

Data File : VV011849.D
Acq On : 10 Jul 2019 10:10
Operator : SY/MD
Sample : VSTDCCC0.5
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.520

Quant Time: Jul 11 05:02:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070819SIM.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 10 01:45:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	9209	0.50	ug/L	0.00
5) Chlorobenzene-d5	8.89	117	8298	0.50	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	11.30	152	3716	0.50	ug/L	0.00

System Monitoring Compounds

2) Vinyl Chloride-d3	1.32	65	4760	0.47	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	94.00%
4) 1,2-Dichloroethane-d4	5.07	65	3807	0.51	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	102.00%
7) 1,2-Dichloropropane-d6	6.12	67	4089	0.51	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	=	102.00%
8) Toluene-d8	7.35	98	10181	0.49	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	98.00%
10) 1,1,2,2-Tetrachloroethane-	10.25	84	2278	0.45	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	90.00%

Target Compounds

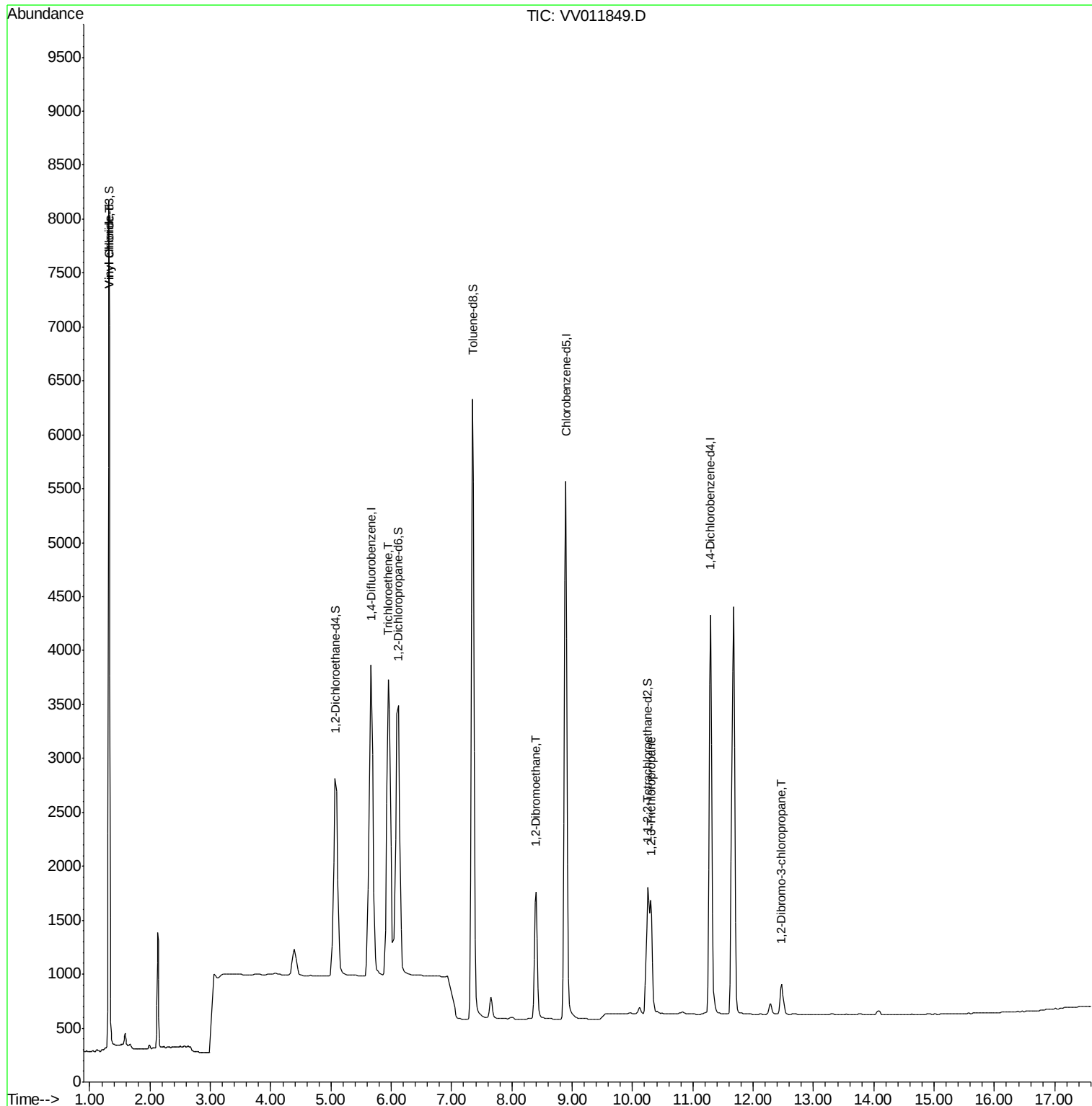
						Qvalue
3) Vinyl chloride	1.32	62	4355	0.455	ug/L	99
6) Trichloroethene	5.95	95	3553	0.465	ug/L	99
9) 1,2-Dibromoethane	8.40	107	1965	0.475	ug/L	100
12) 1,2,3-Trichloropropane	10.30	75	1991	0.492	ug/L	100
13) 1,2-Dibromo-3-chloropropan	12.46	75	308	0.415	ug/L	98

