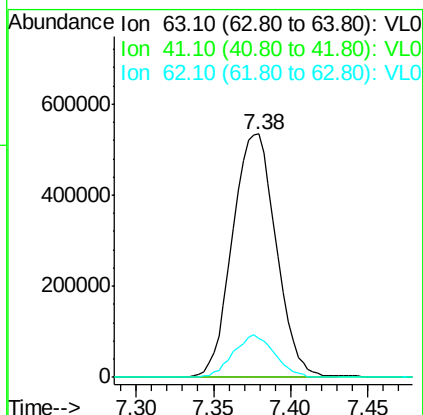
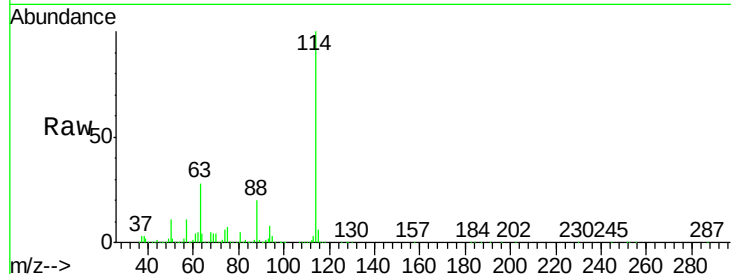




#39
 1,2-Dichloropropane
 Concen: 7.227 ppbv
 RT: 7.38 min Scan# 1957
 Delta R.T. -0.47 min
 Lab File: VL032204.D
 Acq: 5 Jul 2018 14:49

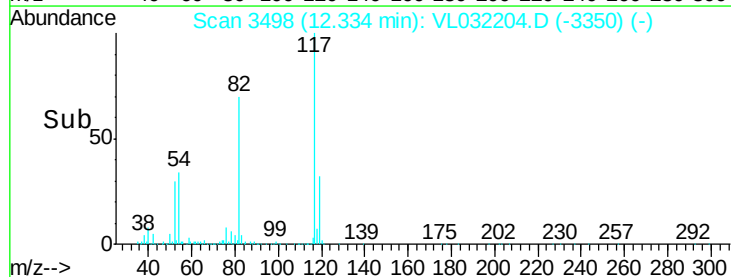
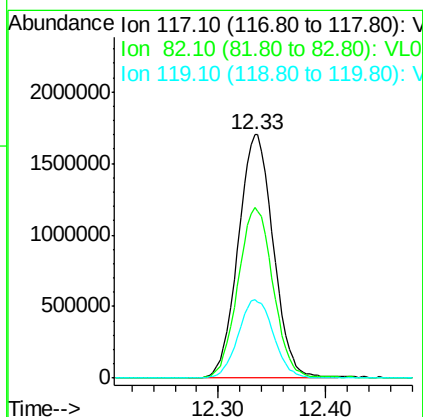
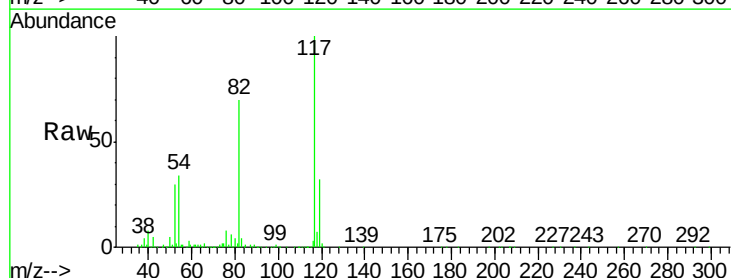
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0705ABL01

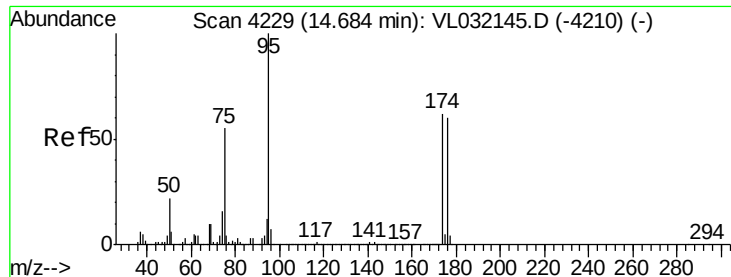
Tgt Ion: 63 Resp: 1042758
 Ion Ratio Lower Upper
 63 100
 41 0.2 53.3 79.9#
 62 16.1 54.8 82.2#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.33 min Scan# 3498
 Delta R.T. -0.03 min
 Lab File: VL032204.D
 Acq: 5 Jul 2018 14:49

Tgt 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: 10.095 ppbv

RT: 14.67 min Scan# 4225

Delta R.T. -0.03 min

Lab File: VL032204.D

Acq: 5 Jul 2018 14:49

Instrument :

MSVOA_L

ClientSampleId :

VL0705ABL01

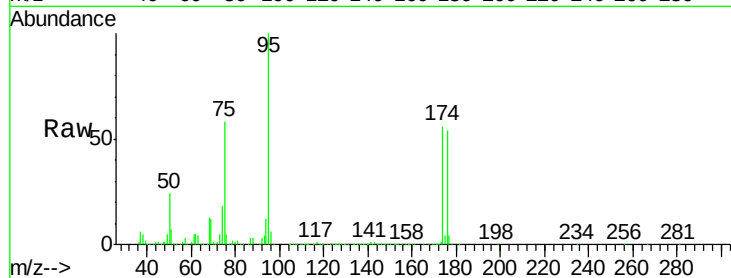
Tgt Ion: 95 Resp: 2976945

Ion Ratio Lower Upper

95 100

174 55.1 52.1 78.1

175 4.0 4.0 6.0



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

