

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111620\
 Data File : VX019435.D
 Acq On : 16 Nov 2020 15:18
 Operator : JC/MD
 Sample : L4485-11
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-04

Quant Time: Nov 17 05:14:22 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	18526	0.50	ug/L	0.00
5) Chlorobenzene-d5	10.09	117	16109	0.50	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	12.07	152	6946	0.50	ug/L	0.00

System Monitoring Compounds

2) Vinyl Chloride-d3	1.39	65	10136	0.57	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	114.00%
4) 1,2-Dichloroethane-d4	6.03	65	7898	0.42	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	84.00%
7) 1,2-Dichloropropane-d6	7.37	67	8280	0.62	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	=	124.00%
8) Toluene-d8	8.68	98	20879	0.41	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	82.00%
10) 1,1,2,2-Tetrachloroethane-	11.23	84	5381	0.60	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	120.00%

Target Compounds

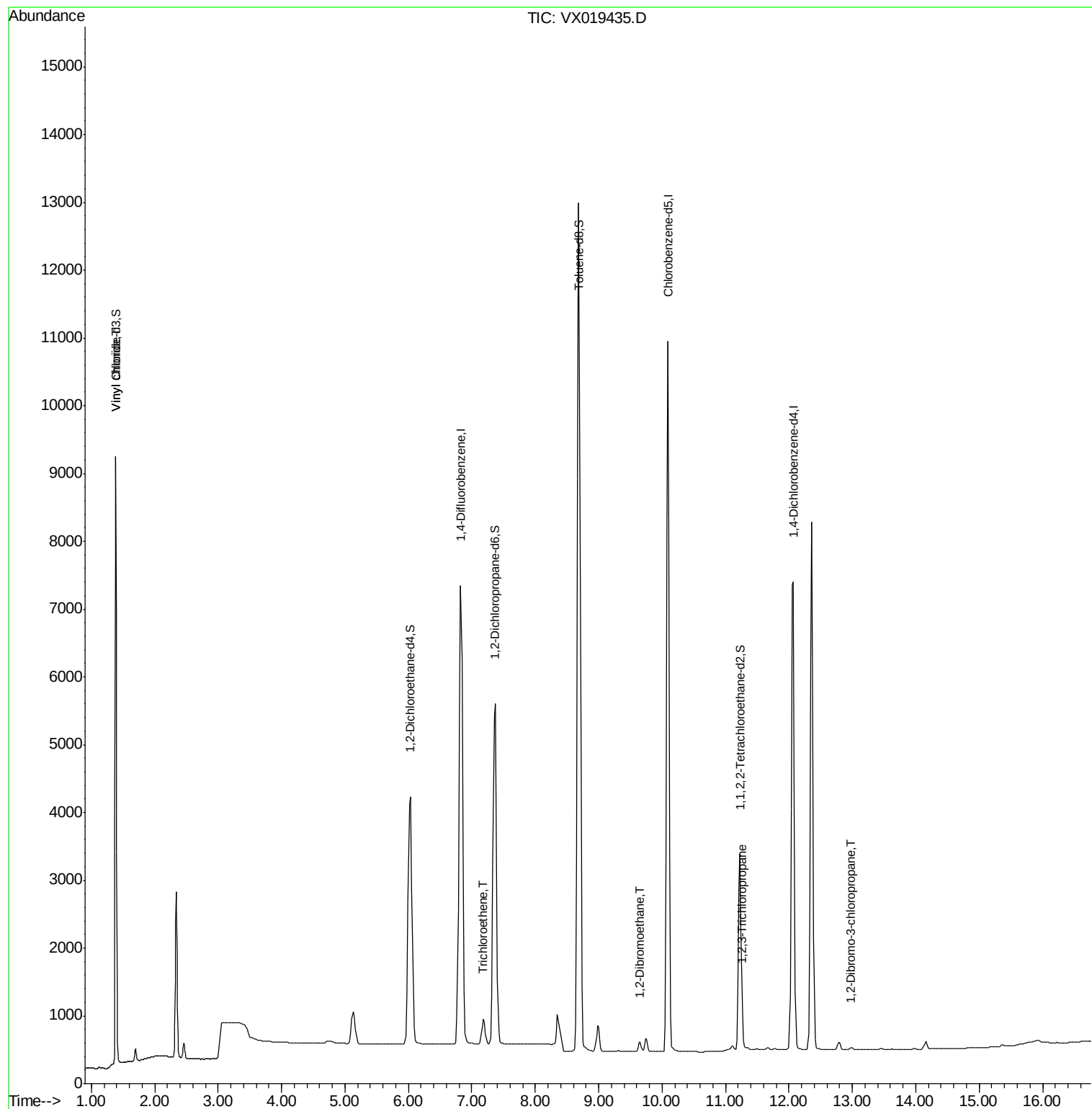
					Qvalue
3) Vinyl chloride	1.39	62	602	0.035 ug/L #	51
6) Trichloroethene	7.18	95	393	0.032 ug/L	93
9) 1,2-Dibromoethane	9.64	107	215	0.030 ug/L #	91
12) 1,2,3-Trichloropropane	11.26	75	249	0.042 ug/L	95
13) 1,2-Dibromo-3-chloropropan	12.98	75	45	0.044 ug/L	94

