

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042919\
 Data File : VV010547.D
 Acq On : 29 Apr 2019 14:02
 Operator : SY/MD
 Sample : VSTDCCC0.5EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.511

Quant Time: Apr 30 01:26:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042619SIM.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 30 01:23:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	8315	0.50	ug/L	0.00
5) Chlorobenzene-d5	8.89	117	7402	0.50	ug/L	0.00
10) 1,4-Dichlorobenzene-d4	11.29	152	3294	0.50	ug/L	0.00

System Monitoring Compounds

2) Vinyl Chloride-d3	1.32	65	2819	0.46	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	92.00%
4) 1,2-Dichloroethane-d4	5.07	65	2790	0.50	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	100.00%
7) Toluene-d8	7.35	98	8992	0.58	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	116.00%
9) 1,1,2,2-Tetrachloroethane-	10.25	84	2151	0.50	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	100.00%
11) 1-2-dichlorobenzene-d4	11.67	152	3442	0.52	ug/L	0.00
Spiked Amount	0.500	Range	80 - 120	Recovery	=	104.00%

Target Compounds

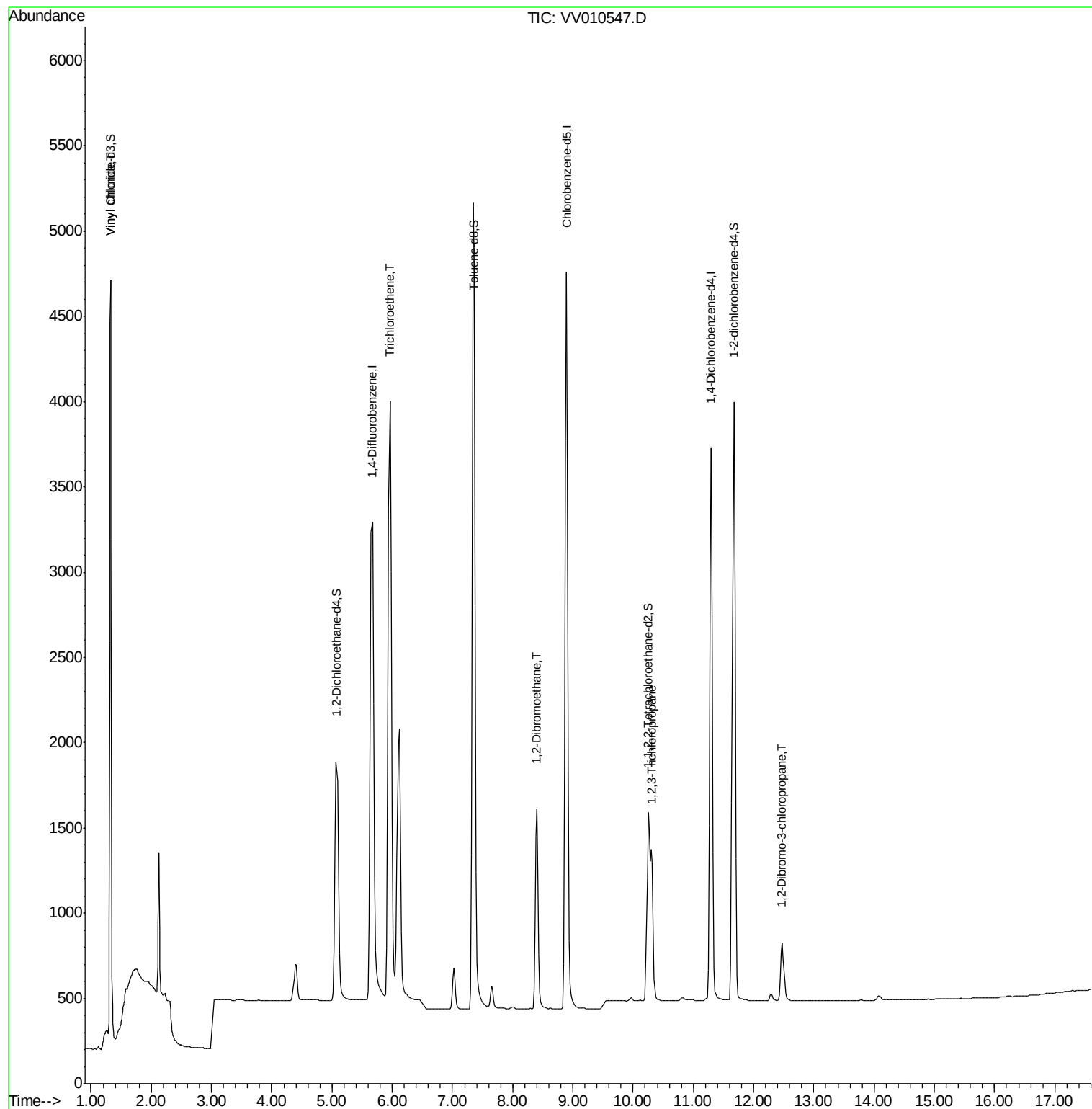
					Qvalue
3) Vinyl chloride	1.32	62	2736	0.441 ug/L	98
6) Trichloroethene	5.96	95	3312	0.531 ug/L	99
8) 1,2-Dibromoethane	8.40	107	1904	0.531 ug/L	99
12) 1,2,3-Trichloropropane	10.30	75	1631	0.579 ug/L	98
13) 1,2-Dibromo-3-chloropropan	12.46	75	339	0.442 ug/L	95

