

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111820\
 Data File : VX019446.D
 Acq On : 18 Nov 2020 09:58
 Operator : JC/MD
 Sample : VSTDCCC0.5
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD0.5213

Quant Time: Nov 19 12:13:52 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	16565	0.50	ug/L	0.00
5) Chlorobenzene-d5	10.09	117	14917	0.50	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	12.07	152	6820	0.50	ug/L	0.00

System Monitoring Compounds

2) Vinyl Chloride-d3	1.39	65	8413	0.48	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	96.00%
4) 1,2-Dichloroethane-d4	6.01	65	6873	0.44	ug/L	-0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	88.00%
7) 1,2-Dichloropropane-d6	7.37	67	7147	0.52	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	=	104.00%
8) Toluene-d8	8.68	98	17993	0.47	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	94.00%
10) 1,1,2,2-Tetrachloroethane-	11.23	84	4516	0.47	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	94.00%

Target Compounds

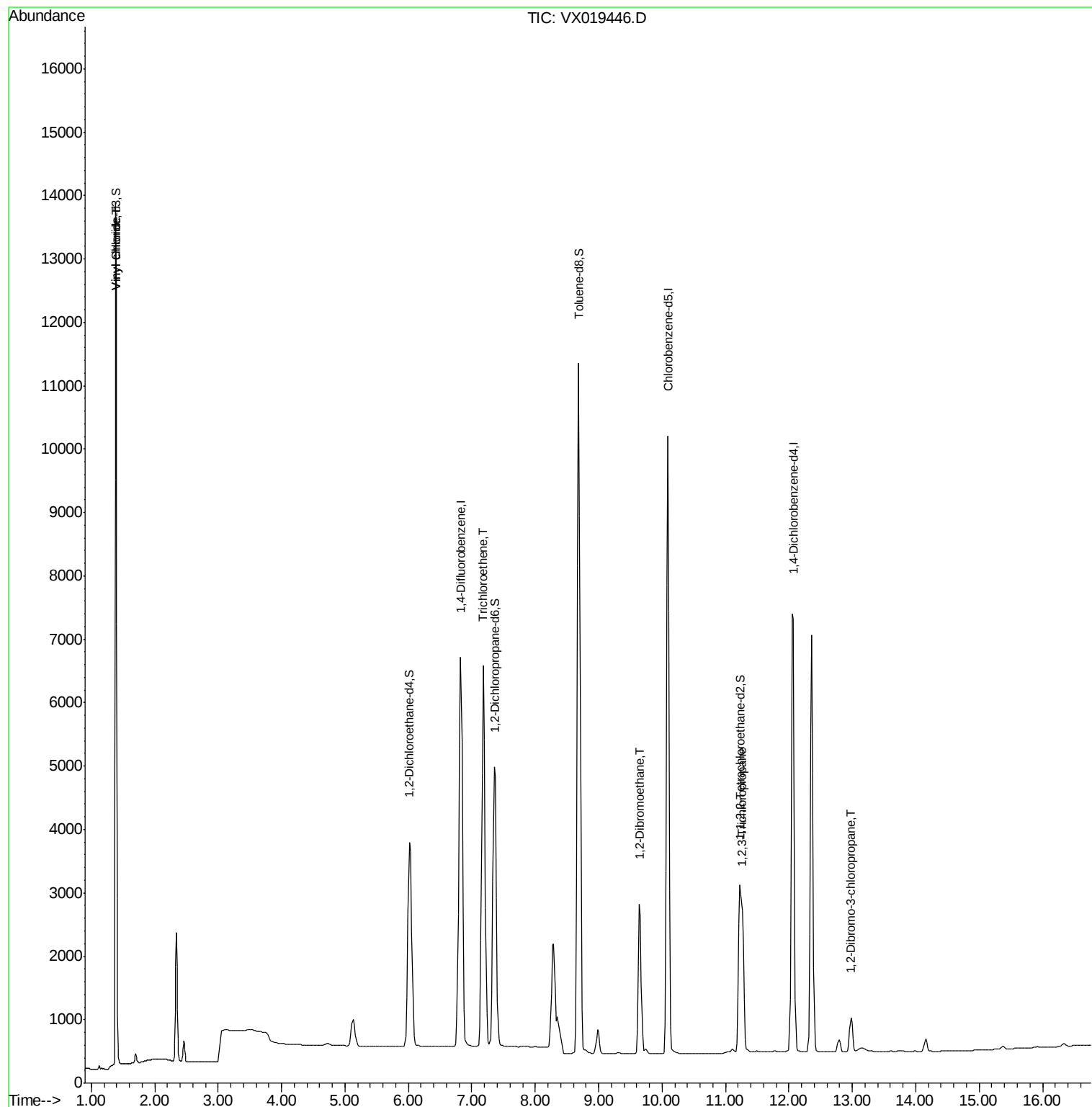
					Qvalue
3) Vinyl chloride	1.39	62	7822	0.486	ug/L 100
6) Trichloroethene	7.18	95	6335	0.513	ug/L 97
9) 1,2-Dibromoethane	9.64	107	3632	0.500	ug/L 95
12) 1,2,3-Trichloropropane	11.26	75	3574	0.530	ug/L 98
13) 1,2-Dibromo-3-chloropropan	12.98	75	611	0.528	ug/L 92

