

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111820\
 Data File : VX019447.D
 Acq On : 18 Nov 2020 11:11
 Operator : JC/MD
 Sample : VX1118WBL07
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VBLK206

Quant Time: Nov 19 12:13:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXSIM111320.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 18 17:44:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.82	114	15866	0.50	ug/L	0.00
5) Chlorobenzene-d5	10.10	117	14865	0.50	ug/L	0.02
11) 1,4-Dichlorobenzene-d4	12.06	152	9401	0.50	ug/L	0.00

System Monitoring Compounds

2) Vinyl Chloride-d3	1.39	65	8307	0.50	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	100.00%
4) 1,2-Dichloroethane-d4	6.01	65	7058	0.48	ug/L	-0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	96.00%
7) 1,2-Dichloropropane-d6	7.35	67	7444	0.55	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	110.00%
8) Toluene-d8	8.68	98	19186	0.51	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	102.00%
10) 1,1,2,2-Tetrachloroethane-	11.22	84	4541	0.48	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	96.00%

Target Compounds

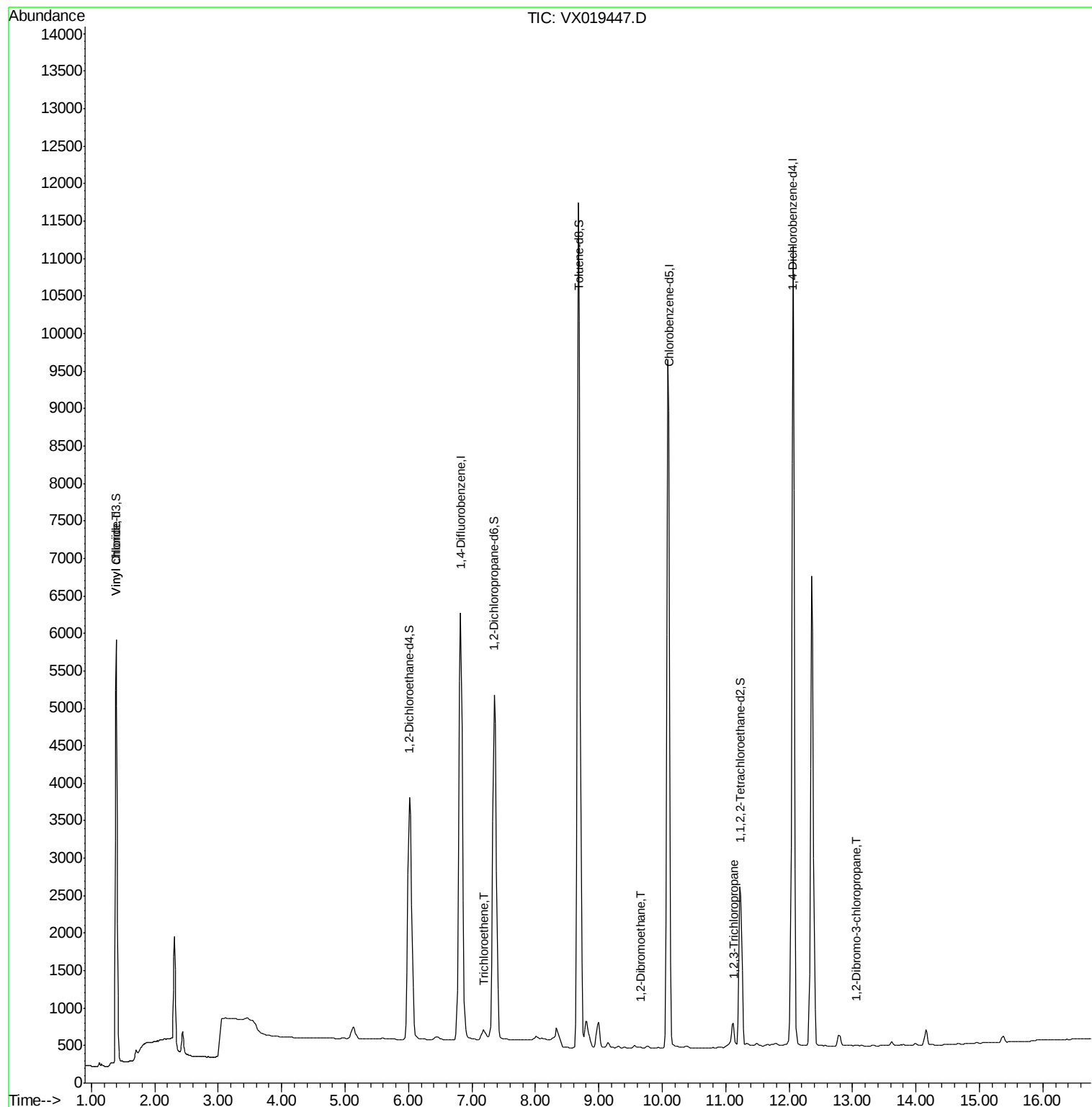
					Qvalue
3) Vinyl chloride	1.39	62	156	0.010	ug/L # 1
6) Trichloroethene	7.18	95	107	0.009	ug/L # 88
9) 1,2-Dibromoethane	9.66	107	28	0.004	ug/L # 86
12) 1,2,3-Trichloropropane	11.12	75	858	0.092	ug/L # 47
13) 1,2-Dibromo-3-chloropropan	13.06	75	46	0.029	ug/L 92

