

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111320\
 Data File : VX019428.D
 Acq On : 13 Nov 2020 15:43
 Operator : JC/MD
 Sample : VSTDCCC0.5EC
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD0.5308

Quant Time: Nov 17 04:28:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXSIM111320.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 17 04:26:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.82	114	20622	0.50	ug/L	0.00
5) Chlorobenzene-d5	10.09	117	18582	0.50	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	12.06	152	8640	0.50	ug/L	0.00

System Monitoring Compounds

2) Vinyl Chloride-d3	1.39	65	11384	0.52	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	104.00%
4) 1,2-Dichloroethane-d4	6.01	65	8686	0.45	ug/L	-0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	90.00%
7) 1,2-Dichloropropane-d6	7.37	67	9264	0.55	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	=	110.00%
8) Toluene-d8	8.68	98	23056	0.49	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	98.00%
10) 1,1,2,2-Tetrachloroethane-	11.22	84	6568	0.55	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	110.00%

Target Compounds

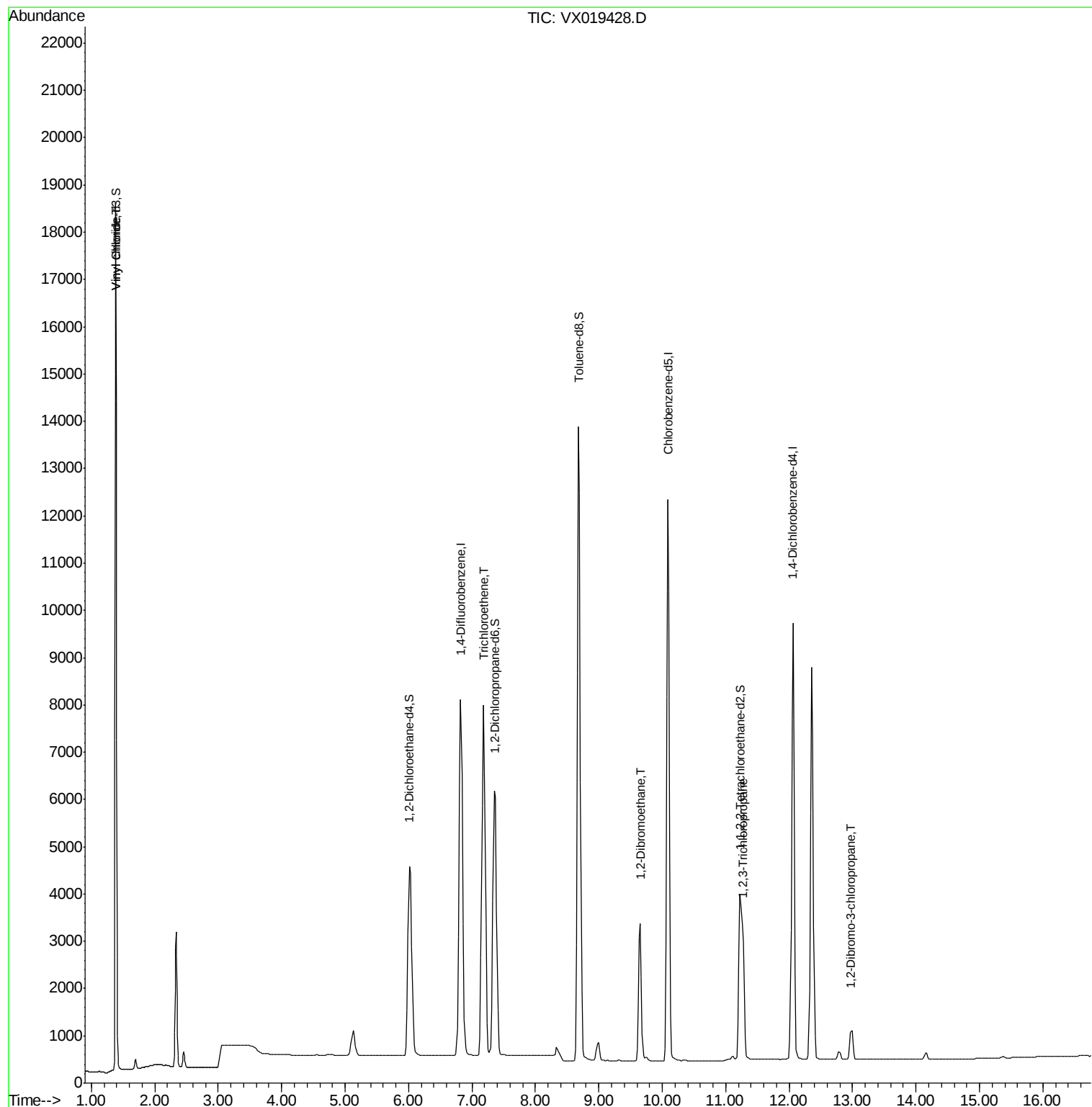
					Qvalue
3) Vinyl chloride	1.39	62	10091	0.504	ug/L 98
6) Trichloroethene	7.18	95	7860	0.511	ug/L 97
9) 1,2-Dibromoethane	9.66	107	4477	0.494	ug/L 100
12) 1,2,3-Trichloropropane	11.27	75	4336	0.508	ug/L 100
13) 1,2-Dibromo-3-chloropropan	12.97	75	706	0.481	ug/L 98

