

Data File : VV011841.D
Acq On : 08 Jul 2019 19:06
Operator : SY/MD
Sample : VSTDCCC0.5EC
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5171

Quant Time: Jul 09 02:07:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070819SIM.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 09 02:02:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	9238	0.50	ug/L	0.00
5) Chlorobenzene-d5	8.89	117	7484	0.50	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	11.30	152	3339	0.50	ug/L	0.00

System Monitoring Compounds

2) Vinyl Chloride-d3	1.32	65	4113	0.41	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	82.00%
4) 1,2-Dichloroethane-d4	5.09	65	3060	0.40	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	80.00%
7) 1,2-Dichloropropane-d6	6.12	67	3569	0.49	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	=	98.00%
8) Toluene-d8	7.35	98	8833	0.47	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	94.00%
10) 1,1,2,2-Tetrachloroethane-	10.25	84	2198	0.48	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	96.00%

Target Compounds

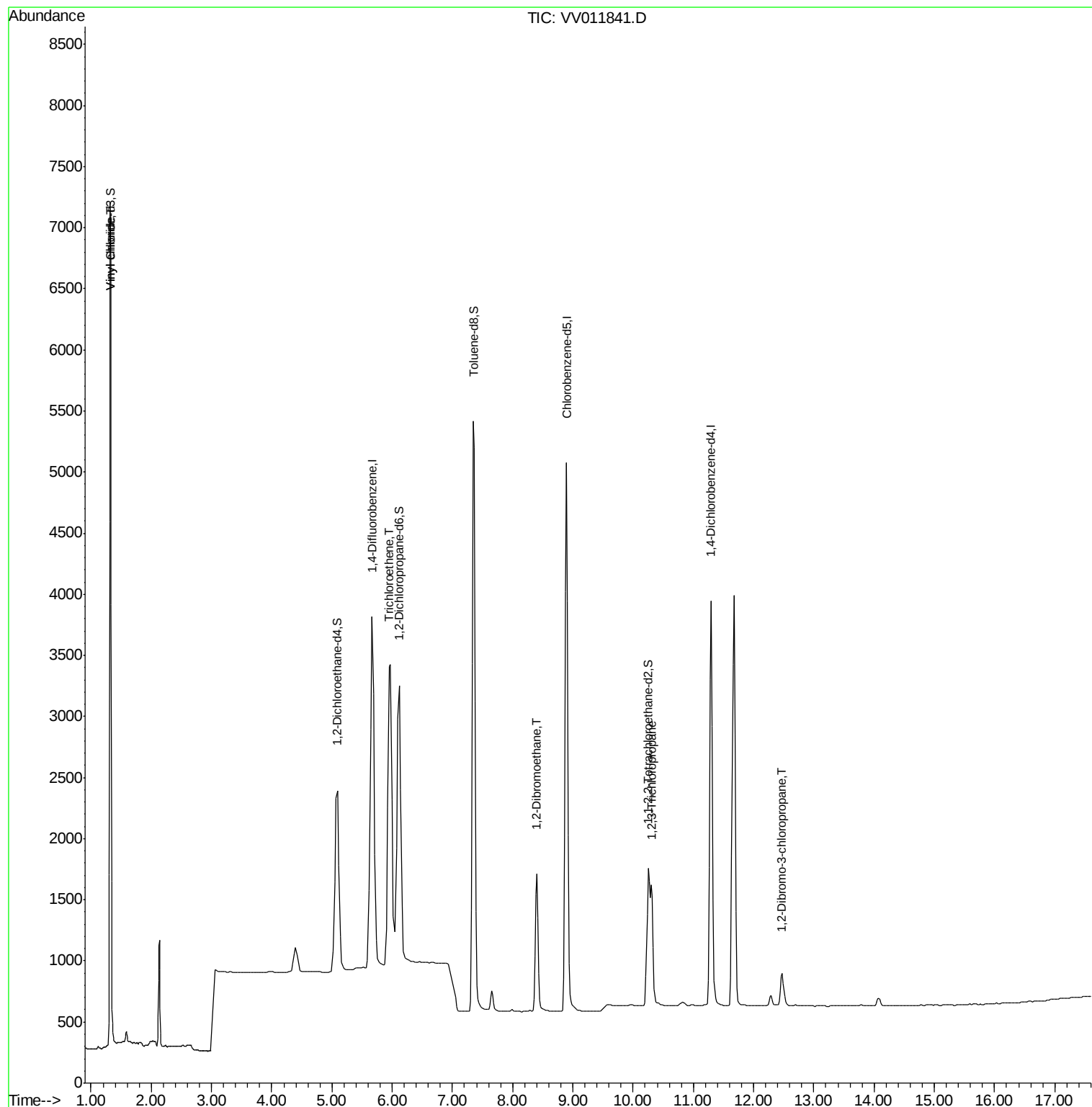
						Qvalue
3) Vinyl chloride	1.32	62	4178	0.436	ug/L	100
6) Trichloroethene	5.95	95	3326	0.483	ug/L	99
9) 1,2-Dibromoethane	8.40	107	1851	0.496	ug/L	99
12) 1,2,3-Trichloropropane	10.30	75	1910	0.525	ug/L	98
13) 1,2-Dibromo-3-chloropropan	12.46	75	307	0.460	ug/L	99