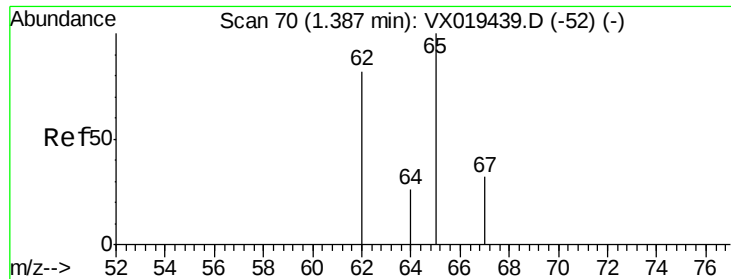
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Vinyl chloride

Concen: 0.010 ug/L

RT: 1.39 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX019447.D

Acq: 18 Nov 2020 11:11

Instrument :

MSVOA_X

ClientSampleId :

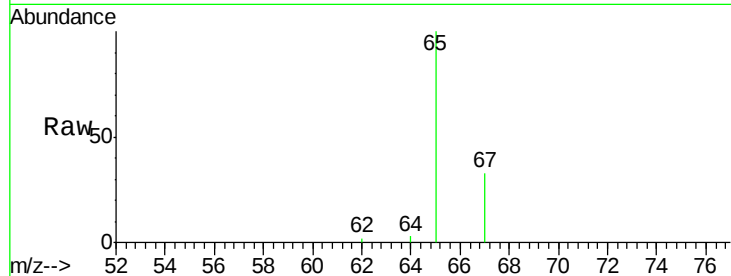
VBLK206

Tot Ion: 62 Resp: 156

Ion Ratio Lower Upper

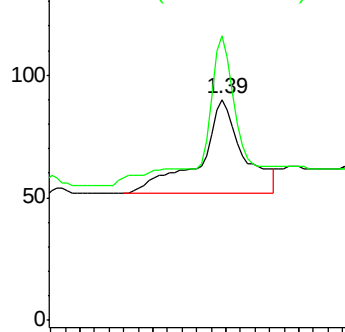
62 100

64 128.9 22.5 41.7#

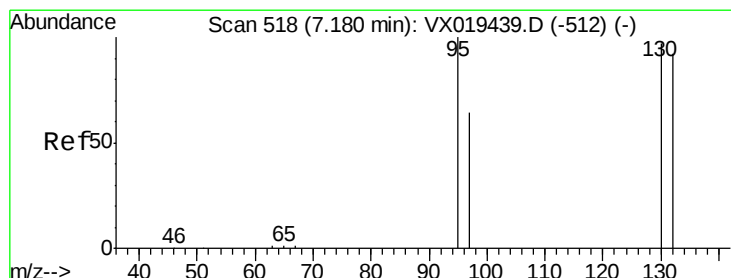
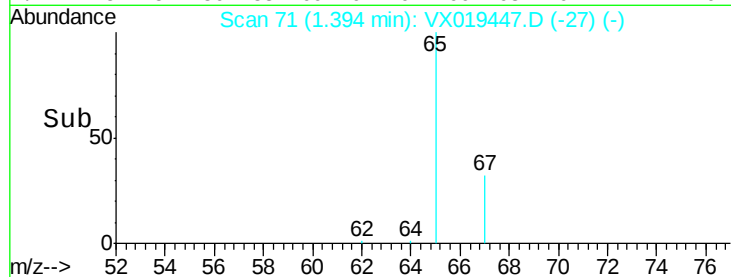


Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0



