

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062719\
 Data File : VV011767.D
 Acq On : 26 Jun 2019 18:33
 Operator : SY/MD
 Sample : MDL02
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

Quant Time: Jun 27 05:11:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062719SIM.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 27 04:08:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	8293	0.50	ug/L	0.00
5) Chlorobenzene-d5	8.89	117	7391	0.50	ug/L	-0.01
10) 1,4-Dichlorobenzene-d4	11.29	152	3054	0.50	ug/L	-0.01

System Monitoring Compounds

2) Vinyl Chloride-d3	1.32	65	4179	0.49	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	98.00%
4) 1,2-Dichloroethane-d4	5.08	65	3551	0.51	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	102.00%
7) Toluene-d8	7.36	98	8968	0.49	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	98.00%
9) 1,1,2,2-Tetrachloroethane-	10.24	84	2524	0.51	ug/L	-0.01
Spiked Amount	0.500	Range	65 - 120	Recovery	=	102.00%
11) 1-2-dichlorobenzene-d4	11.67	152	3144	0.49	ug/L	-0.01
Spiked Amount	0.500	Range	80 - 120	Recovery	=	98.00%

Target Compounds

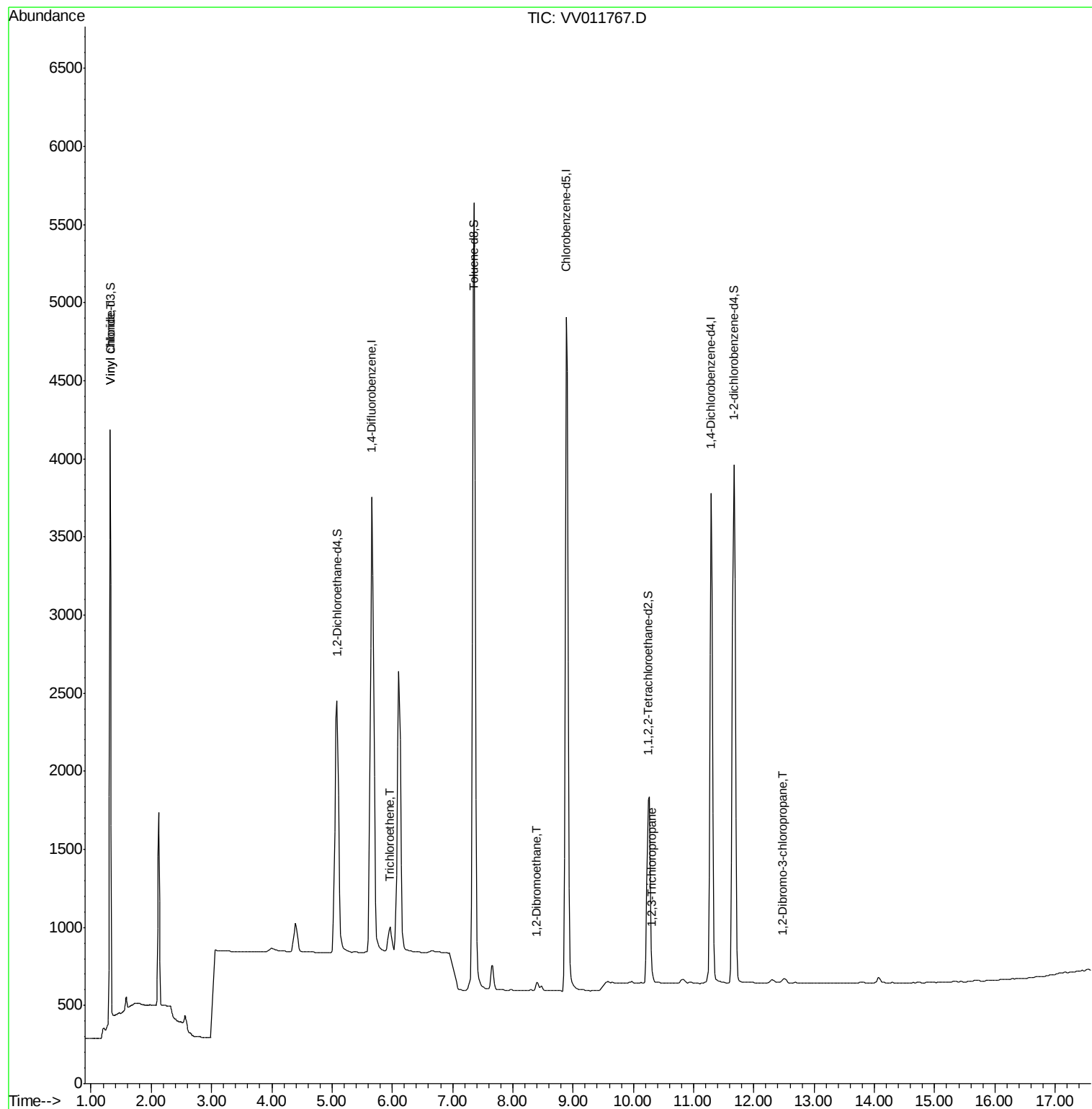
					Qvalue
3) Vinyl chloride	1.32	62	256	0.031	ug/L # 1
6) Trichloroethene	5.97	95	192	0.029	ug/L # 83
8) 1,2-Dibromoethane	8.39	107	110	0.029	ug/L # 80
12) 1,2,3-Trichloropropane	10.31	75	101	0.026	ug/L # 89
13) 1,2-Dibromo-3-chloropropan	12.47	75	25	0.038	ug/L 93

