

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092019\
 Data File : VV012920.D
 Acq On : 20 Sep 2019 12:39
 Operator : SY/MD
 Sample : K4649-08MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A5169MSD

Quant Time: Sep 20 23:44:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070819SIM.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 20 23:41:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	11012	0.50	ug/L	0.00
5) Chlorobenzene-d5	8.89	117	9767	0.50	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	11.30	152	3987	0.50	ug/L	0.00

System Monitoring Compounds

2) Vinyl Chloride-d3	1.32	65	2236	0.19	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	38.00%#
4) 1,2-Dichloroethane-d4	5.09	65	3161	0.35	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	70.00%
7) 1,2-Dichloropropane-d6	6.12	67	4288	0.45	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	=	90.00%
8) Toluene-d8	7.35	98	8067	0.33	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	66.00%#
10) 1,1,2,2-Tetrachloroethane-	10.25	84	3366	0.57	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	114.00%

Target Compounds

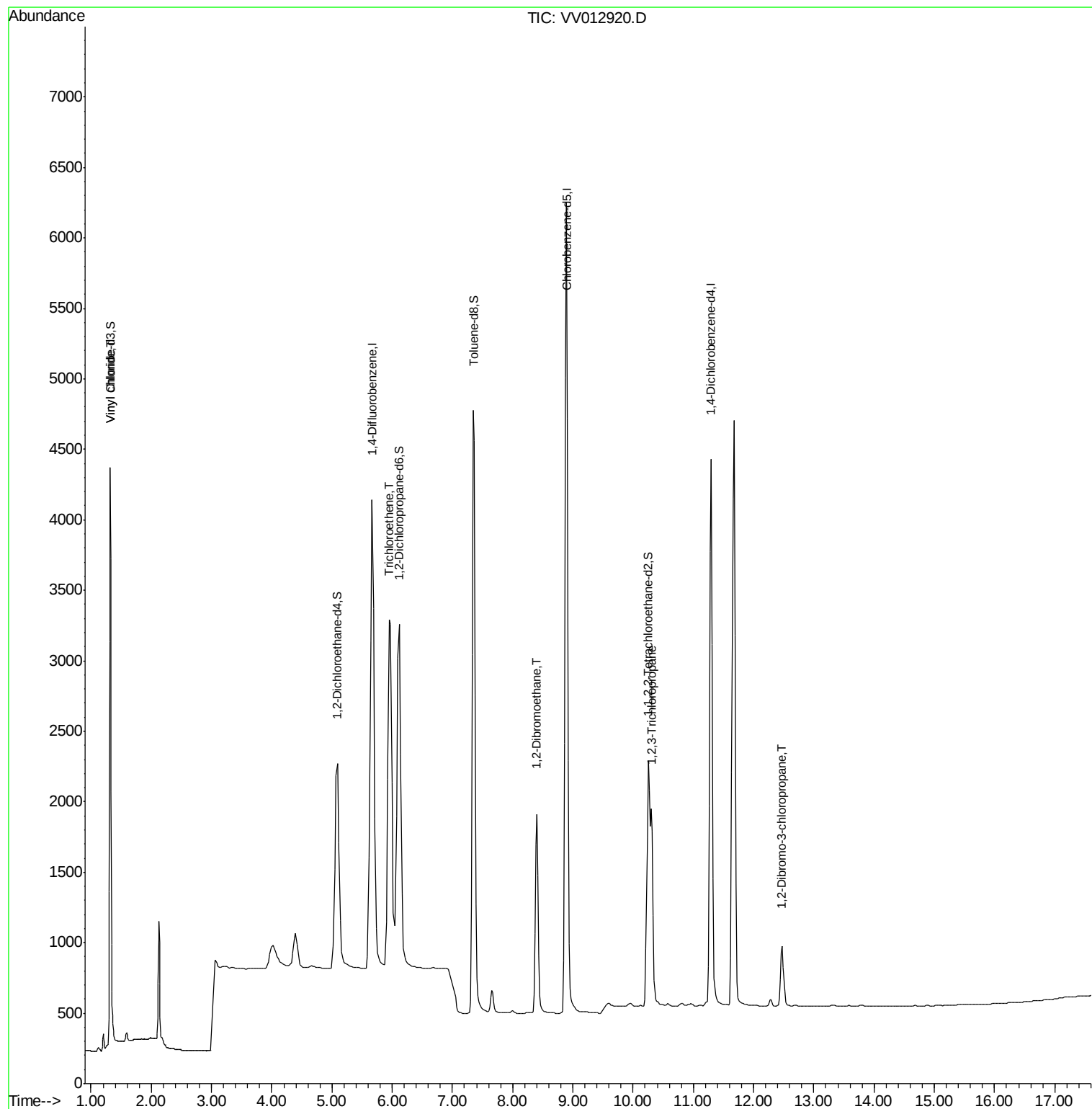
					Qvalue
3) Vinyl chloride	1.32	62	2955	0.258	ug/L 97
6) Trichloroethene	5.95	95	3329	0.370	ug/L 98
9) 1,2-Dibromoethane	8.40	107	2327	0.478	ug/L 99
12) 1,2,3-Trichloropropane	10.30	75	2639	0.608	ug/L 98
13) 1,2-Dibromo-3-chloropropan	12.46	75	462	0.580	ug/L 95

