

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062918\
Data File : VL032153.D
Acq On : 29 Jun 2018 23:51
Operator : SY/AP
Sample : VL0629ABL01
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0629ABL01

Manual Integrations
APPROVED

MMDadoda
7/3/2018 5:16:32 PM

Quant Time: Jul 03 14:40:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL062918AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 29 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	5.85	49	1683555	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.38	114	4406030	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.34	117	3960757	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.68	95	3113525	10.28	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.49	84	7870m	0.11	ppbv	

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

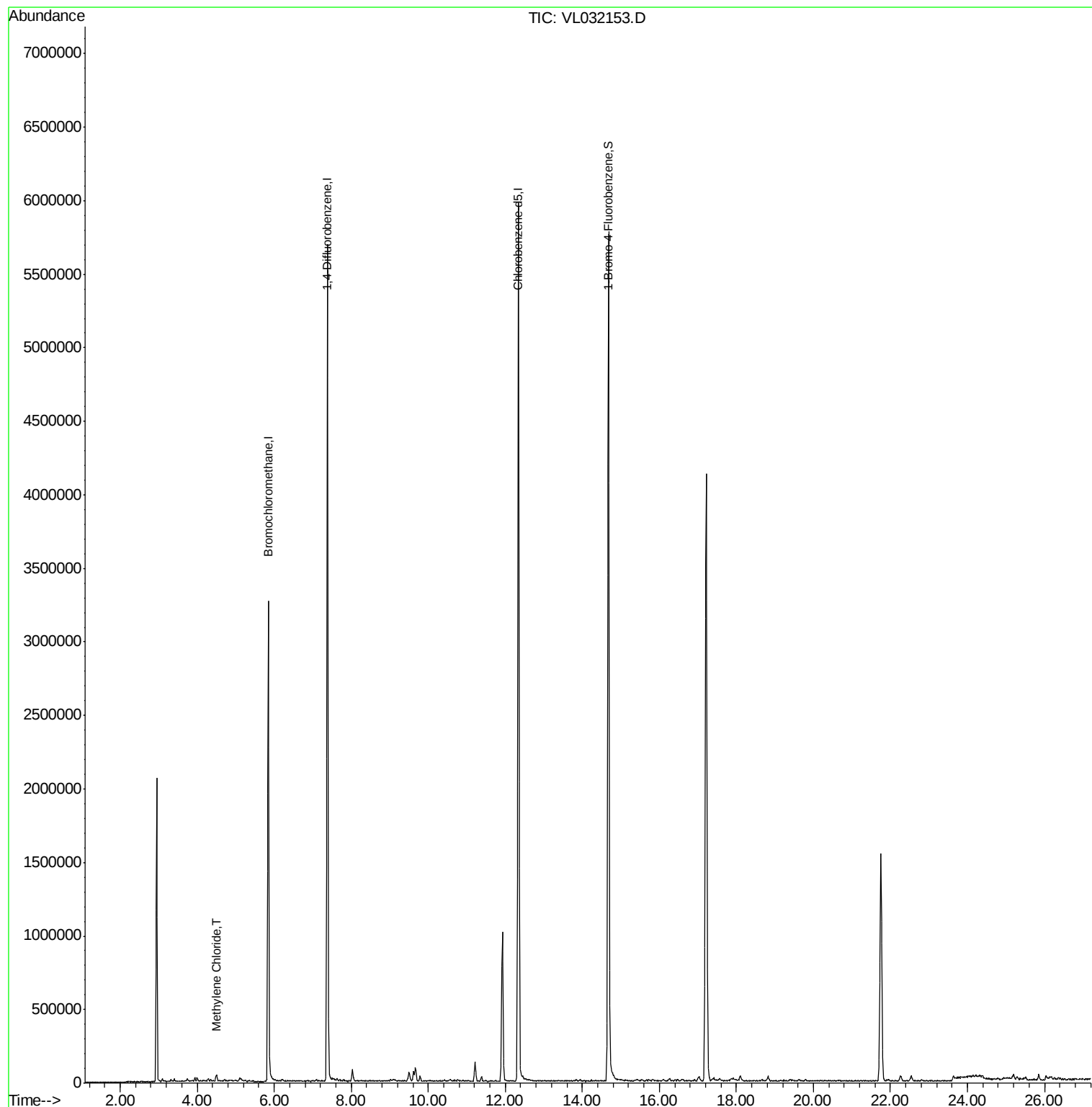
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL062918\
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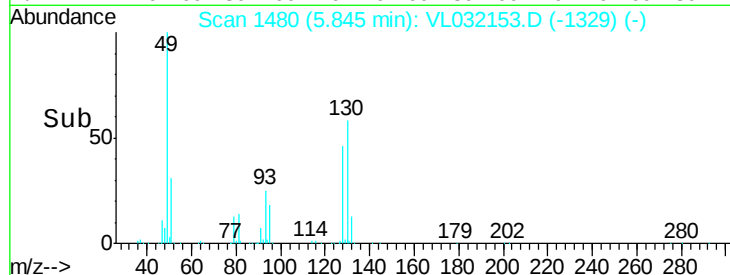
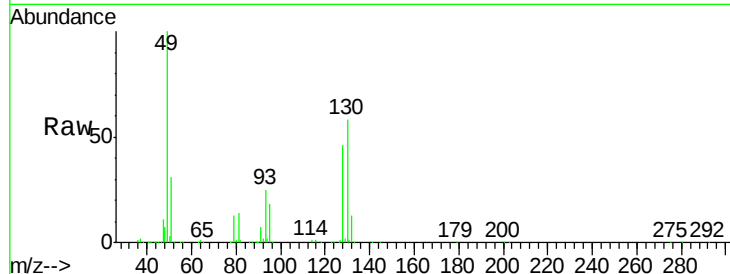
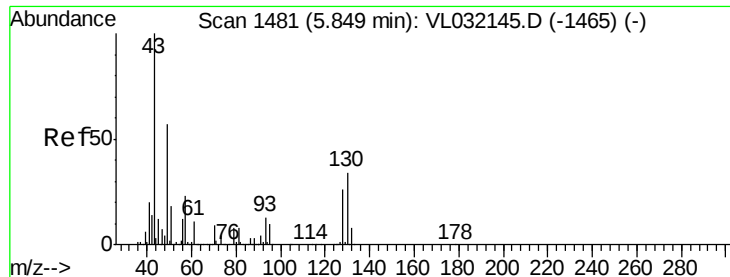
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL062918AIR.M
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QLast Update : Fri Jun 29 22:27:58 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.85 min Scan# 1480