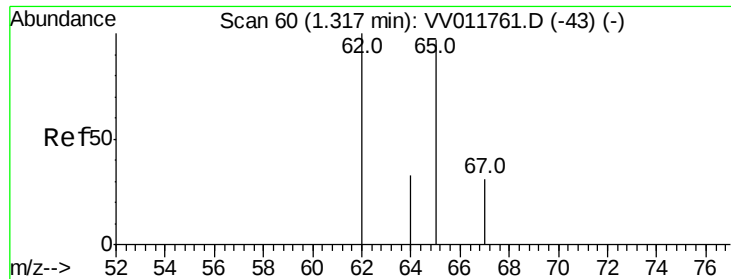
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Vinyl chloride

Concen: 0.031 ug/L

RT: 1.32 min Scan# 60

Delta R.T. 0.00 min

Lab File: VV011767.D

Acq: 26 Jun 2019 18:33

Instrument :

MSVOA_V

ClientSampled :

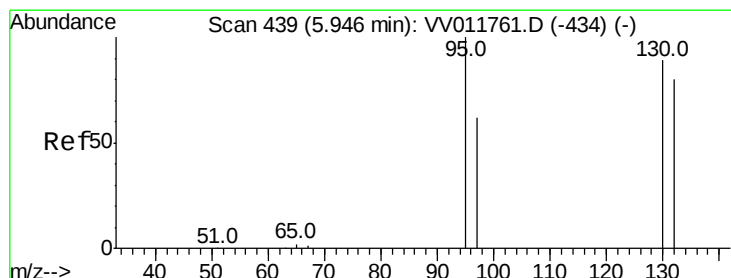
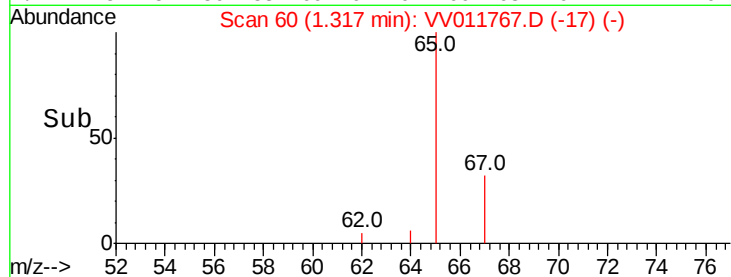
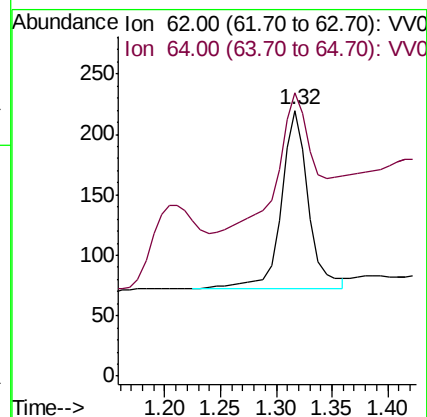
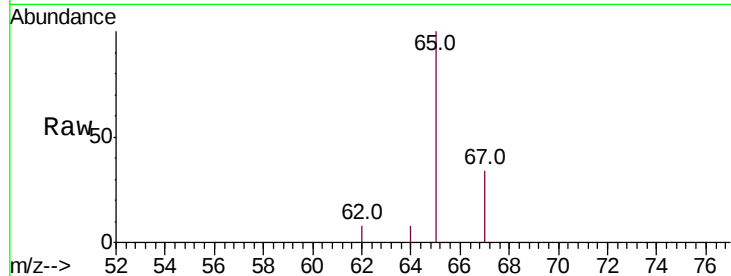
MDL02