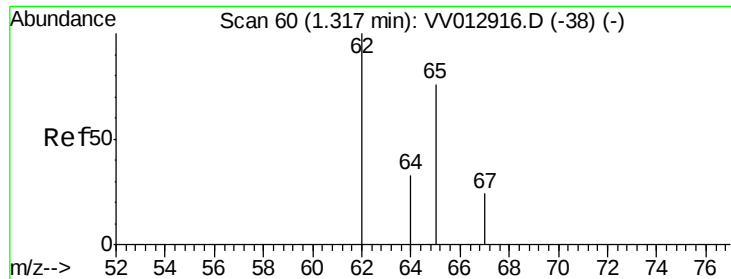
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Vinyl chloride

Concen: 0.258 ug/L

RT: 1.32 min Scan# 60

Delta R.T. 0.00 min

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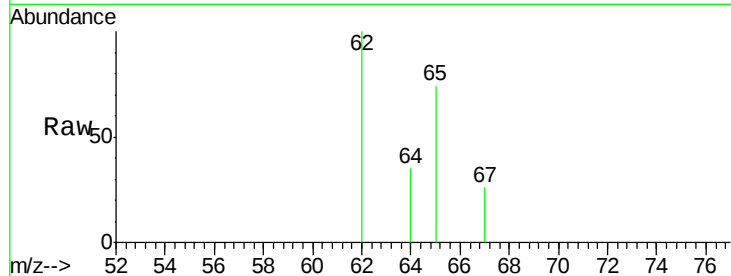
A5169MSD

Tgt Ion: 62 Resp: 2955

Ion Ratio Lower Upper

62 100

64 34.8 23.2 43.2



Abundance Ion 62.00 (61.70 to 62.70): VV012920.D (-17) (-)

Ion 64.00 (63.70 to 64.70): VV012920.D (-17) (-)

1.32

2000

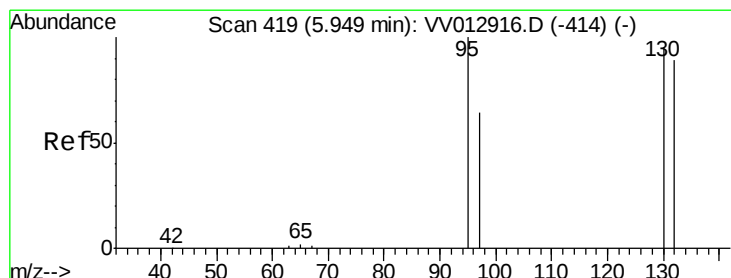
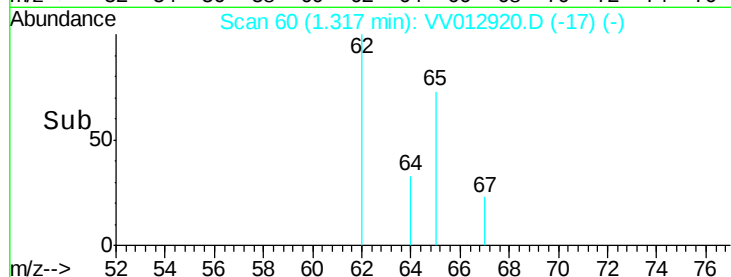
1500