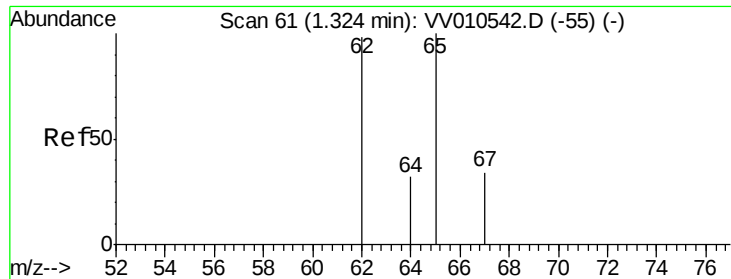
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Vinyl chloride

Concen: 0.441 ug/L

RT: 1.32 min Scan# 61

Delta R.T. -0.00 min

Lab File: VV010547.D

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MSVOA_V

ClientSampleId :

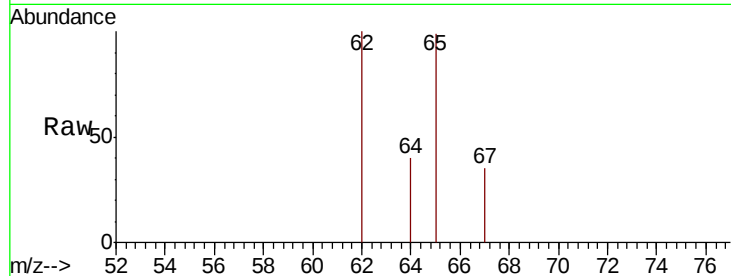
VSTD0.511

Tgt Ion: 62 Resp: 2736

Ion Ratio Lower Upper

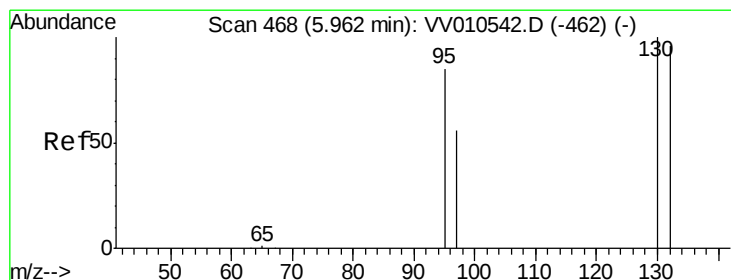
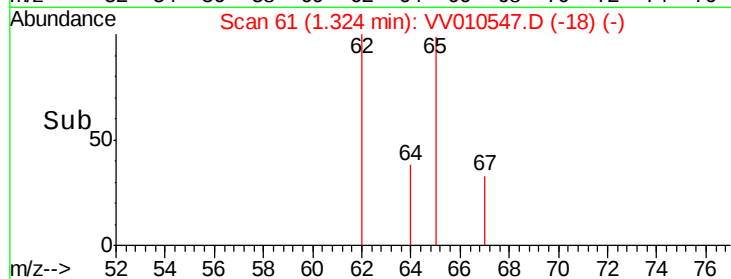
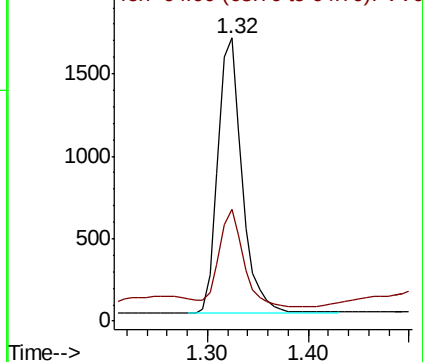
62 100

64 39.7 28.9 53.7



Abundance Ion 62.00 (61.70 to 62.70): VV010547.D (-18) (-)

Ion 64.00 (63.70 to 64.70): VV010547.D (-18) (-)



