

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121718\
Data File : VL032998.D
Acq On : 17 Dec 2018 14:32
Operator : SY/AP
Sample : VL1217ABL01
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1217ABL01

Quant Time: Dec 18 01:24:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec 07 09:35:17 2018
QLast Update : Fri Dec 07 09:35:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1137237	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	2733405	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3028683	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2230876	9.97	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.70%

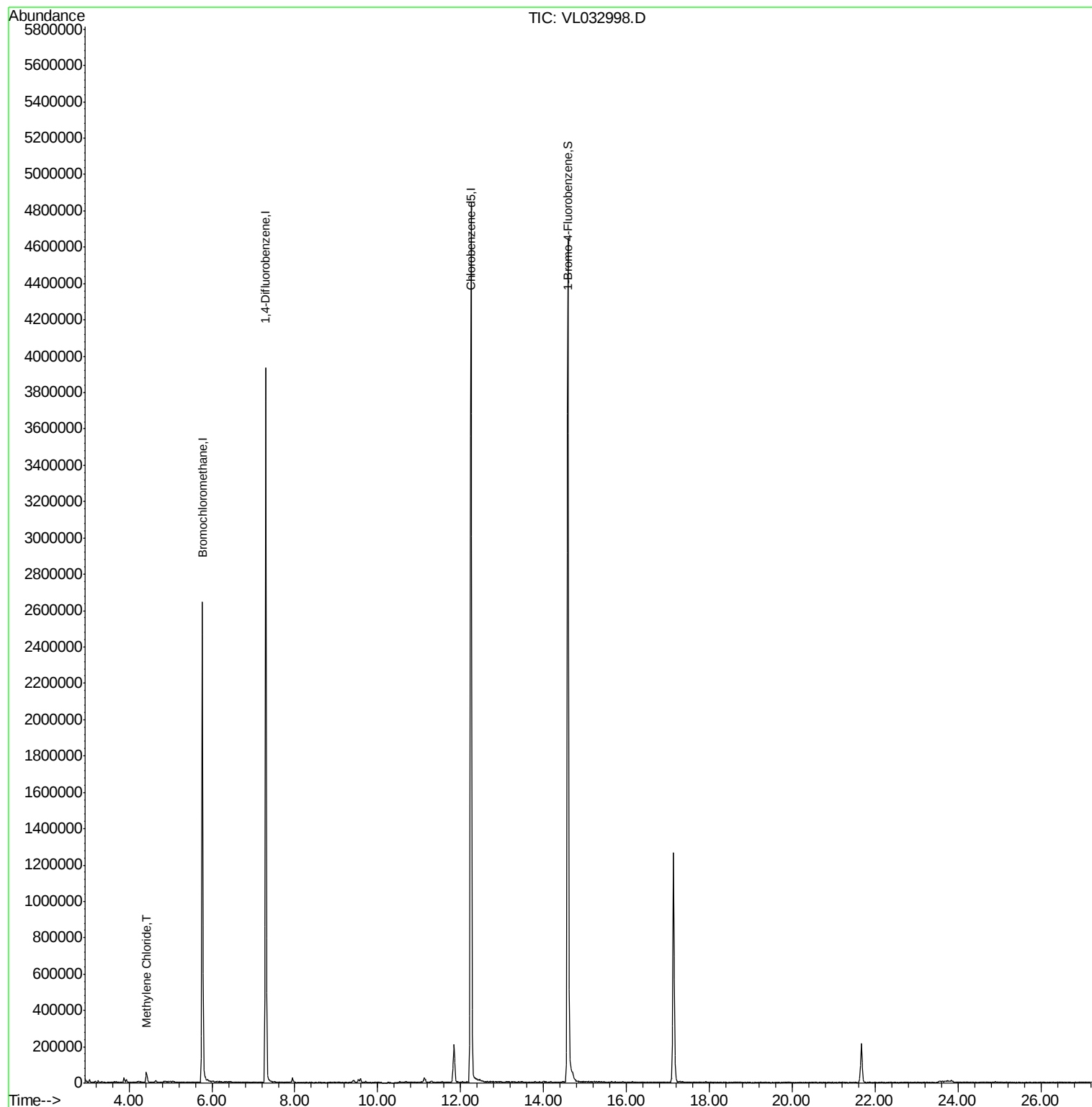
Target Compounds					Ovalue
20) Methylene Chloride	4.42	84	15824	0.332	ppbv 88