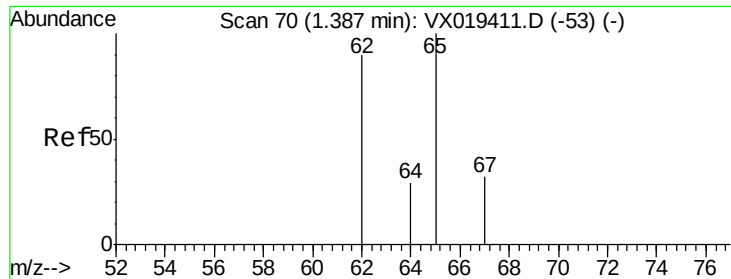
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Vinyl chloride

Concen: 0.035 ug/L

RT: 1.39 min Scan# 70

Delta R.T. -0.00 min

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Acq: 16 Nov 2020 15:18

Instrument :

MSVOA_X

ClientSampleId :

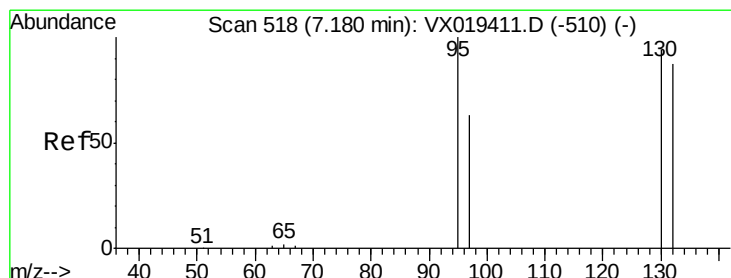
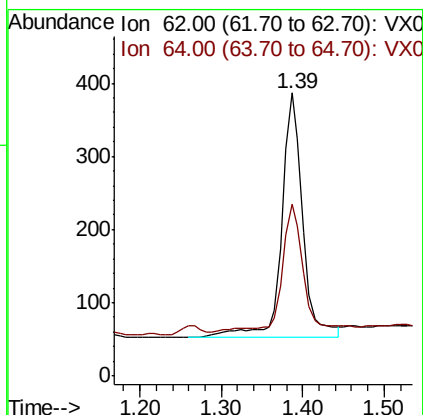
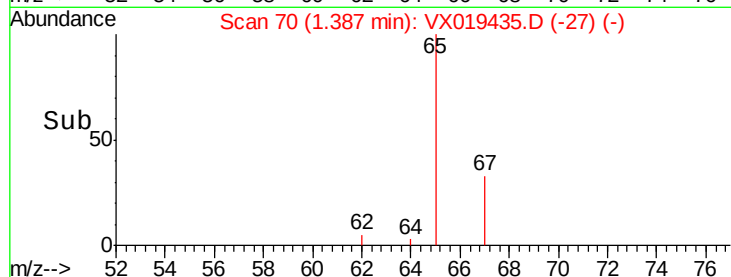
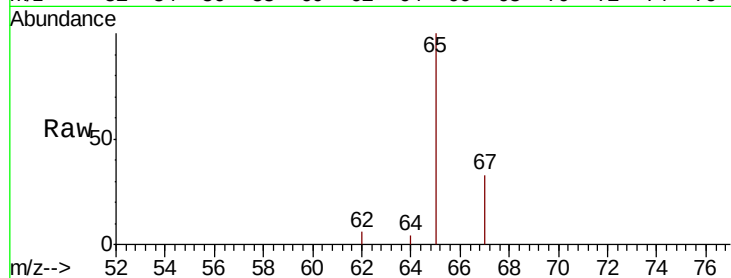
MDL-WATER-04