#6

Trichloroethene

Concen: 0.531 ug/L

RT: 5.96 min Scan# 468

Delta R.T. -0.00 min

Lab File: VV010547.D

Acq: 29 Apr 2019 14:02

Tgt Ion: 95 Resp: 3312

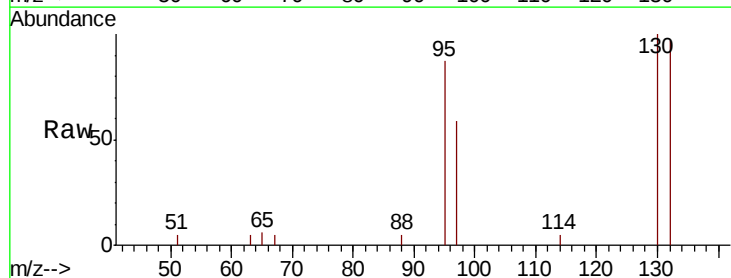
Ion Ratio Lower Upper

95 100

97 67.7 48.0 89.2

132 112.0 78.1 145.1

130 115.4 80.5 149.5

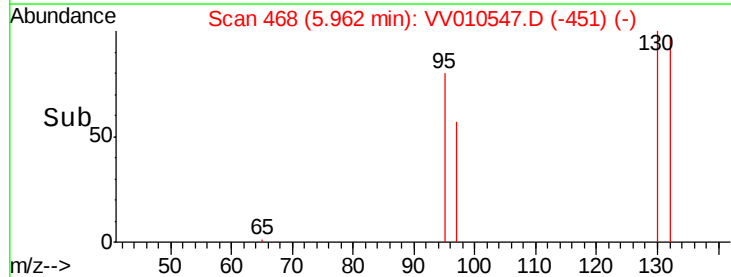
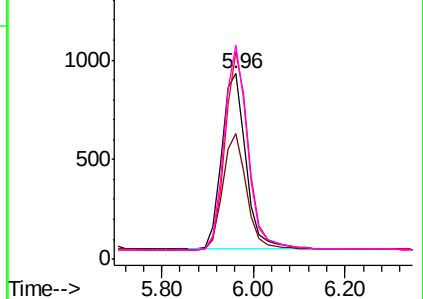


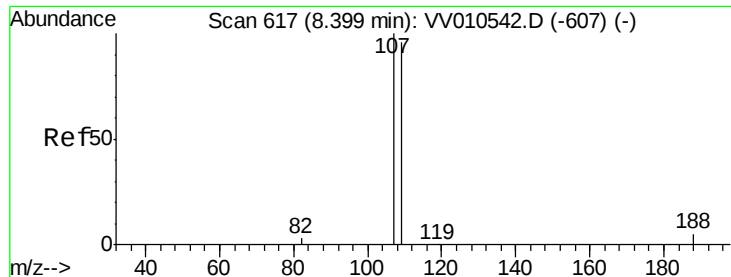
Abundance Ion 95.00 (94.70 to 95.70): VV010547.D (-451) (-)

Ion 97.00 (96.70 to 97.70): VV010547.D (-451) (-)

Ion 132.00 (131.70 to 132.70): VV010547.D (-451) (-)

Ion 130.00 (129.70 to 130.70): VV010547.D (-451) (-)