Delta R.T. -0.02 min

Lab File: VL032153.D

Acq: 29 Jun 2018 23:51

Tot Ion: 49 Resp: 1683555

Ion Ratio Lower Upper

49 100

128 46.2 23.4 70.0

130 59.0 30.3 90.9

Instrument :

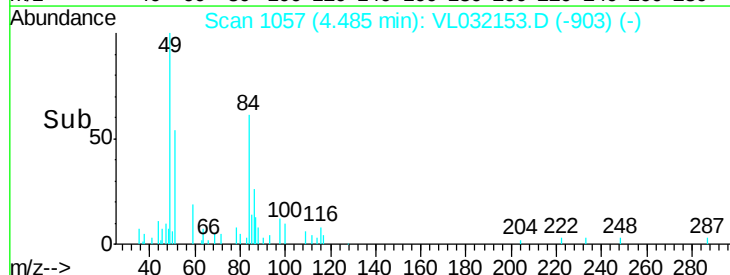
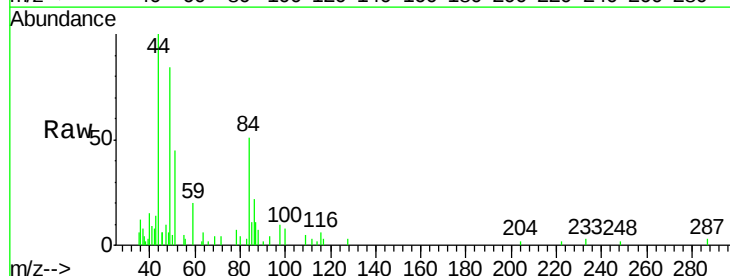
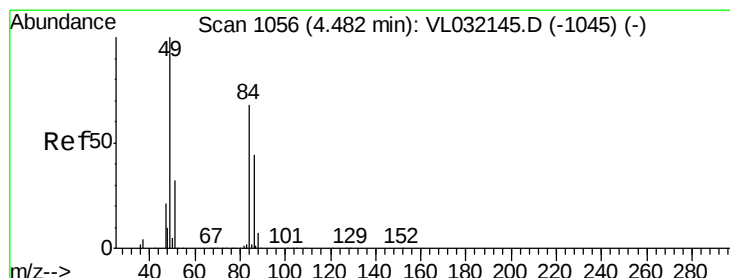
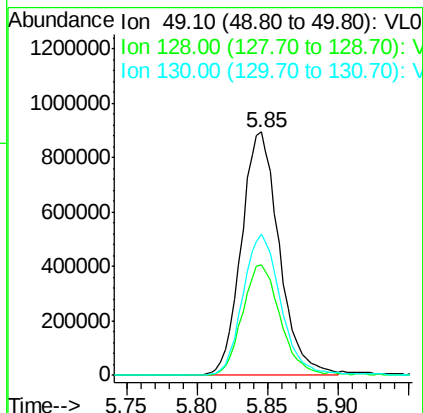
MSVOA_L