Tot Ion: 62 Resp: 602

Ion Ratio Lower Upper

62 100

64 60.5 23.0 42.6#



#6

Trichloroethene

Concen: 0.032 ug/L

RT: 7.18 min Scan# 518

Delta R.T. -0.00 min

Lab File: VX019435.D

Acq: 16 Nov 2020 15:18

Tgt Ion: 95 Resp: 393

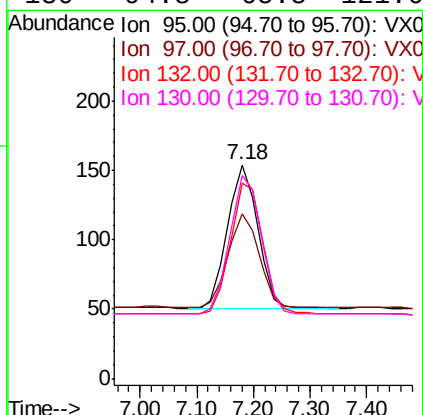
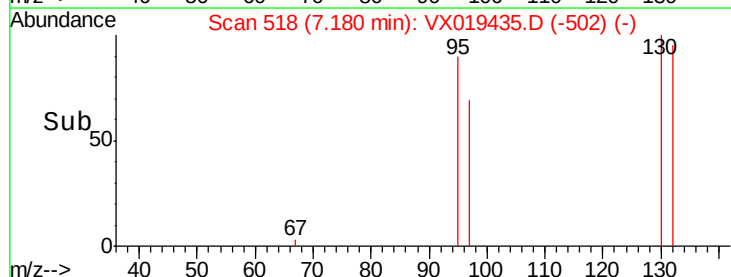
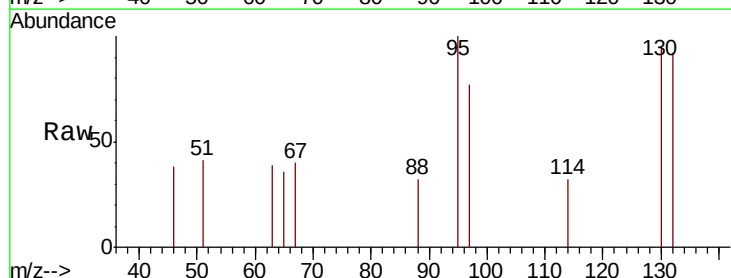
Ion Ratio Lower Upper

