

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111620\
 Data File : VX019437.D
 Acq On : 16 Nov 2020 16:31
 Operator : JC/MD
 Sample : VSTDCCC0.5EC
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD0.5210

Quant Time: Nov 17 05:14:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXSIM111220.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 13 08:29:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.82	114	16843	0.50	ug/L	0.00
5) Chlorobenzene-d5	10.10	117	16386	0.50	ug/L	0.01
11) 1,4-Dichlorobenzene-d4	12.06	152	10679	0.50	ug/L	0.00

System Monitoring Compounds

2) Vinyl Chloride-d3	1.39	65	7719	0.47	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	94.00%
4) 1,2-Dichloroethane-d4	6.03	65	6836	0.40	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	80.00%
7) 1,2-Dichloropropane-d6	7.37	67	6777	0.50	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	=	100.00%
8) Toluene-d8	8.68	98	19963	0.39	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	78.00%
10) 1,1,2,2-Tetrachloroethane-	11.22	84	4120	0.45	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	90.00%

Target Compounds

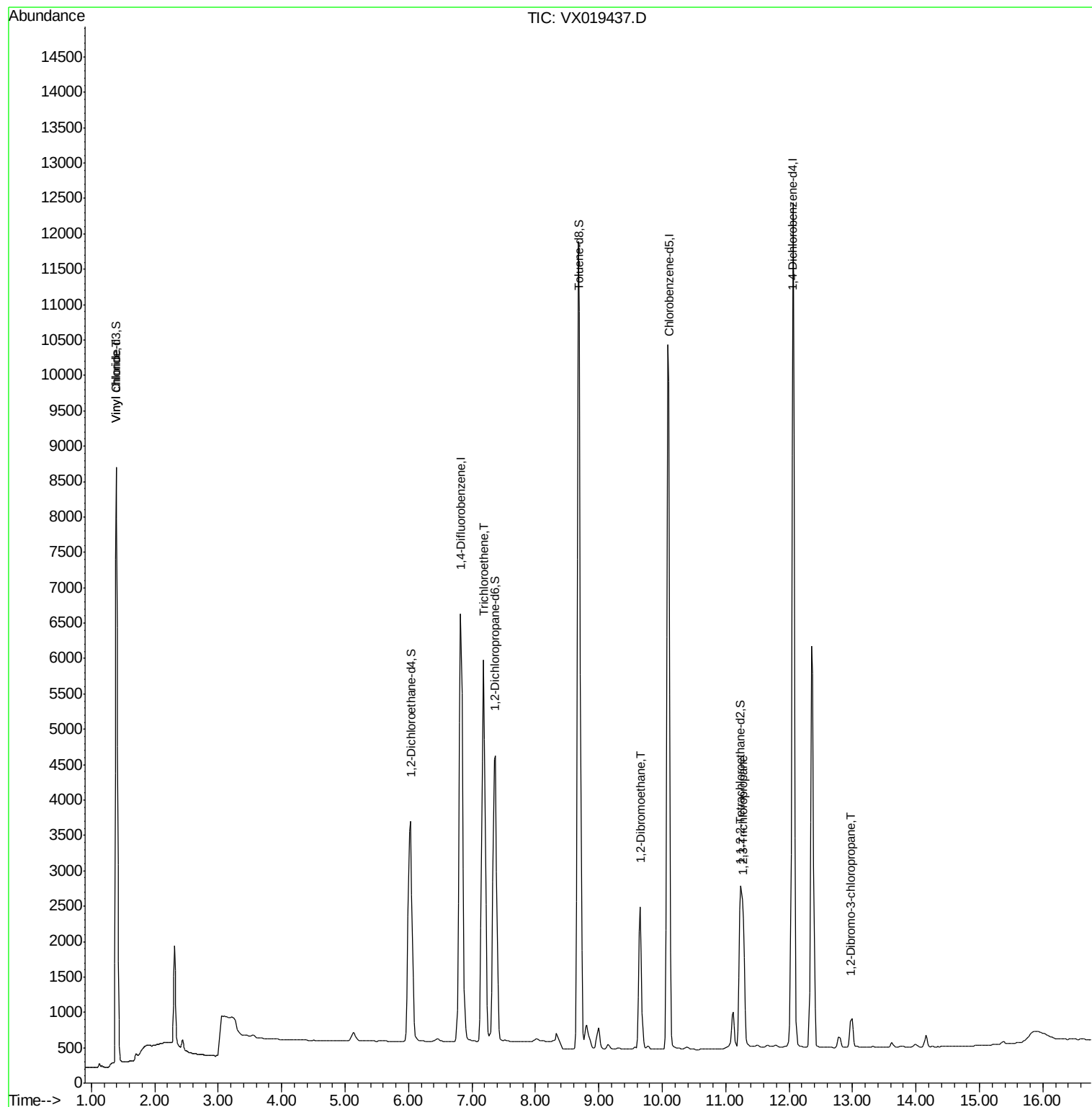
					Qvalue
3) Vinyl chloride	1.39	62	6780	0.438	ug/L 98
6) Trichloroethene	7.18	95	5678	0.457	ug/L 95
9) 1,2-Dibromoethane	9.66	107	3082	0.424	ug/L 98
12) 1,2,3-Trichloropropane	11.27	75	2923	0.323	ug/L 98
13) 1,2-Dibromo-3-chloropropan	12.97	75	458	0.293	ug/L 90