Tot Ion: 62 Resp: 256

Ion Ratio Lower Upper

62 100

64 106.4 24.9 46.3#



#6

Trichloroethene

Concen: 0.029 ug/L

RT: 5.97 min Scan# 440

Delta R.T. 0.02 min

Lab File: VV011767.D

Acq: 26 Jun 2019 18:33

Tgt Ion: 95 Resp: 192

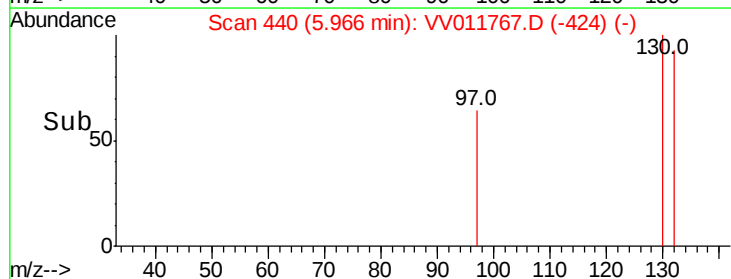
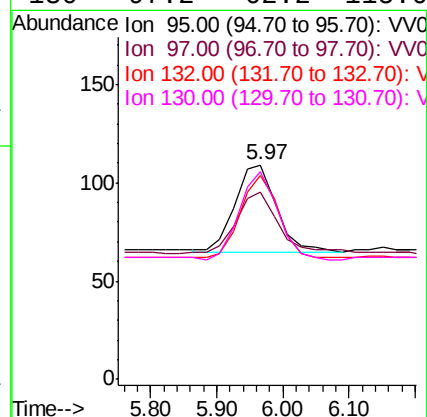
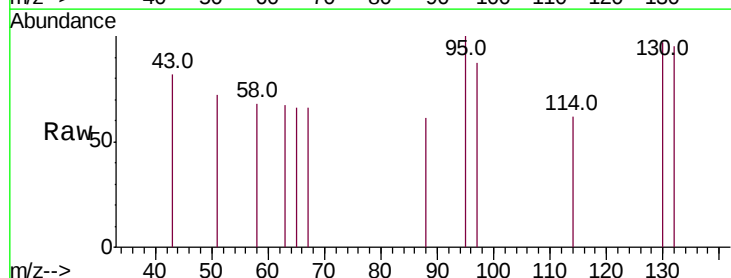
Ion Ratio Lower Upper

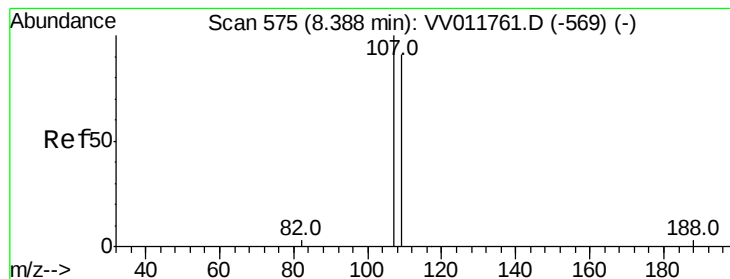
95 100

97 87.2 45.1 83.7#

132 95.4 56.6 105.2

130 97.2 62.2 115.6





#8

1,2-Dibromoethane

Concen: 0.029 ug/L

RT: 8.39 min Scan# 575

Delta R.T. 0.01 min

Lab File: VV011767.D

Acq: 26 Jun 2019 18:33

Instrument :

MSVOA_V

ClientSampleId :