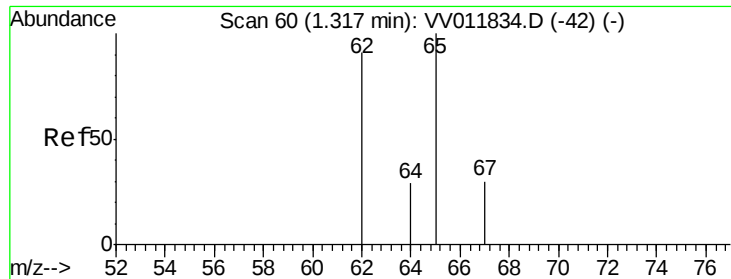
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Vinyl chloride

Concen: 0.436 ug/L

RT: 1.32 min Scan# 60

Delta R.T. 0.00 min

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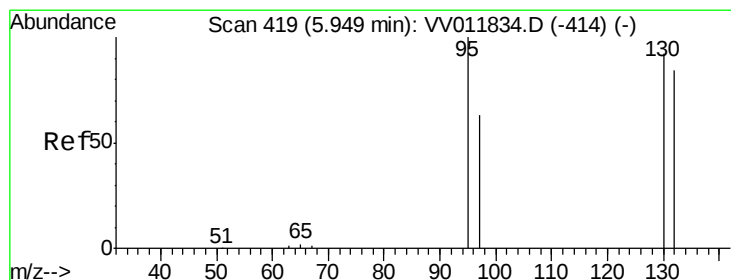
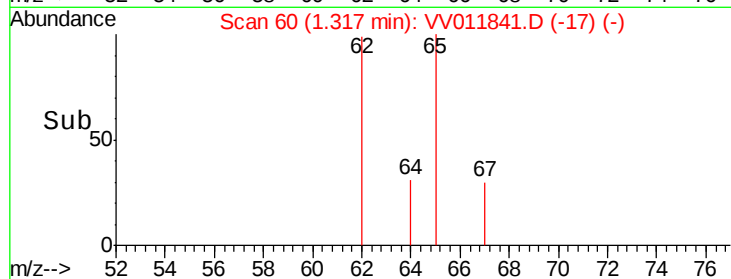
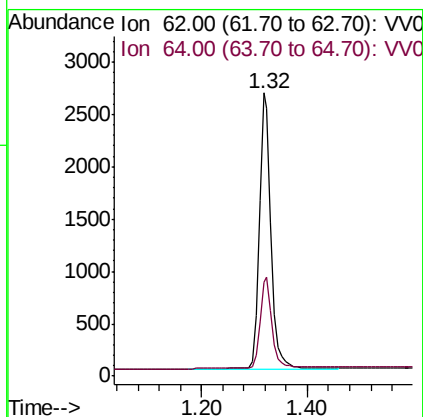
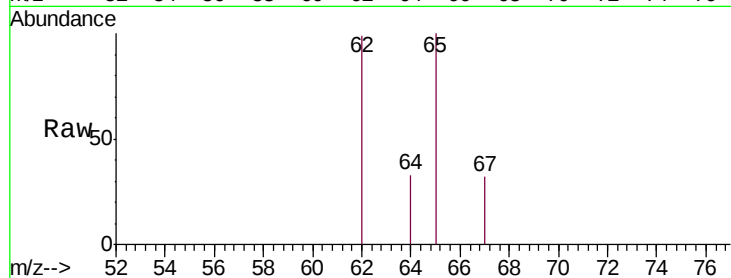
VSTD0.5171