1000

500

0

Time-->



#6

Trichloroethene

Concen: 0.370 ug/L

RT: 5.95 min Scan# 419

Delta R.T. 0.00 min

Lab File: VV012920.D

Acq: 20 Sep 2019 12:39

Tgt Ion: 95 Resp: 3329

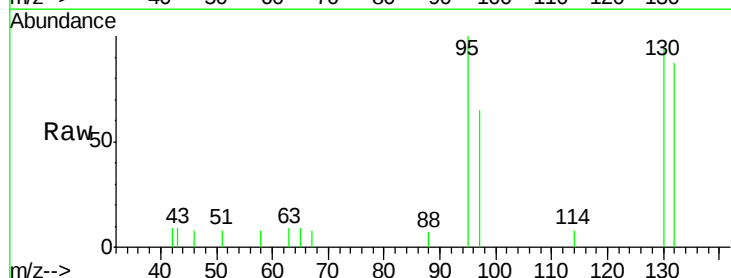
Ion Ratio Lower Upper

95 100

97 65.1 46.2 85.8

132 86.8 59.0 109.6

130 93.9 64.3 119.5



Abundance Ion 95.00 (94.70 to 95.70): VV012920.D (-406) (-)

Ion 97.00 (96.70 to 97.70): VV012920.D (-406) (-)

Ion 132.00 (131.70 to 132.70): VV012920.D (-406) (-)

Ion 130.00 (129.70 to 130.70): VV012920.D (-406) (-)

5.95

1200

1000

800

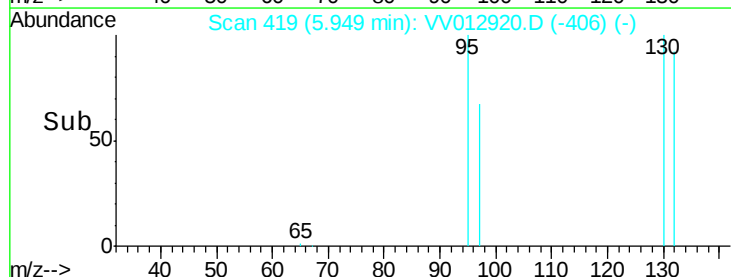
600

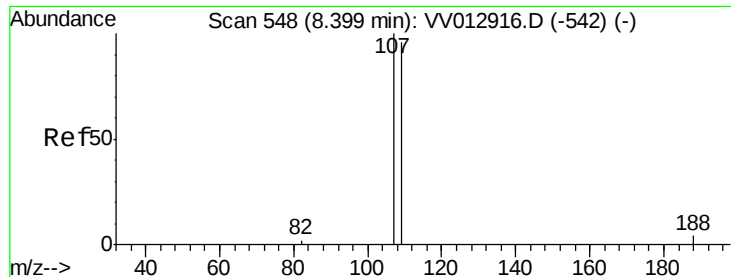
400

200

0

Time-->





#9

1,2-Dibromoethane

Concen: 0.478 ug/L

RT: 8.40 min Scan# 548

Delta R.T. 0.00 min

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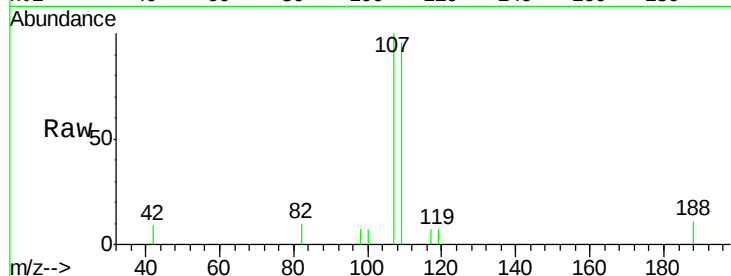
Tgt Ion: 107 Resp: 2327

Ion Ratio Lower Upper

107 100

109 96.4 67.7 125.7

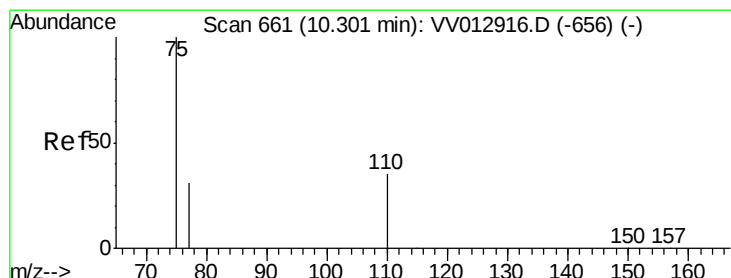
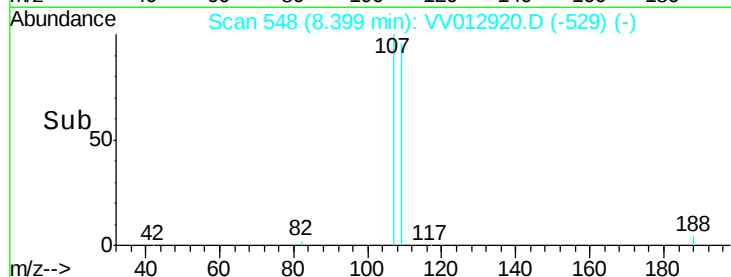
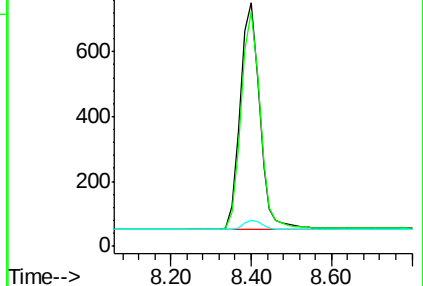
188 10.7 9.8 14.8