ClientSampleId :

VL0629ABL01

Manual Integrations
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#20

Methylene Chloride

Concen: 0.11 ppbv m

RT: 4.49 min Scan# 1057

Delta R.T. -0.01 min

Lab File: VL032153.D

Acq: 29 Jun 2018 23:51

Tgt Ion: 84 Resp: 7870

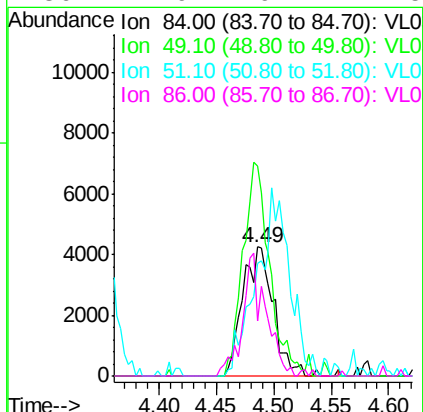
Ion Ratio Lower Upper

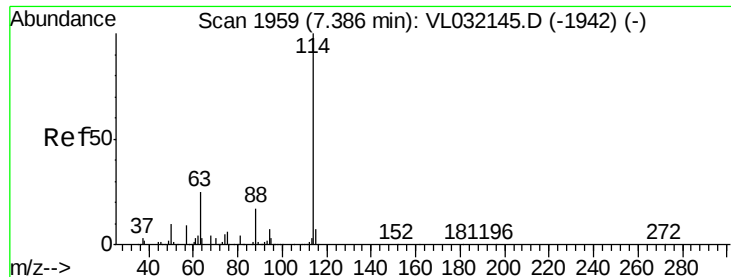
84 100

49 163.1 119.6 179.4

51 87.6 36.3 54.5#

86 42.9 49.7 74.5#





#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.38 min Scan# 1958

Delta R.T. -0.02 min

Lab File: VL032153.D

Acq: 29 Jun 2018 23:51

Instrument :

MSVOA_L

ClientSampleId :