Tgt Ion: 62 Resp: 4178

Ion Ratio Lower Upper

62 100

64 33.2 23.2 43.2



#6

Trichloroethene

Concen: 0.483 ug/L

RT: 5.95 min Scan# 419

Delta R.T. 0.00 min

Lab File: VV011841.D

Acq: 08 Jul 2019 19:06

Tgt Ion: 95 Resp: 3326

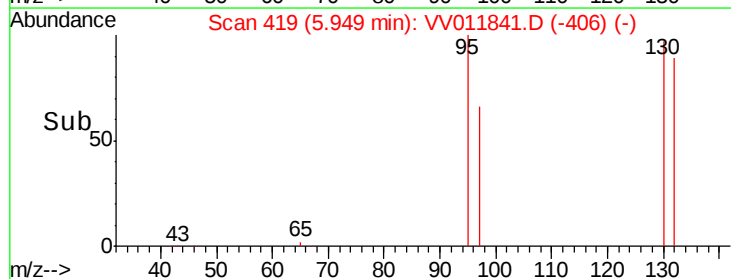
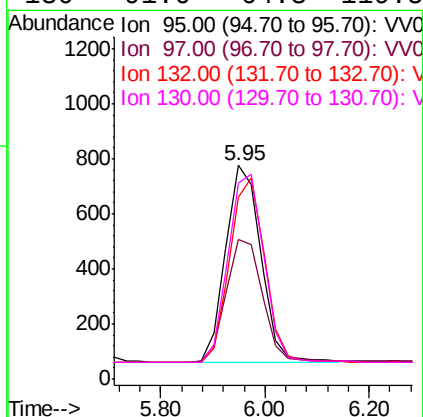
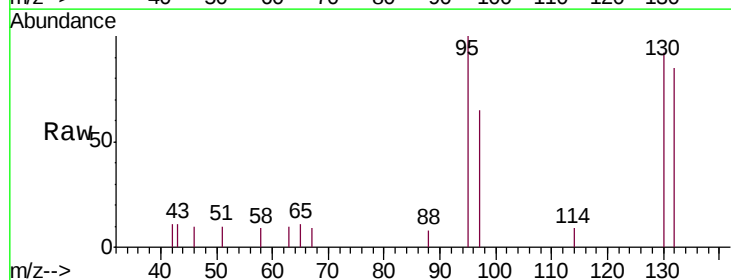
Ion Ratio Lower Upper