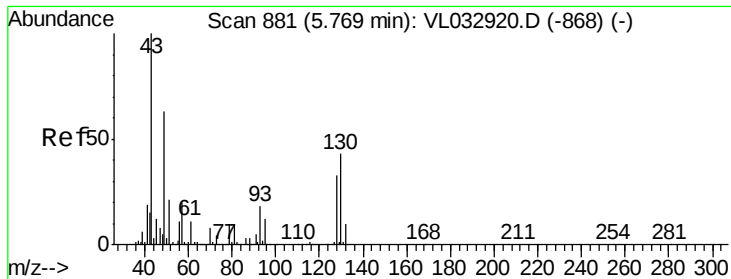
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 880

Delta R.T. -0.00 min

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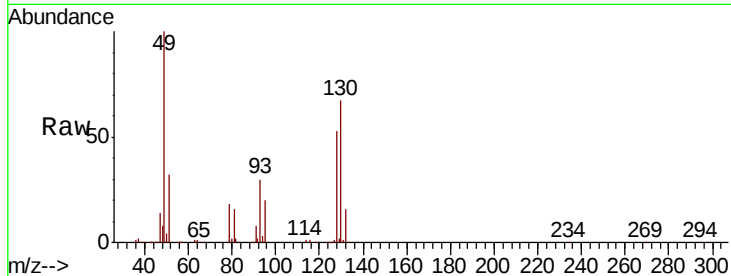
Tot Ion: 49 Resp: 1137237

Ion Ratio Lower Upper

49 100

128 54.6 26.3 78.8

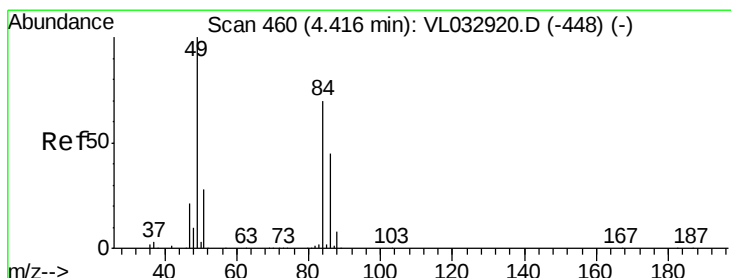
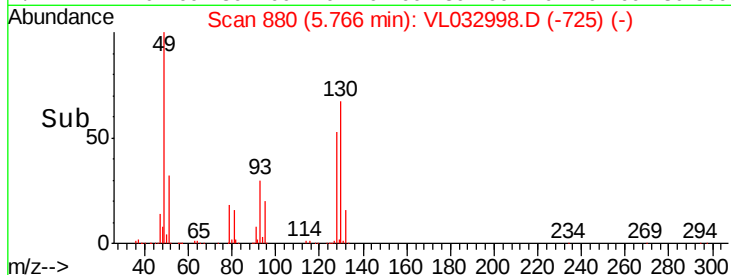
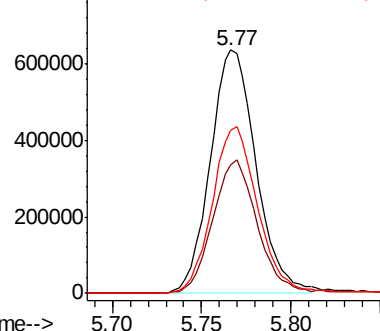
130 69.4 33.9 101.7