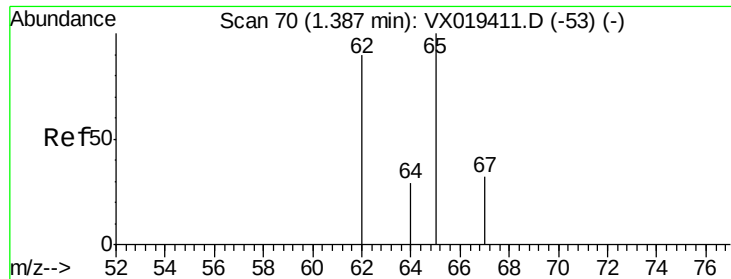
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Vinyl chloride

Concen: 0.438 ug/L

RT: 1.39 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX019437.D

Acq: 16 Nov 2020 16:31

Instrument :

MSVOA_X

ClientSampleId :

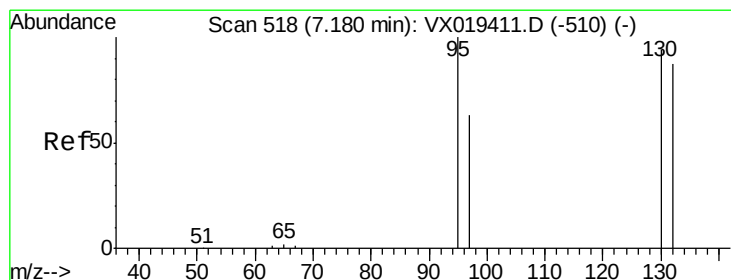
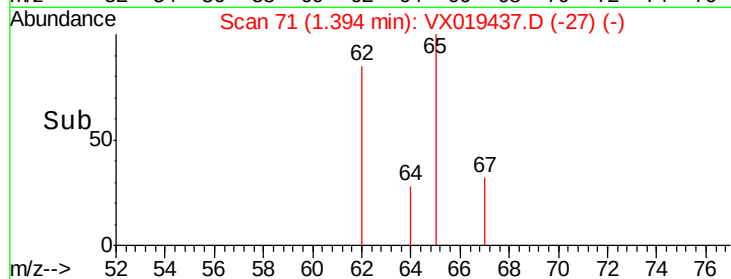
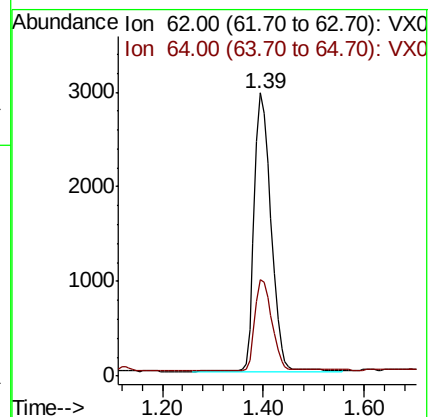
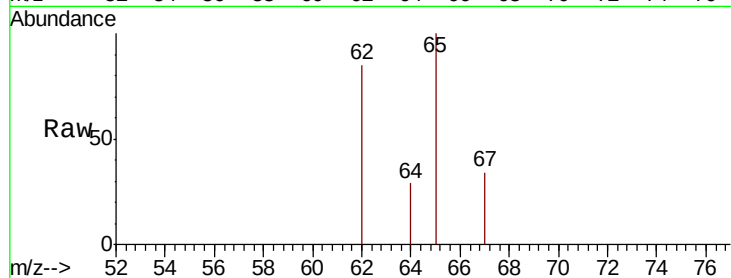
VSTD0.5210