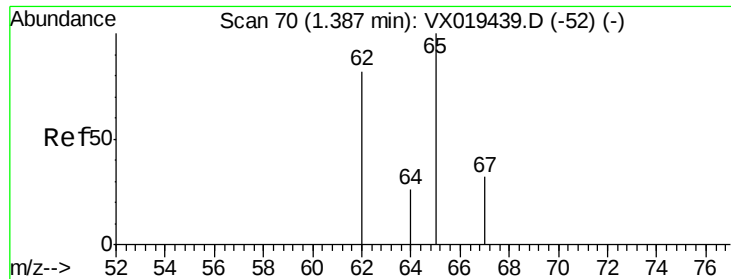
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Vinyl chloride

Concen: 0.486 ug/L

RT: 1.39 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX019446.D

Acq: 18 Nov 2020 09:58

Instrument :

MSVOA_X

ClientSampled :

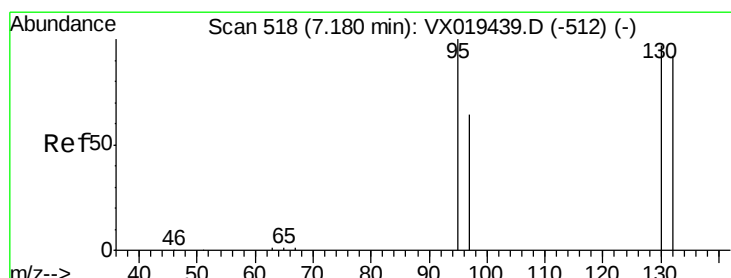
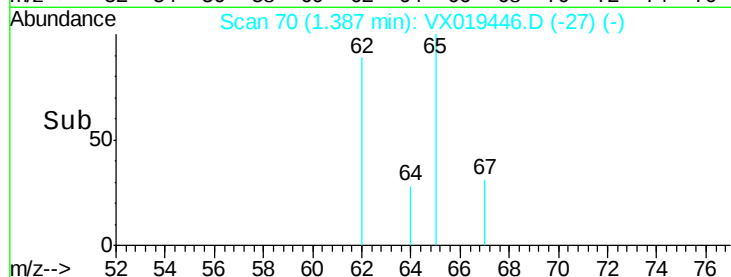
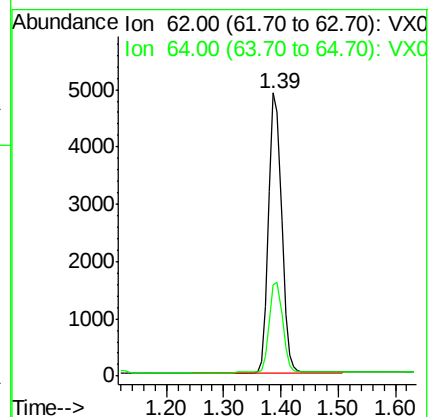
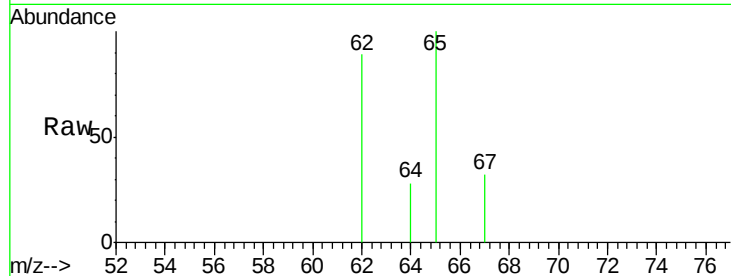
VSTD0.5213