#8

1,2-Dibromoethane

Concen: 0.531 ug/L

RT: 8.40 min Scan# 617

Delta R.T. -0.00 min

Lab File: VV010547.D

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VSTD0.511

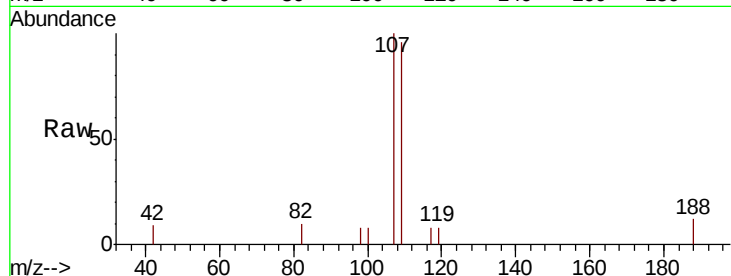
Tgt Ion: 107 Resp: 1904

Ion Ratio Lower Upper

107 100

109 95.9 67.2 124.8

188 11.6 10.6 16.0



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

8.40

600

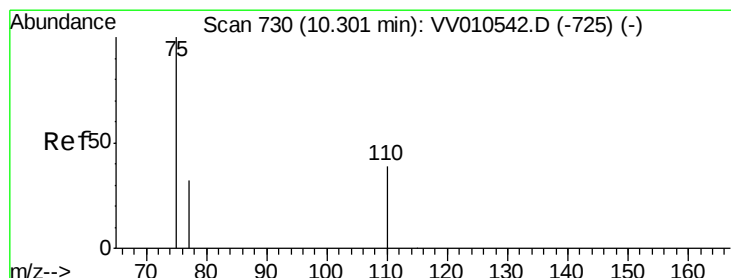
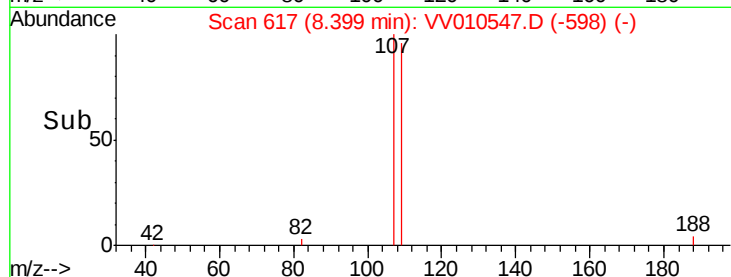
400

200

0

8.20 8.40 8.60

Time-->



#12

1,2,3-Trichloropropane

Concen: 0.579 ug/L

RT: 10.30 min Scan# 730

Delta R.T. -0.00 min

Lab File: VV010547.D

Acq: 29 Apr 2019 14:02

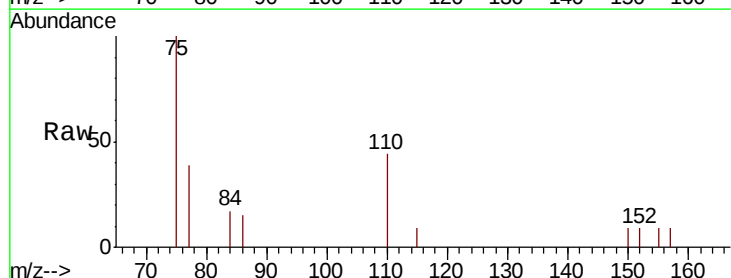
Tgt Ion: 75 Resp: 1631

Ion Ratio Lower Upper

75 100

110 44.3 33.9 50.9

77 32.6 26.0 39.0



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

10.30

600

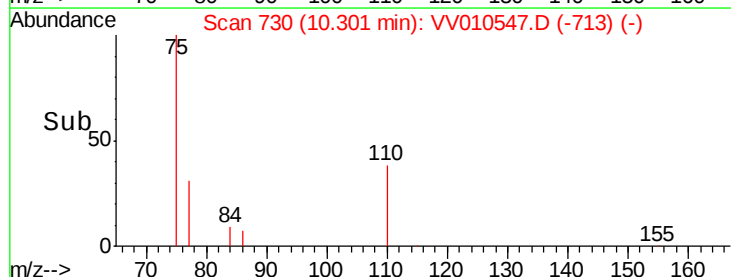
400

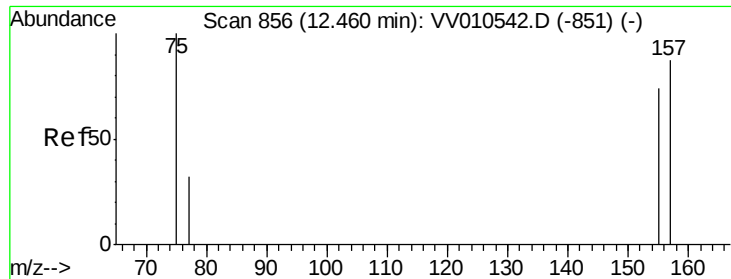
200

0

10.20 10.40 10.60

Time-->





#13

1,2-Dibromo-3-chloropropane

Concen: 0.442 ug/L

RT: 12.46 min Scan# 856

Delta R.T. -0.00 min

Lab File: VV010547.D

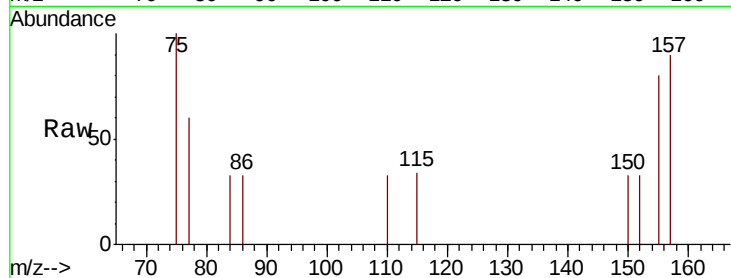
Acq: 29 Apr 2019 14:02

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.511



Tgt Ion: 75 Resp: 339

Ion Ratio Lower Upper

75 100

157 89.7 67.2 100.8

155 80.1 61.4 92.2