Tot Ion: 62 Resp: 6780

Ion Ratio Lower Upper

62 100

64 34.1 23.0 42.6



#6

Trichloroethene

Concen: 0.457 ug/L

RT: 7.18 min Scan# 518

Delta R.T. 0.00 min

Lab File: VX019437.D

Acq: 16 Nov 2020 16:31

Tgt Ion: 95 Resp: 5678

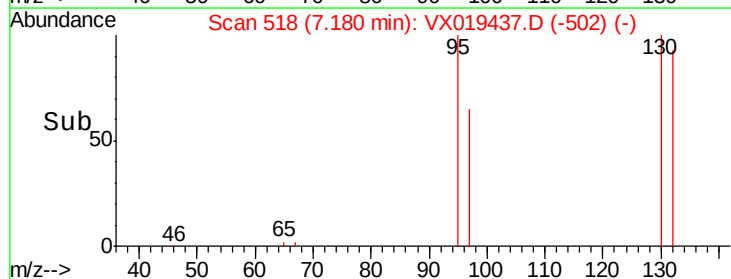
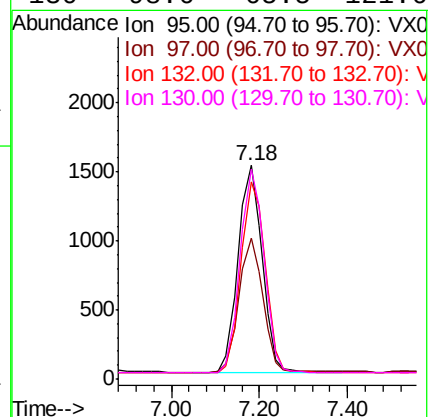
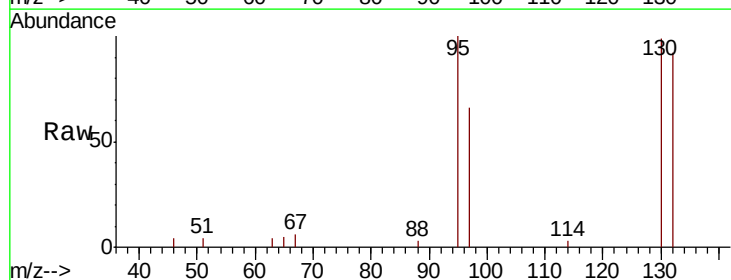
Ion Ratio Lower Upper

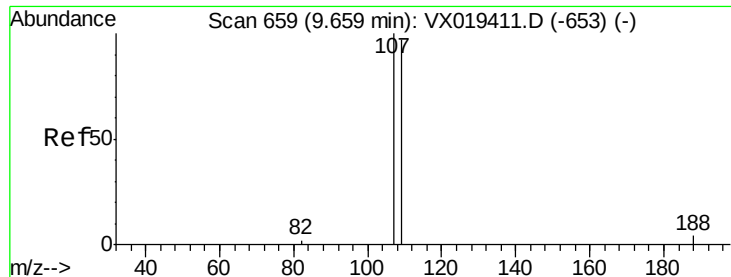
95 100

97 66.0 44.9 83.3

132 92.4 60.8 113.0

130 98.6 65.5 121.6





#9

1,2-Dibromoethane

Concen: 0.424 ug/L

RT: 9.66 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX019437.D

Acq: 16 Nov 2020 16:31

Instrument :

MSVOA_X

ClientSampled :