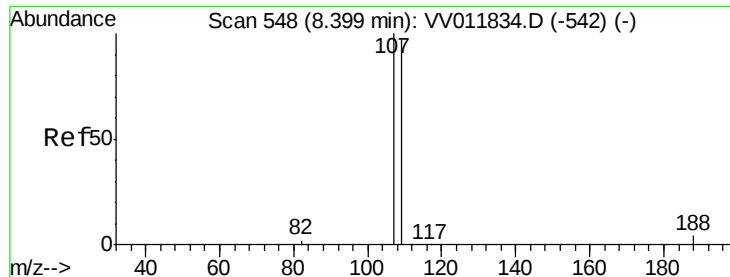
95 100

97 65.3 46.2 85.8

132 85.1 59.0 109.6

130 91.6 64.3 119.5





#9

1,2-Dibromoethane

Concen: 0.496 ug/L

RT: 8.40 min Scan# 548

Delta R.T. 0.00 min

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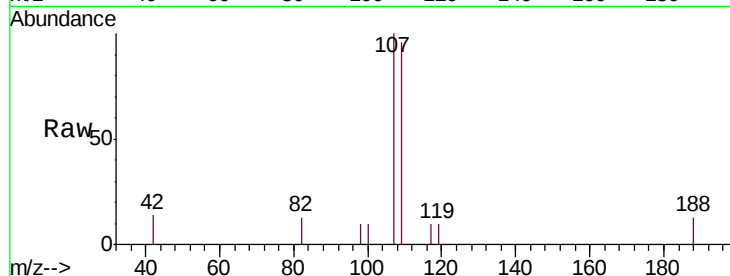
Tgt Ion: 107 Resp: 1851

Ion Ratio Lower Upper

107 100

109 95.8 67.7 125.7

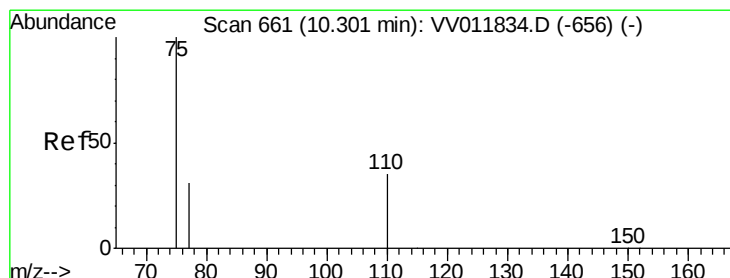
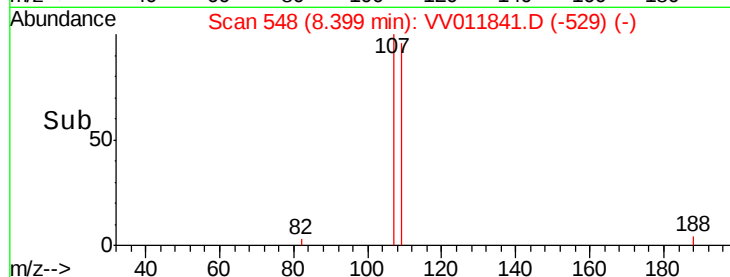
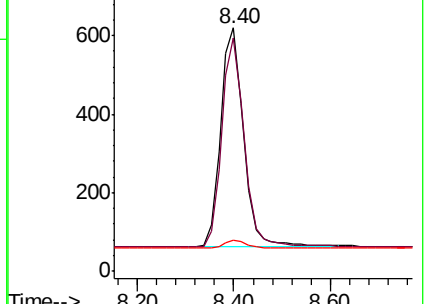
188 12.7 9.8 14.8