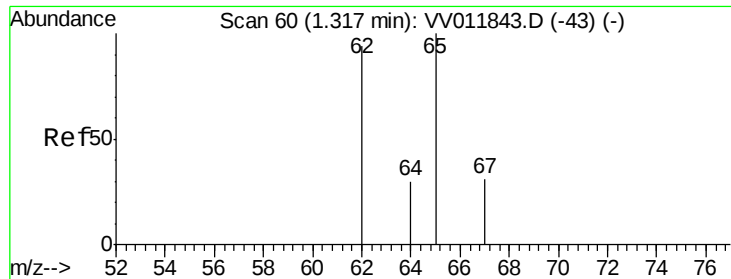
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Vinyl chloride

Concen: 0.455 ug/L

RT: 1.32 min Scan# 60

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampled :

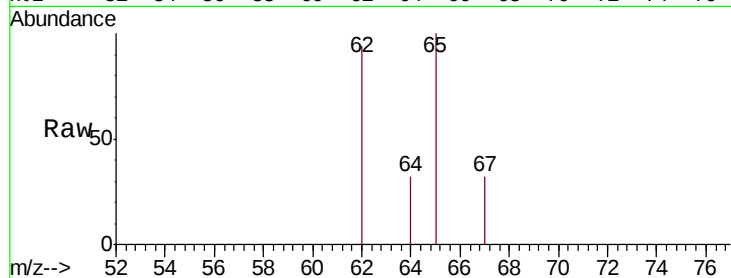
VSTD0.520

Tgt Ion: 62 Resp: 4355

Ion Ratio Lower Upper

62 100

64 34.0 23.2 43.2



Abundance Ion 62.00 (61.70 to 62.70): VV011849.D (-43) (-)

Ion 64.00 (63.70 to 64.70): VV011849.D (-43) (-)