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



#20

Methylene Chloride

Concen: 0.332 ppbv

RT: 4.42 min Scan# 460

Delta R.T. 0.00 min

Lab File: VL032998.D

Acq: 17 Dec 2018 14:32

Tgt Ion: 84 Resp: 15824

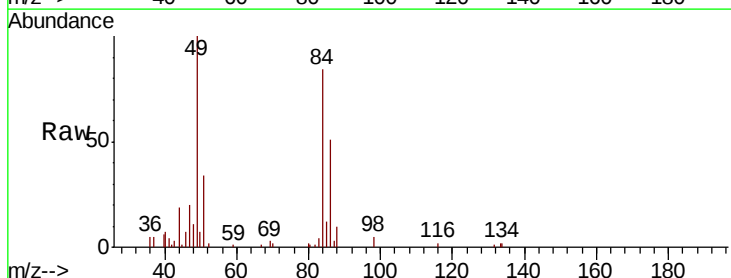
Ion Ratio Lower Upper

84 100

49 118.9 113.8 170.8

51 40.9 31.8 47.8

86 61.1 50.8 76.2

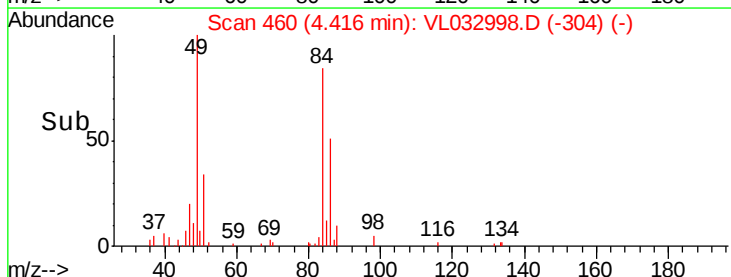
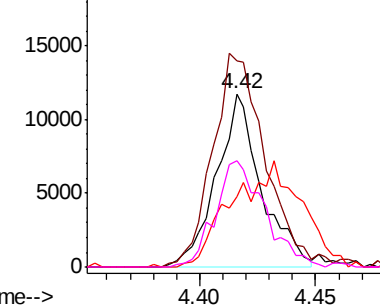


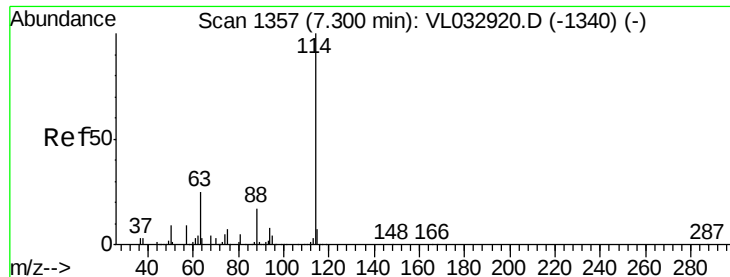
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

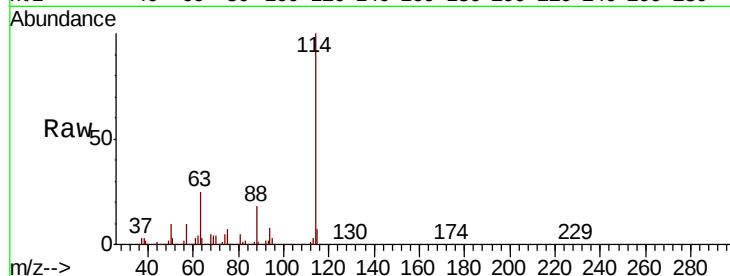




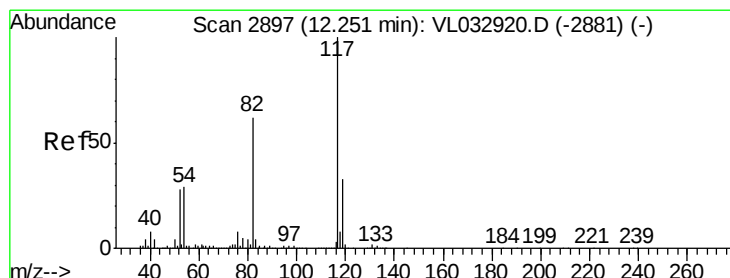
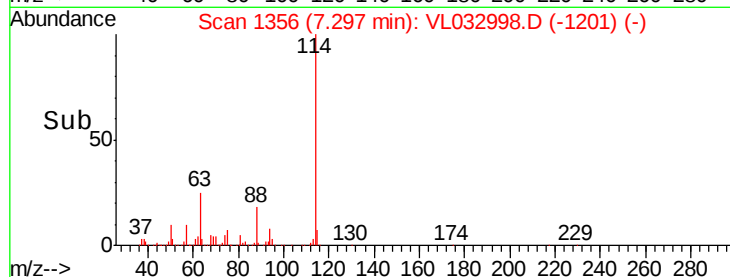
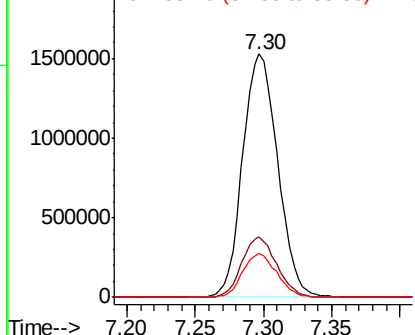
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.30 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VL032998.D
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 VL1217ABL01