Tot Ion: 62 Resp: 7822

Ion Ratio Lower Upper

62 100

64 32.1 22.5 41.7



#6

Trichloroethene

Concen: 0.513 ug/L

RT: 7.18 min Scan# 518

Delta R.T. -0.00 min

Lab File: VX019446.D

Acq: 18 Nov 2020 09:58

Tgt Ion: 95 Resp: 6335

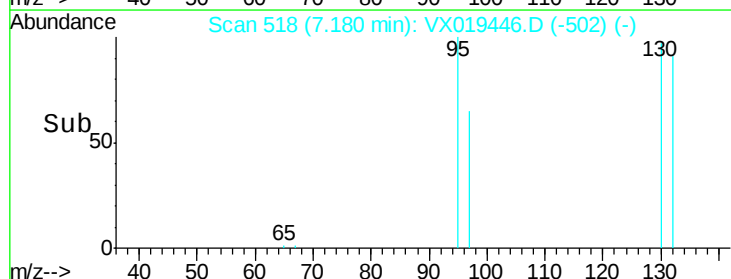
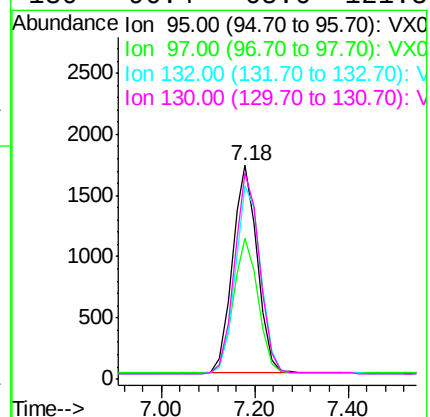
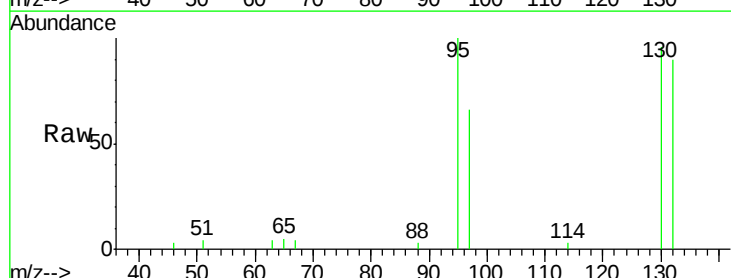
Ion Ratio Lower Upper