Time-->



#6

Trichloroethene

Concen: 0.009 ug/L

RT: 7.18 min Scan# 518

Delta R.T. 0.00 min

Lab File: VX019447.D

Acq: 18 Nov 2020 11:11

Tgt Ion: 95 Resp: 107

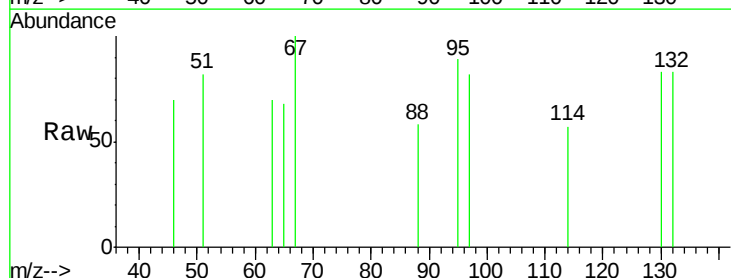
Ion Ratio Lower Upper

95 100

97 92.0 45.2 84.0#

132 93.3 61.0 113.4

130 93.3 65.6 121.8

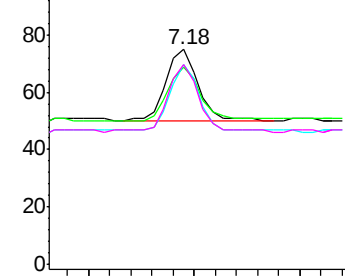


Abundance Ion 95.00 (94.70 to 95.70): VX0

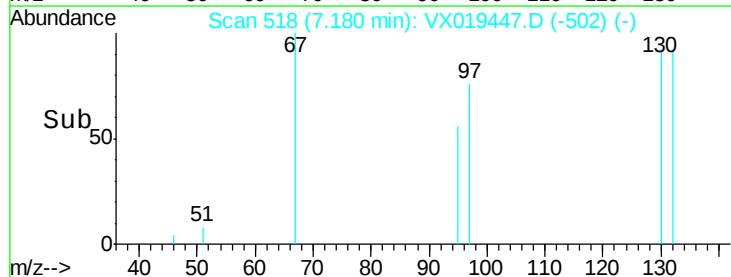
Ion 97.00 (96.70 to 97.70): VX0

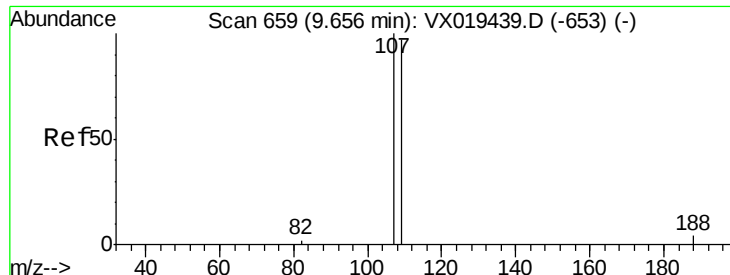
Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