Tot Ion:114 Resp: 2733405
 Ion Ratio Lower Upper
 114 100
 63 24.6 20.1 30.1
 88 17.7 14.2 21.4

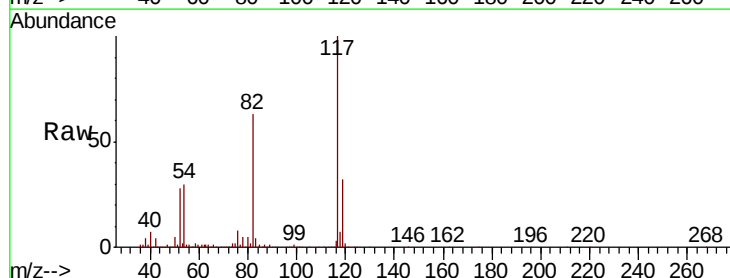


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

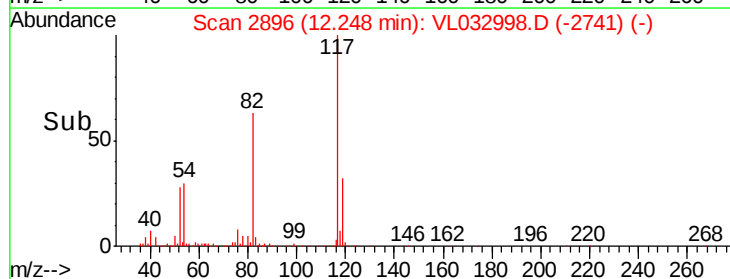
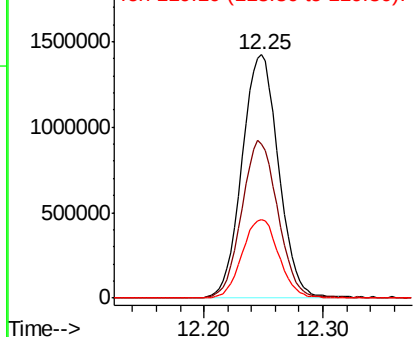


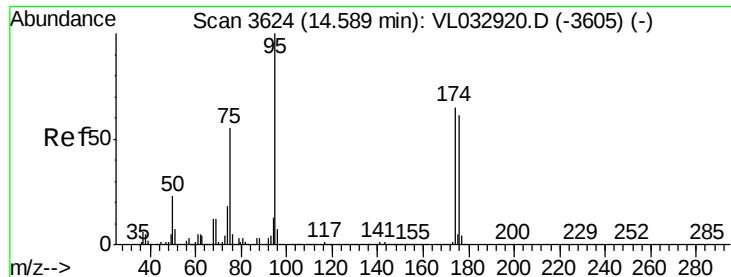
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.25 min Scan# 2896
 Delta R.T. -0.00 min
 Lab File: VL032998.D
 Acq: 17 Dec 2018 14:32

Tgt Ion:117 Resp: 3028683
 Ion Ratio Lower Upper
 117 100
 82 64.4 47.8 71.8
 119 32.7 43.1 64.7#



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: 9.970 ppbv

RT: 14.58 min Scan# 3622

Delta R.T. -0.01 min

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Acq: 17 Dec 2018 14:32

Instrument :

MSVOA_L

ClientSampleId :

VL1217ABL01

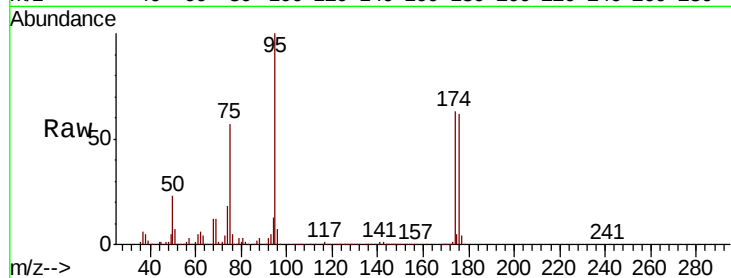
Tot Ion: 95 Resp: 2230876

Ion Ratio Lower Upper

95 100

174 66.7 51.4 77.0

175 4.9 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