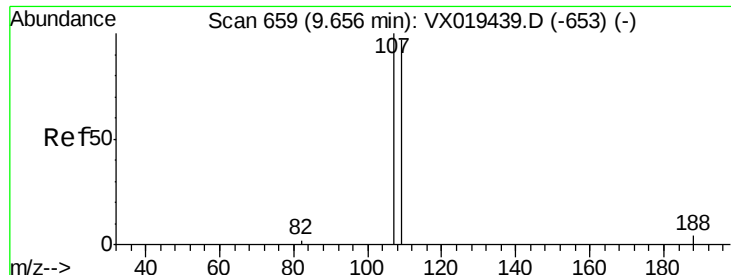
95 100

97 65.8 45.2 84.0

132 90.3 61.0 113.4

130 96.4 65.6 121.8





#9

1,2-Dibromoethane

Concen: 0.500 ug/L

RT: 9.64 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX019446.D

Acq: 18 Nov 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTD0.5213

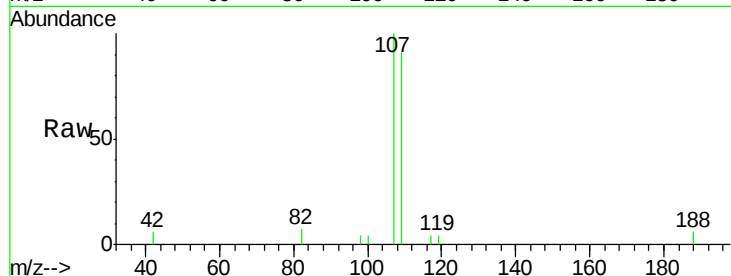
Tot Ion:107 Resp: 3632

Ion Ratio Lower Upper

107 100

109 91.0 67.5 125.3

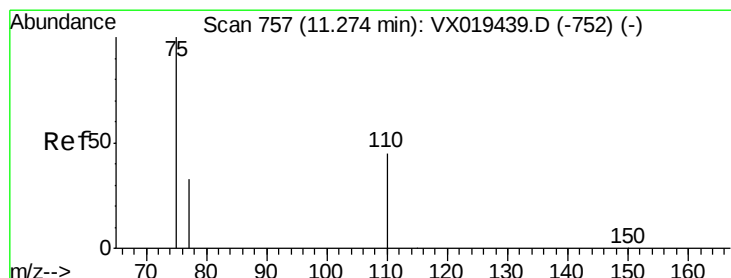
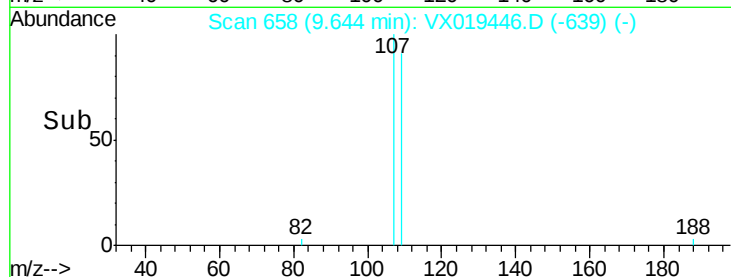
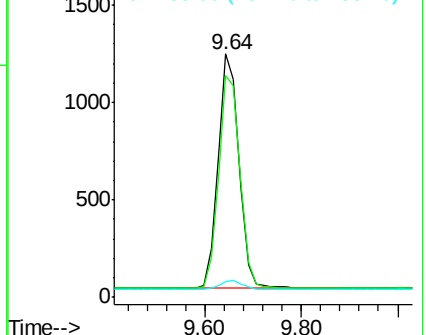
188 6.3 5.5 8.3