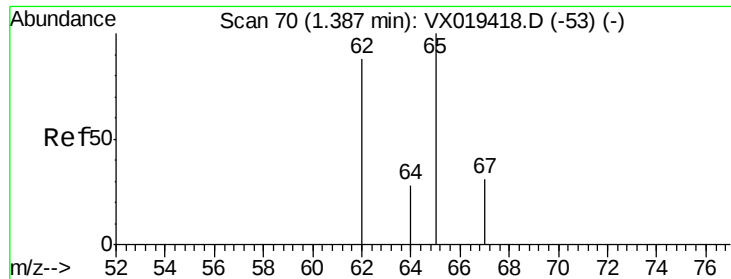
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 17 04:26:19 2020
Response via : Initial Calibration





#3

Vinyl chloride

Concen: 0.504 ug/L

RT: 1.39 min Scan# 70

Delta R.T. 0.00 min

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Acq: 13 Nov 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

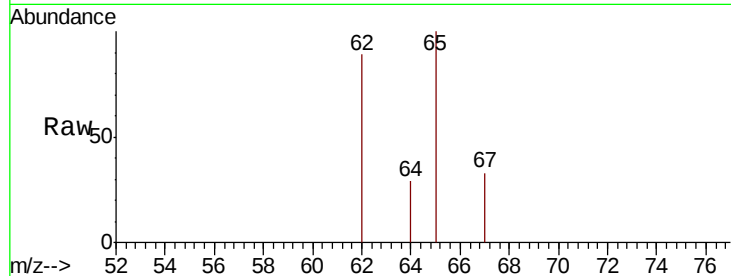
VSTD0.5308

Tot Ion: 62 Resp: 10091

Ion Ratio Lower Upper

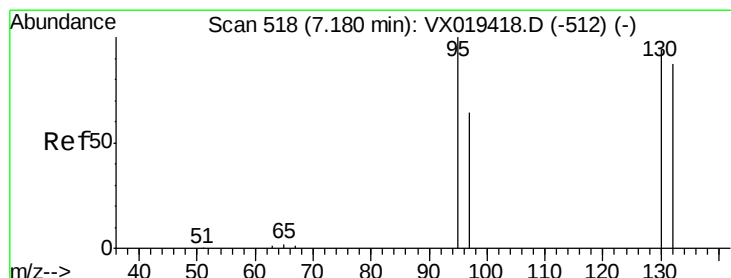
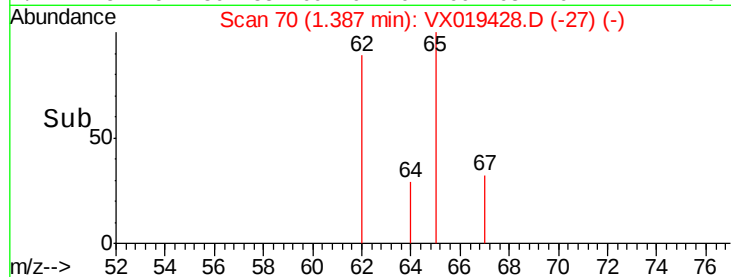
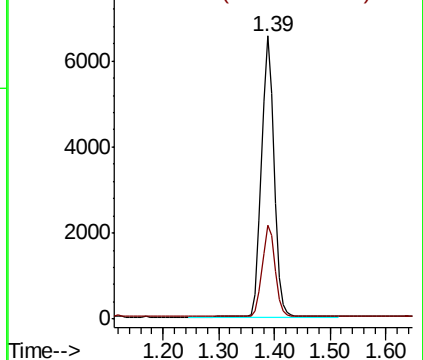
62 100