1.32

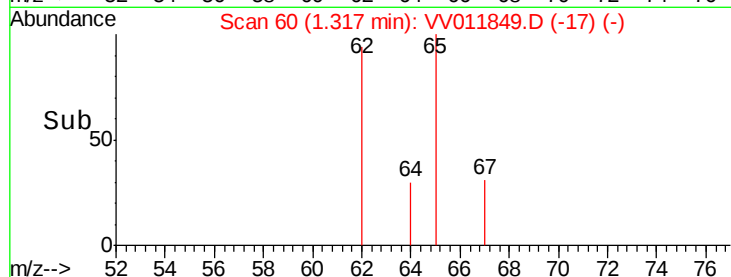
3000

2000

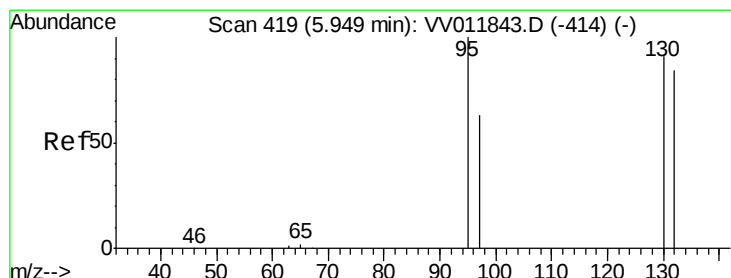
1000

0

Time-->



Time-->



#6

Trichloroethene

Concen: 0.465 ug/L

RT: 5.95 min Scan# 419

Delta R.T. 0.00 min

Lab File: VV011849.D

Acq: 10 Jul 2019 10:10

Tgt Ion: 95 Resp: 3553

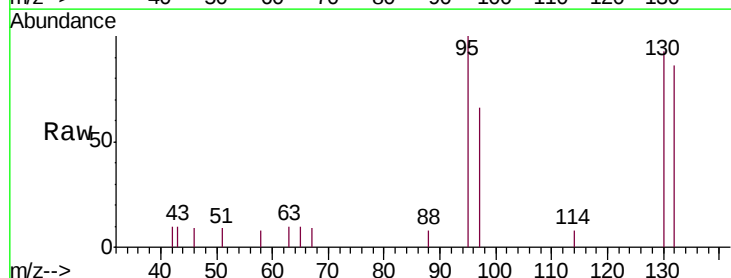
Ion Ratio Lower Upper

95 100

97 65.6 46.2 85.8

132 85.9 59.0 109.6

130 92.8 64.3 119.5



Abundance Ion 95.00 (94.70 to 95.70): VV011849.D (-414) (-)

Ion 97.00 (96.70 to 97.70): VV011849.D (-414) (-)

Ion 132.00 (131.70 to 132.70): VV011849.D (-414) (-)

Ion 130.00 (129.70 to 130.70): VV011849.D (-414) (-)