VSTD0.5210

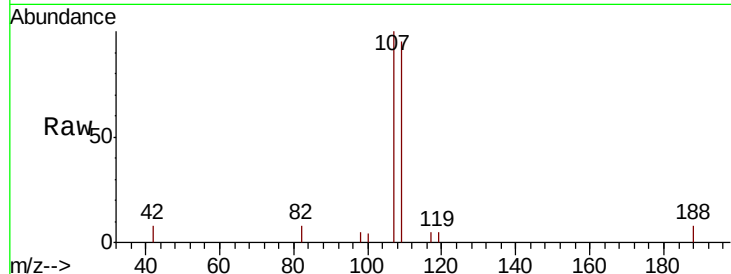
Tot Ion:107 Resp: 3082

Ion Ratio Lower Upper

107 100

109 94.9 68.0 126.4

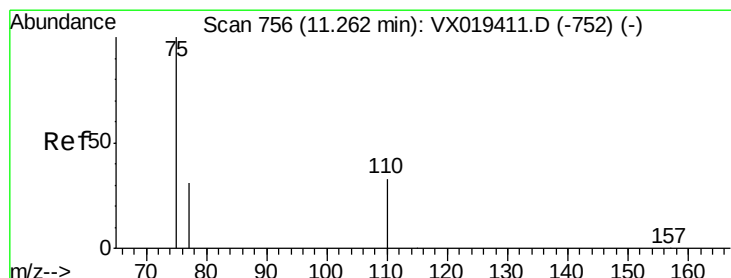
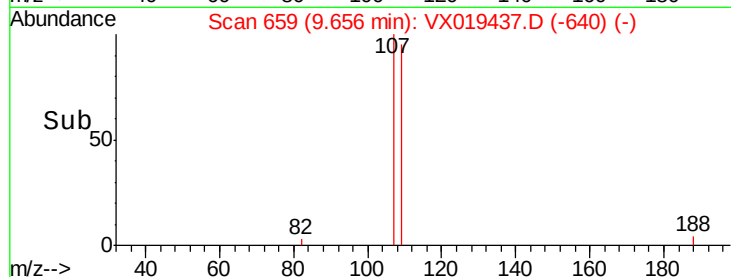
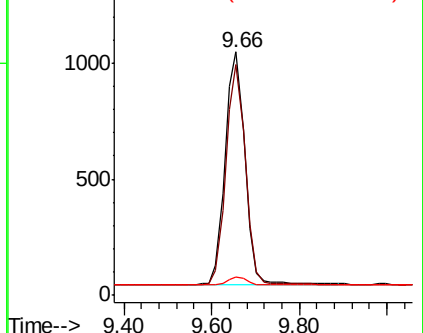
188 7.7 5.8 8.6



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: 0.323 ug/L

RT: 11.27 min Scan# 757

Delta R.T. 0.01 min

Lab File: VX019437.D

Acq: 16 Nov 2020 16:31

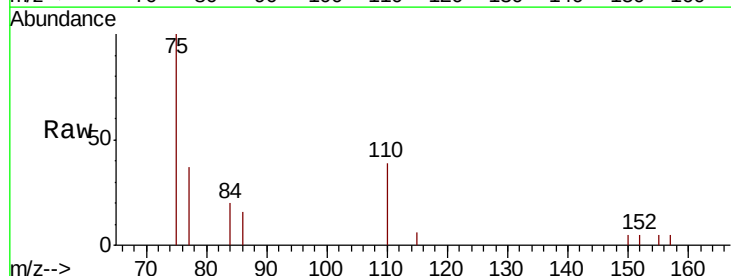
Tgt Ion: 75 Resp: 2923

Ion Ratio Lower Upper

75 100

110 39.3 31.4 47.2

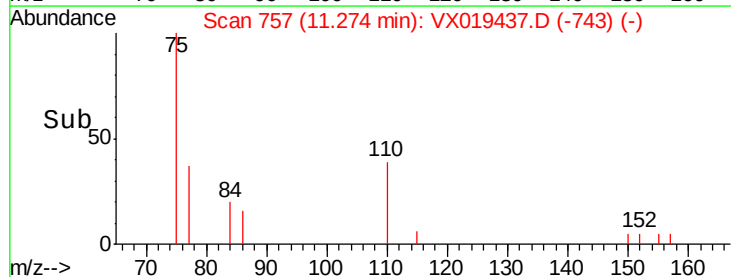
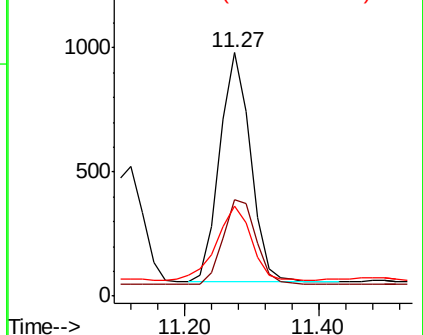
77 36.7 27.1 40.7

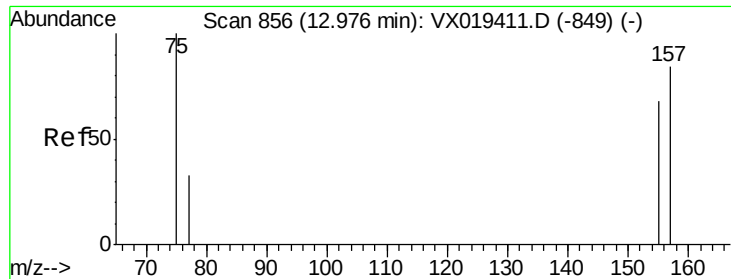


Abundance Ion 75.00 (74.70 to 75.70): VX0

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: 0.293 ug/L

RT: 12.97 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX019437.D

Acq: 16 Nov 2020 16:31

Instrument :

MSVOA_X

ClientSampleId :

VSTD0.5210

Tot Ion: 75 Resp: 458

Ion Ratio Lower Upper

75 100

157 73.4 66.0 99.0

155 62.6 56.0 84.0