VL0629ABL01

Tot Ion:114 Resp: 4406030

Ion Ratio Lower Upper

114 100

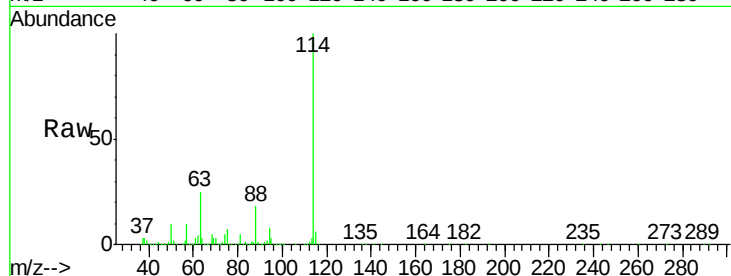
63 25.8 19.1 28.7

88 18.5 13.9 20.9

Manual Integrations
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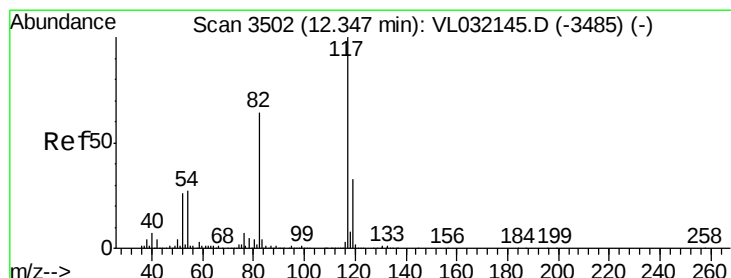
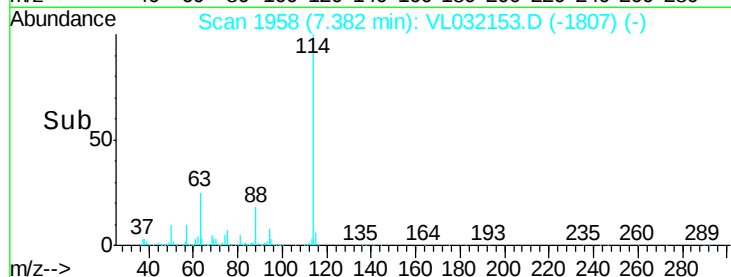
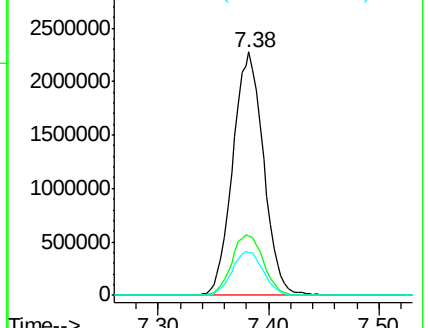
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Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#55

Chlorobenzene-d5

Concen: 10.00 ppbv

RT: 12.34 min Scan# 3500

Delta R.T. -0.02 min

Lab File: VL032153.D

Acq: 29 Jun 2018 23:51

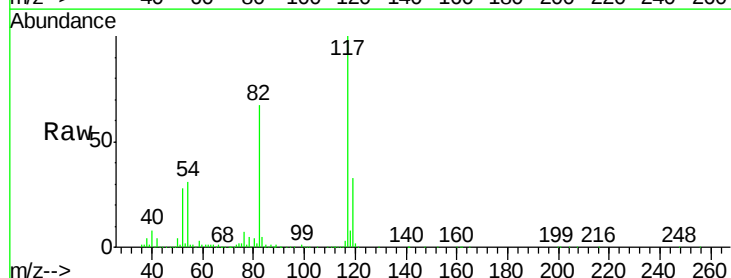
Tgt Ion:117 Resp: 3960757

Ion Ratio Lower Upper

117 100

82 67.8 47.8 71.8

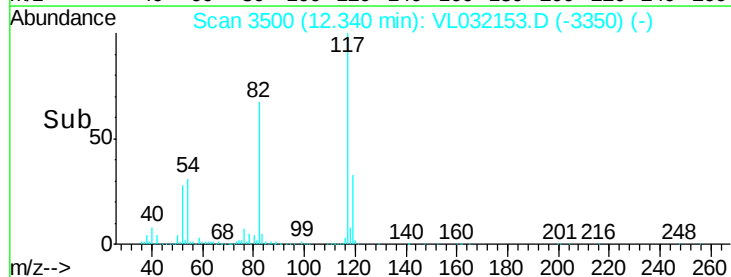
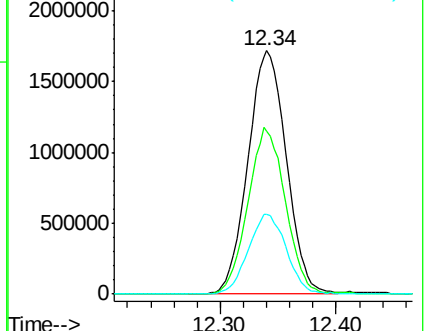
119 32.6 43.3 64.9#

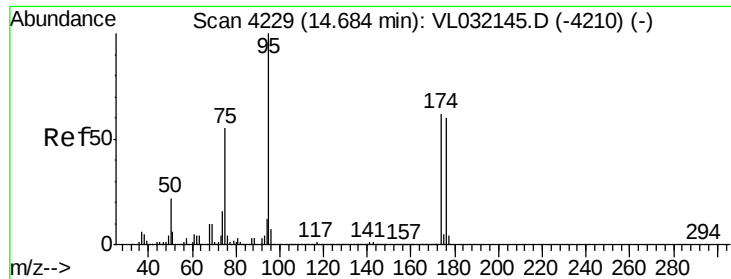


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.28 ppbv
 RT: 14.68 min Scan# 4227
 Delta R.T. -0.02 min
 Lab File: VL032153.D
 Acq: 29 Jun 2018 23:51

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0629ABL01

Tot Ion	Ratio	Lower	Upper
95	100		
174	58.5	52.1	78.1
175	4.4	4.0	6.0

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