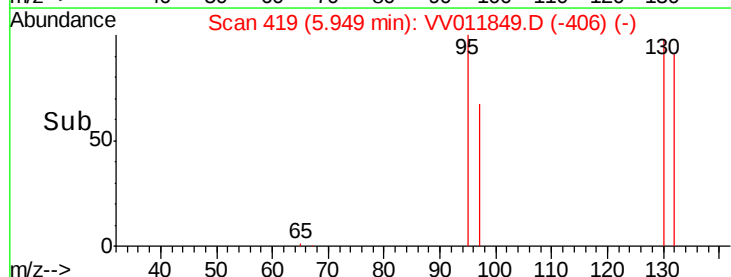
5.95

1000

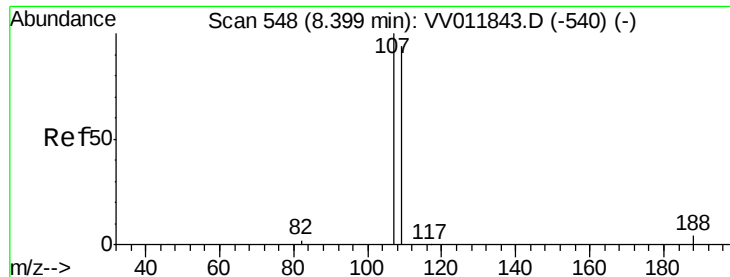
500

0

Time-->



Time-->



#9

1,2-Dibromoethane

Concen: 0.475 ug/L

RT: 8.40 min Scan# 548

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

VSTD0.520

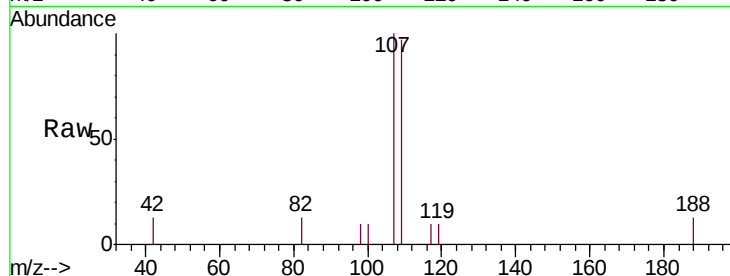
Tgt Ion: 107 Resp: 1965

Ion Ratio Lower Upper

107 100

109 96.6 67.7 125.7

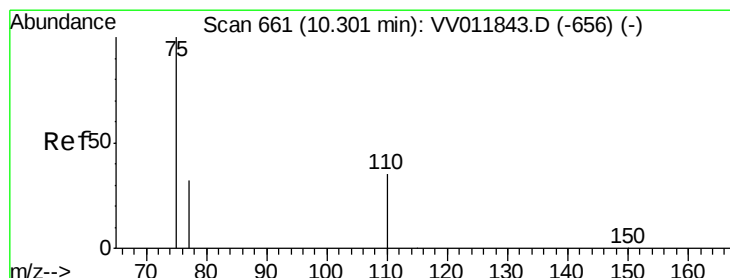
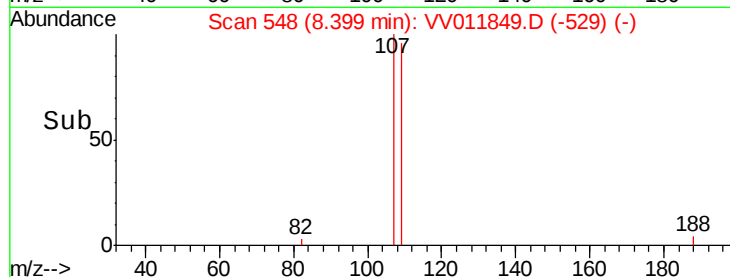
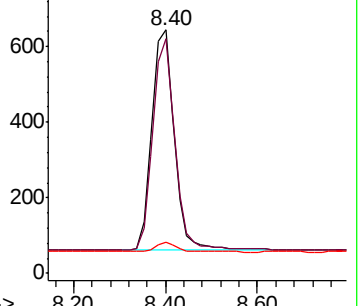
188 12.6 9.8 14.8



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: 0.492 ug/L

RT: 10.30 min Scan# 661

Delta R.T. 0.00 min

Lab File: VV011849.D

Acq: 10 Jul 2019 10:10

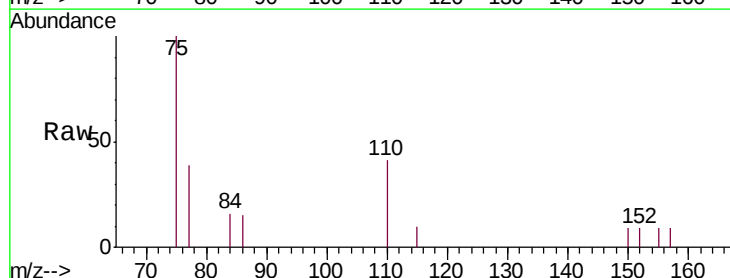
Tgt Ion: 75 Resp: 1991

Ion Ratio Lower Upper

75 100

110 40.2 32.2 48.4

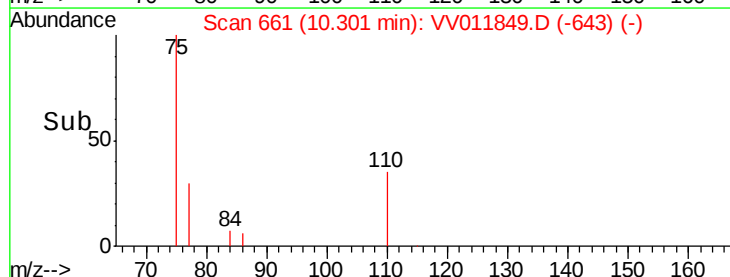
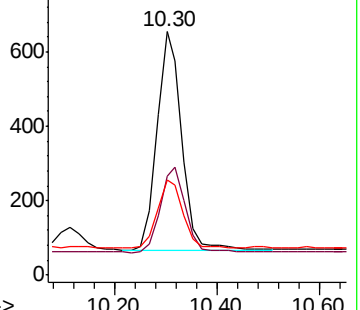
77 31.8 25.3 37.9

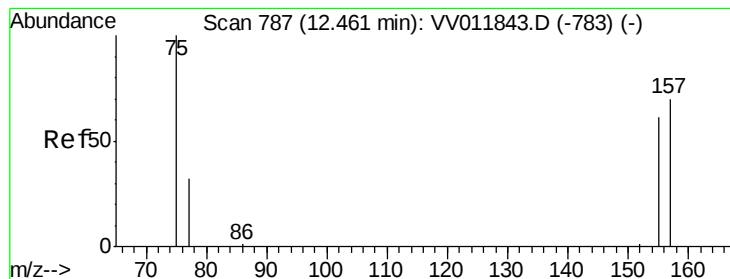


Abundance Ion 75.00 (74.70 to 75.70): VV0

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: 0.415 ug/L

RT: 12.46 min Scan# 787

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

VSTD0.520

Tgt Ion: 75 Resp: 308

Ion Ratio Lower Upper

75 100

157 79.1 62.2 93.4

155 72.2 55.6 83.4