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: 0.530 ug/L

RT: 11.26 min Scan# 756

Delta R.T. -0.01 min

Lab File: VX019446.D

Acq: 18 Nov 2020 09:58

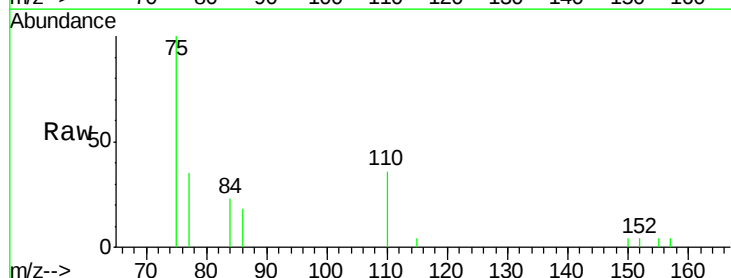
Tgt Ion: 75 Resp: 3574

Ion Ratio Lower Upper

75 100

110 38.8 33.0 49.4

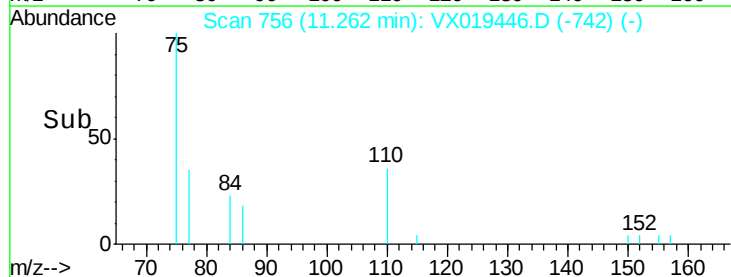
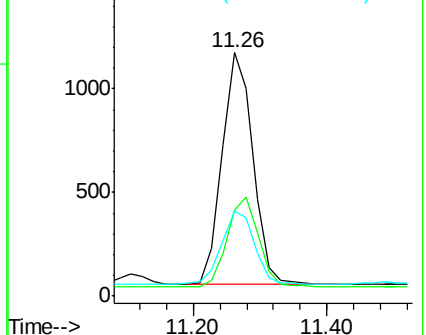
77 33.4 26.6 39.8

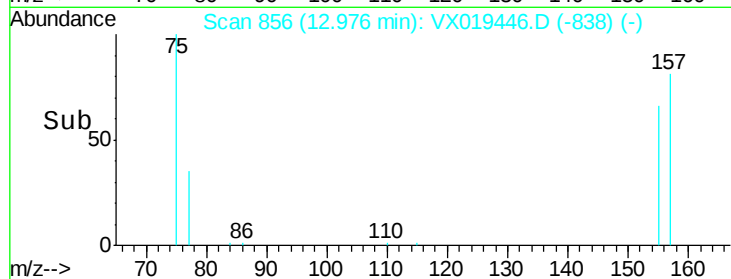
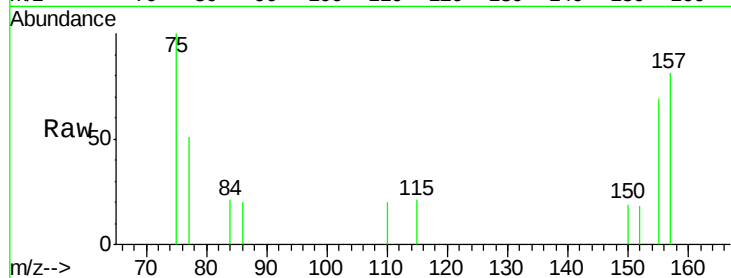
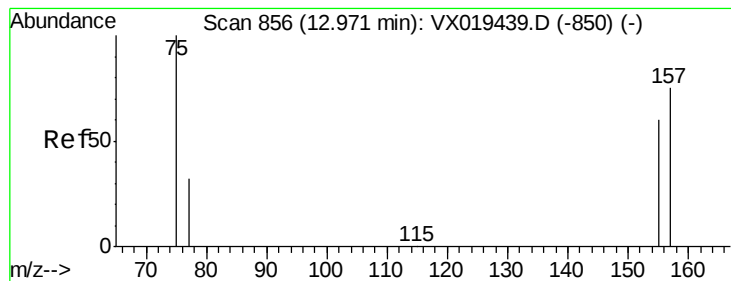


Abundance Ion 75.00 (74.70 to 75.70): VX0

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: 0.528 ug/L

RT: 12.98 min Scan# 856

Delta R.T. 0.00 min

Lab File: VX019446.D

Acq: 18 Nov 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTD0.5213

Tot Ion: 75 Resp: 611

Ion Ratio Lower Upper

75 100

157 80.8 59.6 89.4

155 69.4 50.6 76.0