Time-->





#9

1,2-Dibromoethane

Concen: 0.004 ug/L

RT: 9.66 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX019447.D

Acq: 18 Nov 2020 11:11

Instrument :

MSVOA_X

ClientSampleId :

VBLK206

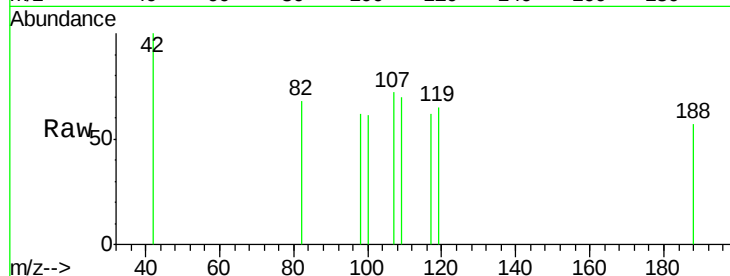
Tot Ion:107 Resp: 28

Ion Ratio Lower Upper

107 100

109 96.5 67.5 125.3

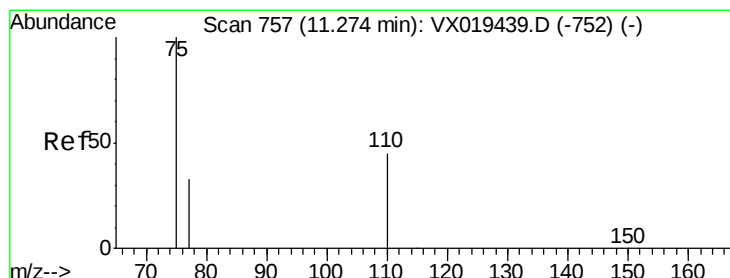
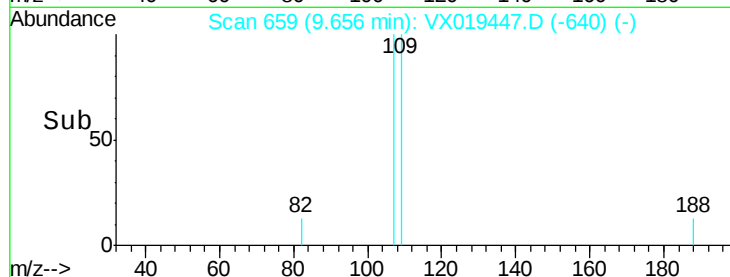
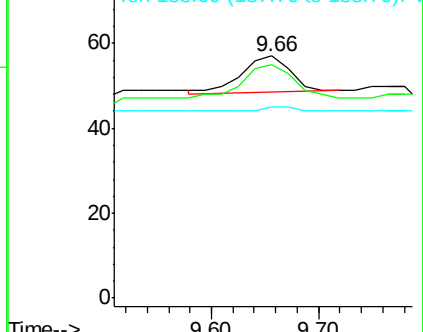
188 78.9 5.5 8.3#