64 33.3 22.5 41.7



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0



#6

Trichloroethene

Concen: 0.511 ug/L

RT: 7.18 min Scan# 518

Delta R.T. 0.00 min

Lab File: VX019428.D

Acq: 13 Nov 2020 15:43

Tgt Ion: 95 Resp: 7860

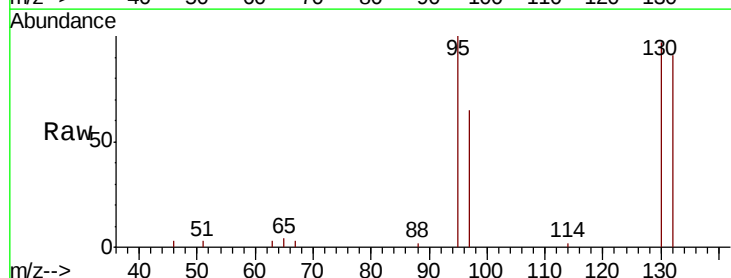
Ion Ratio Lower Upper

95 100

97 65.2 45.2 84.0

132 91.5 61.0 113.4

130 96.8 65.6 121.8

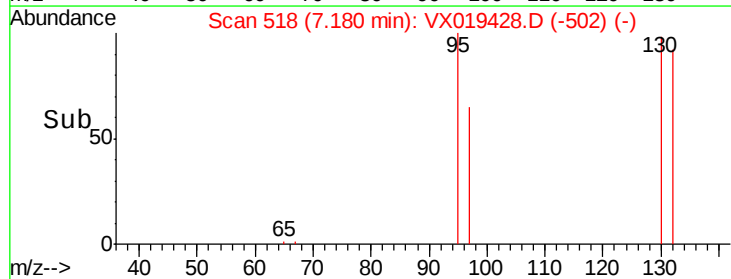
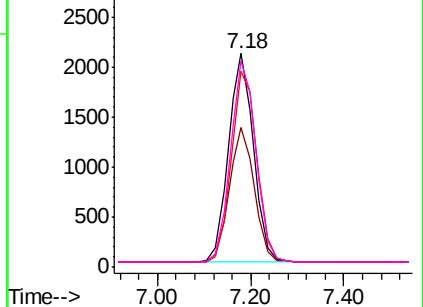


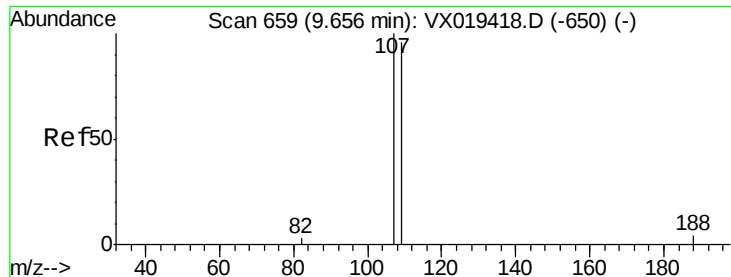
Abundance Ion 95.00 (94.70 to 95.70): VX0