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: 0.608 ug/L

RT: 10.30 min Scan# 661

Delta R.T. 0.00 min

Lab File: VV012920.D

Acq: 20 Sep 2019 12:39

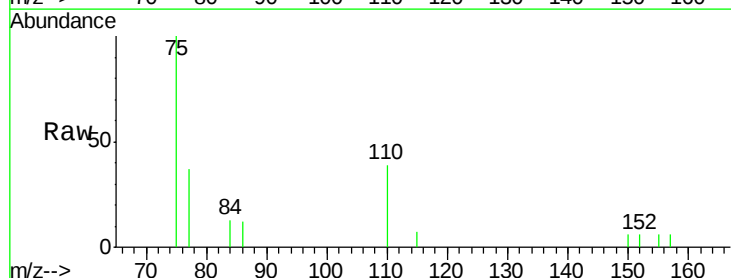
Tgt Ion: 75 Resp: 2639

Ion Ratio Lower Upper

75 100

110 39.9 32.2 48.4

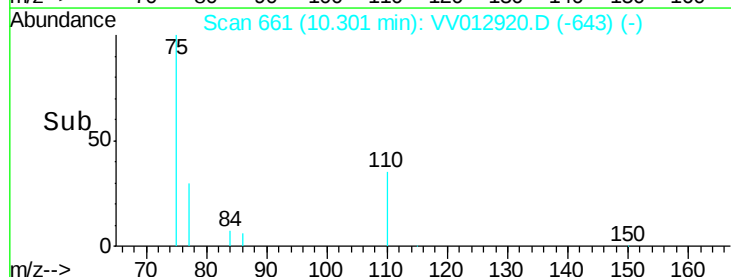
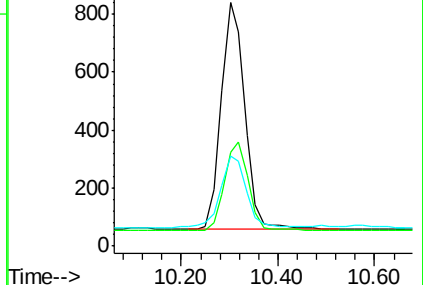
77 33.8 25.3 37.9

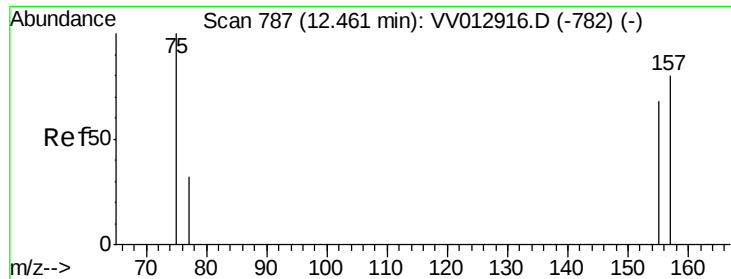


Abundance Ion 75.00 (74.70 to 75.70): VV0

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: 0.580 ug/L

RT: 12.46 min Scan# 787

Delta R.T. 0.00 min

Lab File: VV012920.D

Acq: 20 Sep 2019 12:39

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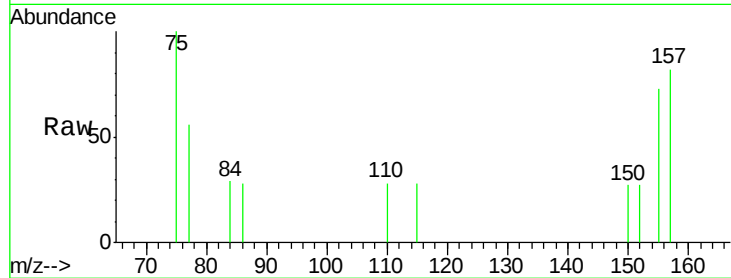
Tgt Ion: 75 Resp: 462

Ion Ratio Lower Upper

75 100

157 82.5 62.2 93.4

155 73.2 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