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: 0.092 ug/L

RT: 11.12 min Scan# 748

Delta R.T. -0.15 min

Lab File: VX019447.D

Acq: 18 Nov 2020 11:11

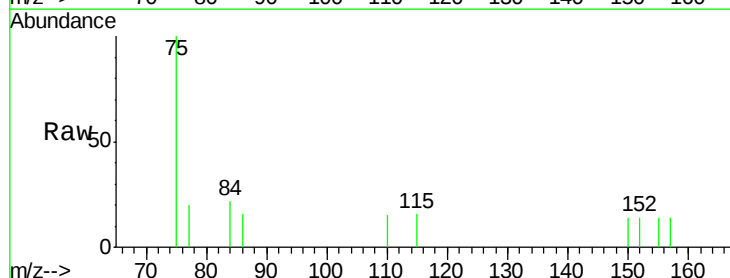
Tgt Ion: 75 Resp: 858

Ion Ratio Lower Upper

75 100

110 0.0 33.0 49.4#

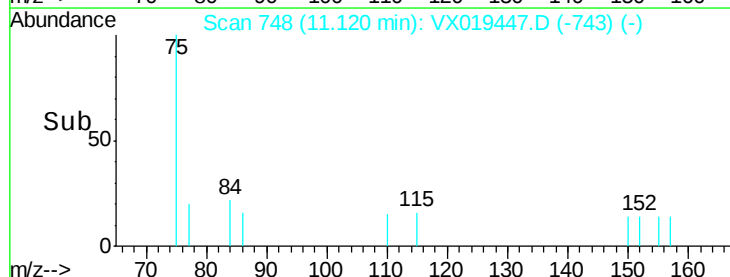
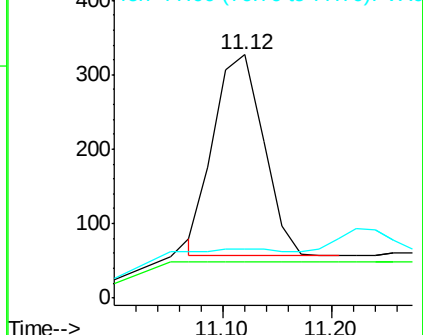
77 12.5 26.6 39.8#

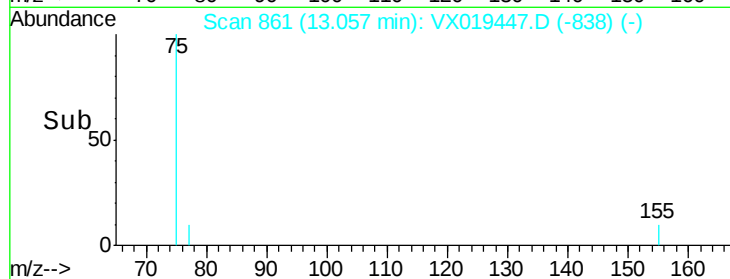
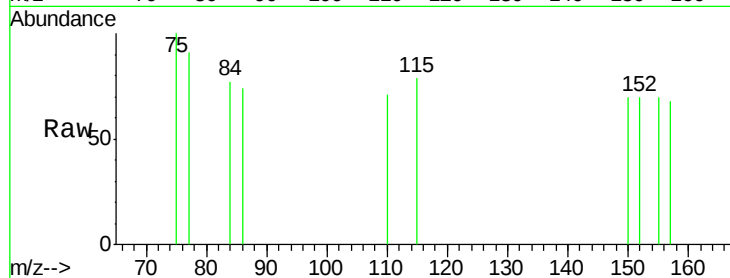
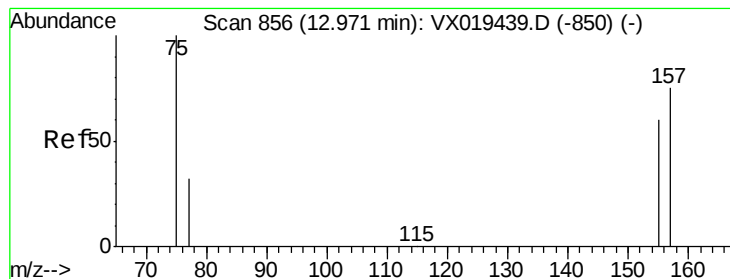


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VX0





#13

1,2-Dibromo-3-chloropropane

Concen: 0.029 ug/L

RT: 13.06 min Scan# 861

Delta R.T. 0.09 min

Lab File: VX019447.D

Acq: 18 Nov 2020 11:11

Instrument :

MSVOA_X

ClientSampleId :

VBLK206

Tot Ion: 75 Resp: 46

Ion Ratio Lower Upper

75 100

157 68.2 59.6 89.4

155 69.7 50.6 76.0