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





#9

1,2-Dibromoethane

Concen: 0.494 ug/L

RT: 9.66 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX019428.D

Acq: 13 Nov 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

VSTD0.5308

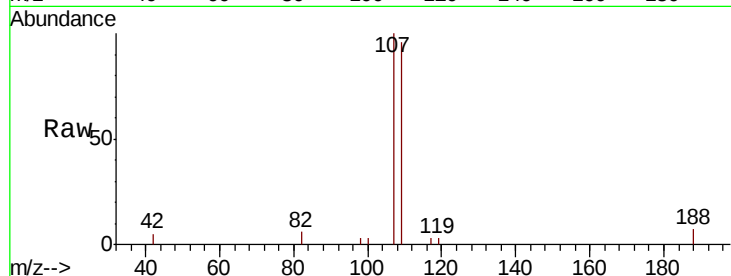
Tot Ion:107 Resp: 4477

Ion Ratio Lower Upper

107 100

109 96.0 67.5 125.3

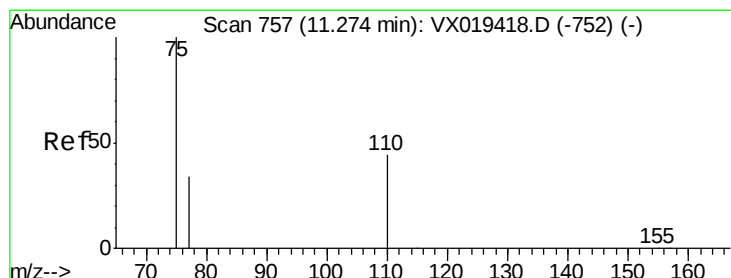
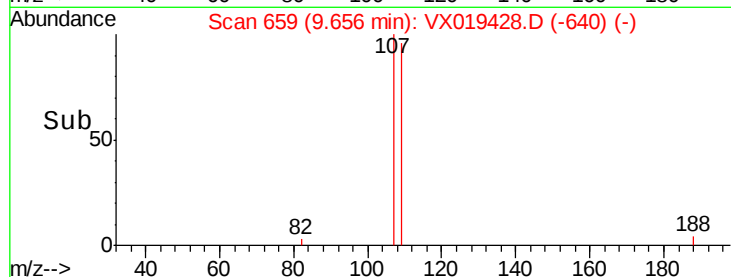
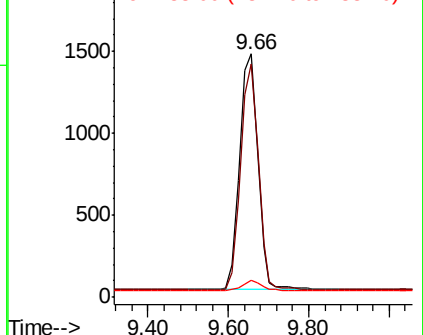
188 6.7 5.5 8.3



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: 0.508 ug/L

RT: 11.27 min Scan# 757

Delta R.T. 0.00 min

Lab File: VX019428.D

Acq: 13 Nov 2020 15:43

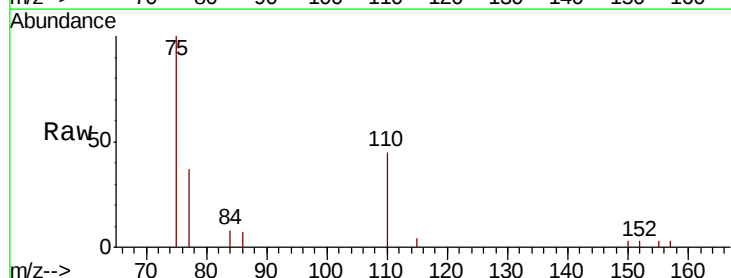
Tgt Ion: 75 Resp: 4336

Ion Ratio Lower Upper

75 100

110 41.4 33.0 49.4

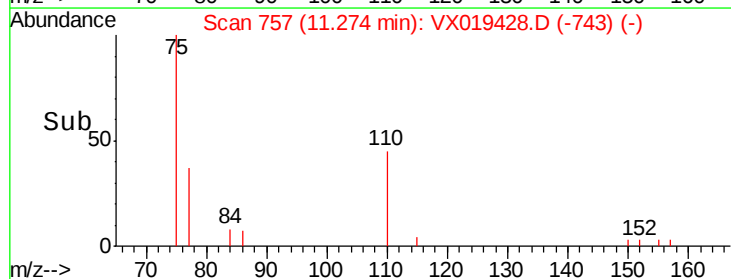
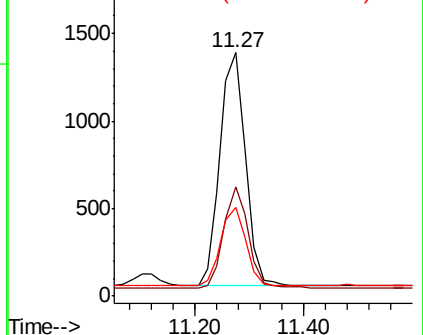
77 33.5 26.6 39.8

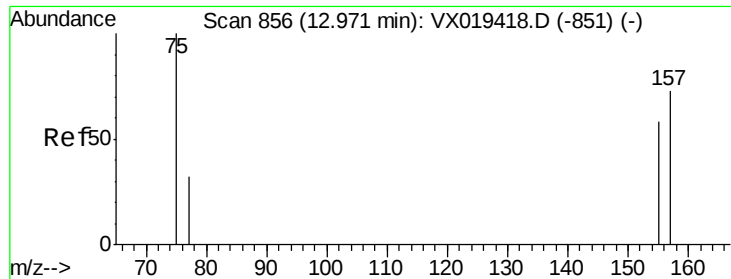


Abundance Ion 75.00 (74.70 to 75.70): VX0

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: 0.481 ug/L

RT: 12.97 min Scan# 856

Delta R.T. 0.00 min

Lab File: VX019428.D

Acq: 13 Nov 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

VSTD0.5308

Tot Ion: 75 Resp: 706

Ion Ratio Lower Upper

75 100

157 72.8 59.6 89.4

155 62.4 50.6 76.0