MDL02

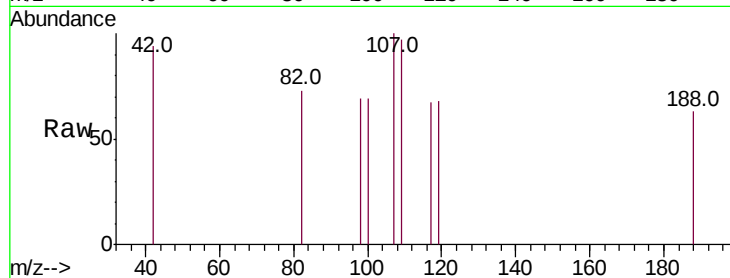
Tot Ion:107 Resp: 110

Ion Ratio Lower Upper

107 100

109 96.8 64.3 119.5

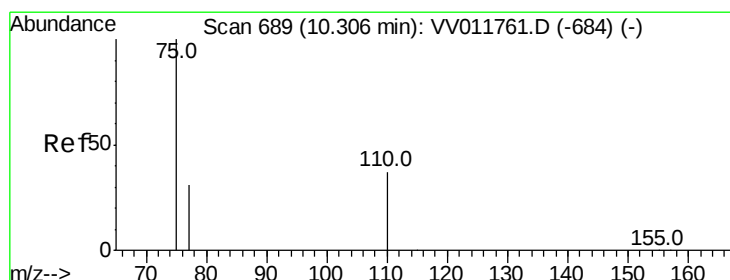
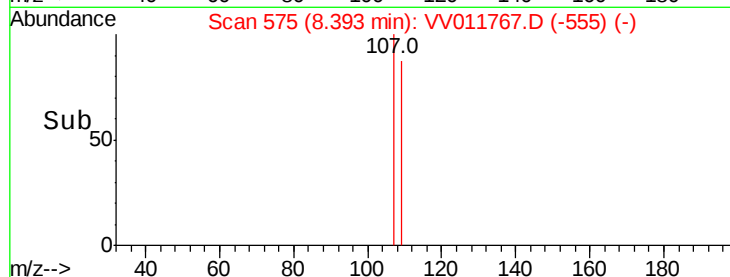
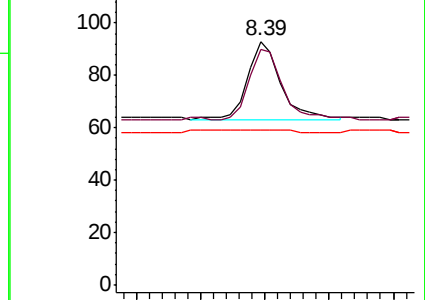
188 63.4 9.7 14.5#



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

Ion 188.00 (187.70 to 188.70): V



#12

1,2,3-Trichloropropane

Concen: 0.026 ug/L

RT: 10.31 min Scan# 689

Delta R.T. 0.01 min

Lab File: VV011767.D

Acq: 26 Jun 2019 18:33

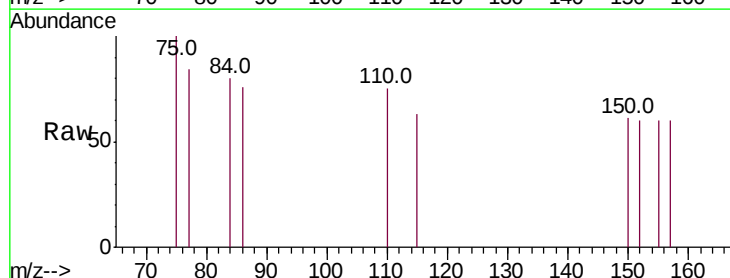
Tgt Ion: 75 Resp: 101

Ion Ratio Lower Upper

75 100

110 41.6 33.0 49.4

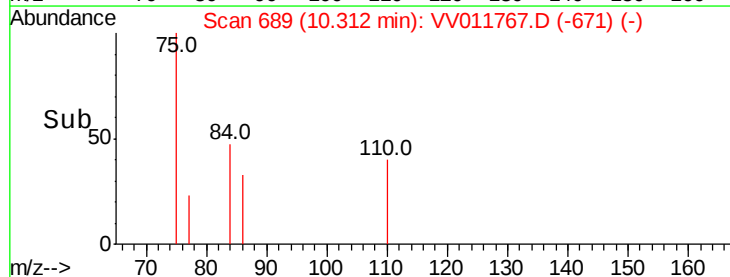
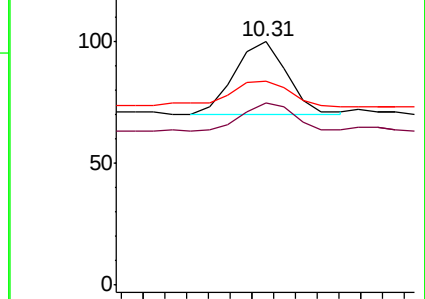
77 45.5 25.3 37.9#

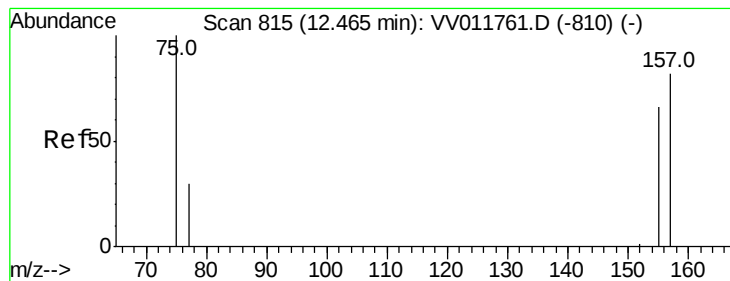


Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VV0





#13

1,2-Dibromo-3-chloropropane

Concen: 0.038 ug/L

RT: 12.47 min Scan# 815

Delta R.T. 0.01 min

Lab File: VV011767.D

Acq: 26 Jun 2019 18:33

Instrument :

MSVOA_V

ClientSampleId :

MDL02

Tot Ion: 75 Resp: 25

Ion Ratio Lower Upper

75 100

157 85.3 66.9 100.3

155 85.3 59.4 89.2