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: 0.525 ug/L

RT: 10.30 min Scan# 661

Delta R.T. 0.00 min

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Acq: 08 Jul 2019 19:06

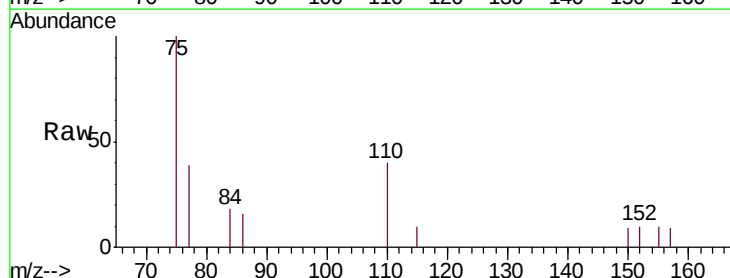
Tgt Ion: 75 Resp: 1910

Ion Ratio Lower Upper

75 100

110 38.6 32.2 48.4

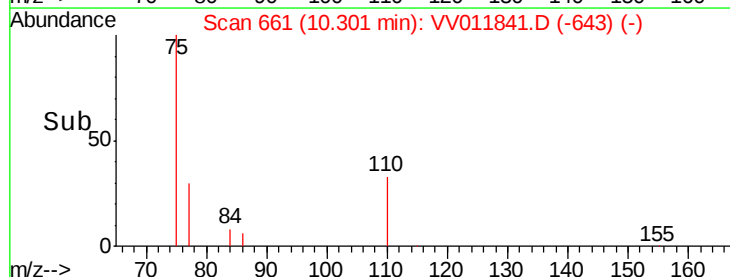
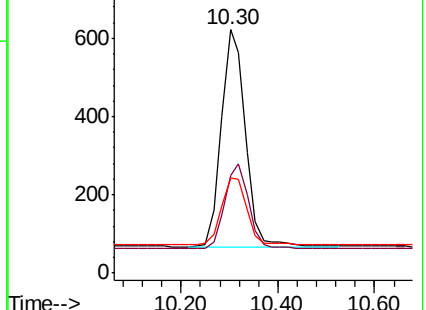
77 31.9 25.3 37.9

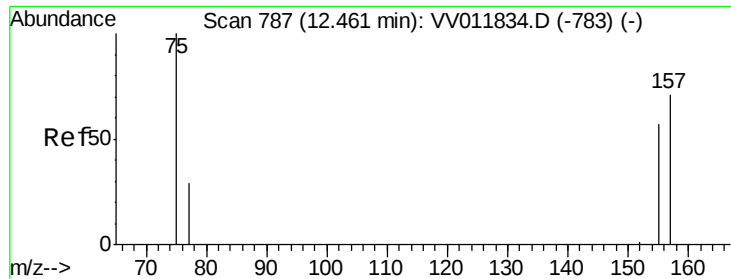


Abundance Ion 75.00 (74.70 to 75.70): VV0

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: 0.460 ug/L

RT: 12.46 min Scan# 787

Delta R.T. 0.00 min

Lab File: VV011841.D

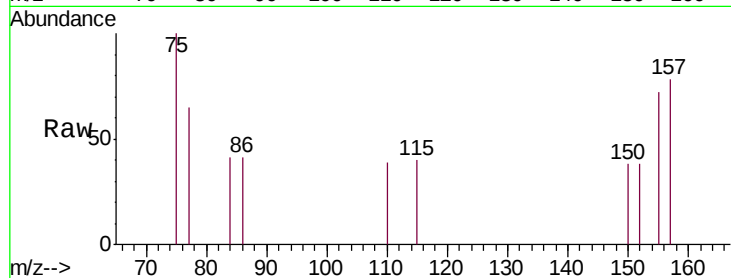
Acq: 08 Jul 2019 19:06

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5171



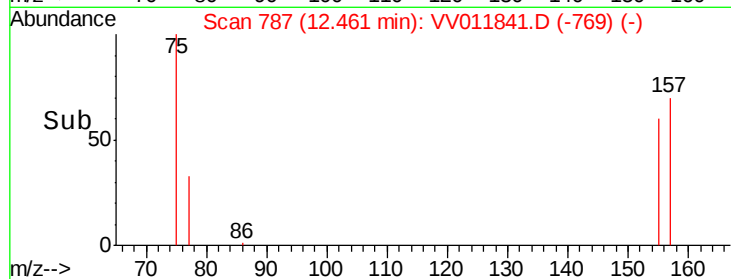
Tgt Ion: 75 Resp: 307

Ion Ratio Lower Upper

75 100

157 77.8 62.2 93.4

155 71.5 55.6 83.4



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 157.00 (156.70 to 157.70): V

Ion 155.00 (154.70 to 155.70): V

Time-->

12.46

12.40 12.60