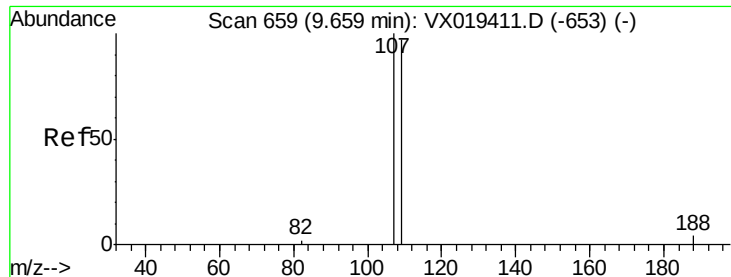
95 100

97 77.3 44.9 83.3

132 91.6 60.8 113.0

130 94.8 65.5 121.6





#9

1,2-Dibromoethane

Concen: 0.030 ug/L

RT: 9.64 min Scan# 658

Delta R.T. -0.02 min

Lab File: VX019435.D

Acq: 16 Nov 2020 15:18

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-04

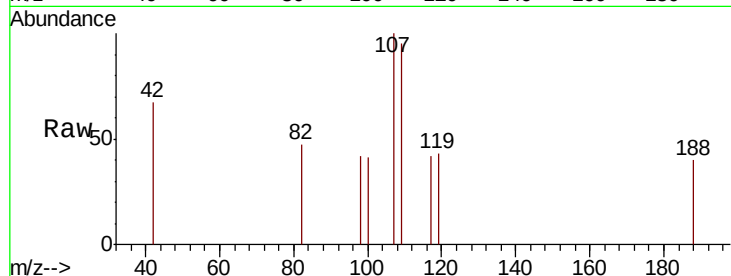
Tot Ion:107 Resp: 215

Ion Ratio Lower Upper

107 100

109 94.9 68.0 126.4

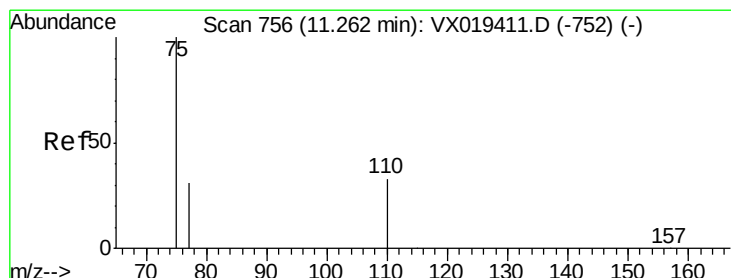
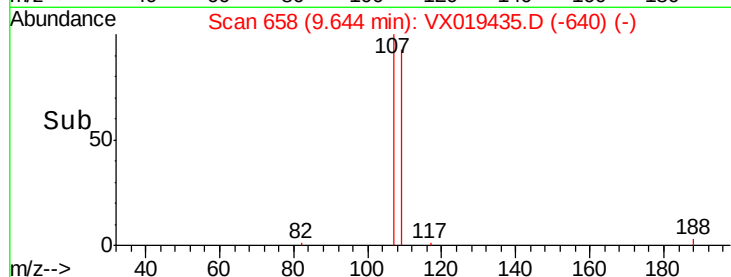
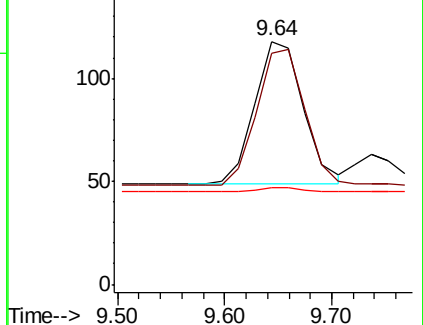
188 39.8 5.8 8.6#



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: 0.042 ug/L

RT: 11.26 min Scan# 756

Delta R.T. -0.00 min

Lab File: VX019435.D

Acq: 16 Nov 2020 15:18

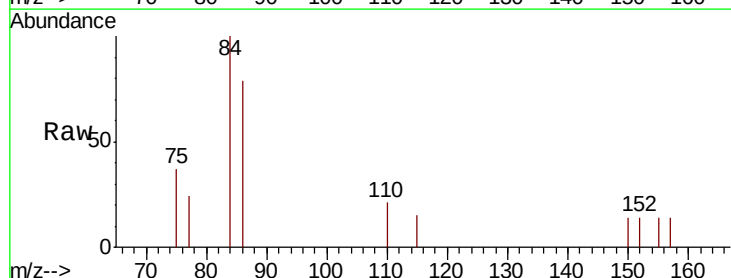
Tgt Ion: 75 Resp: 249

Ion Ratio Lower Upper

75 100

110 40.2 31.4 47.2

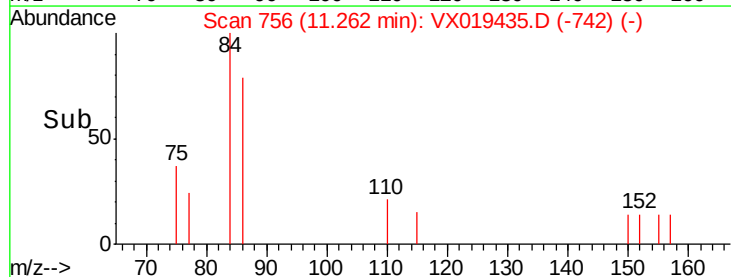
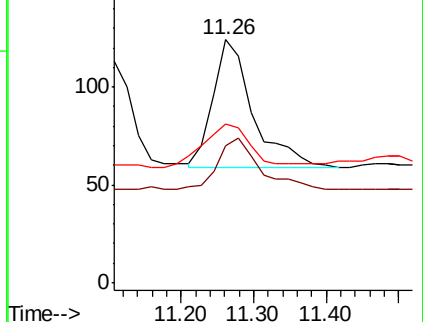
77 39.8 27.1 40.7

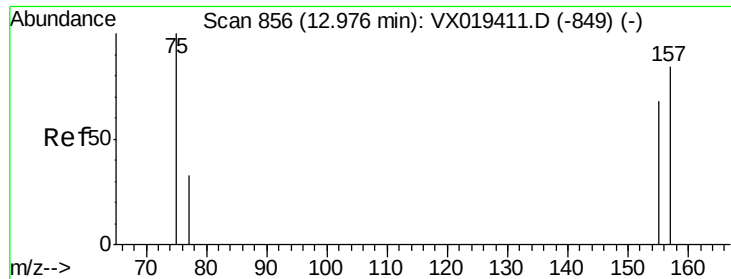


Abundance Ion 75.00 (74.70 to 75.70): VX0

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: 0.044 ug/L

RT: 12.98 min Scan# 856

Delta R.T. 0.00 min

Lab File: VX019435.D

Acq: 16 Nov 2020 15:18

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-04

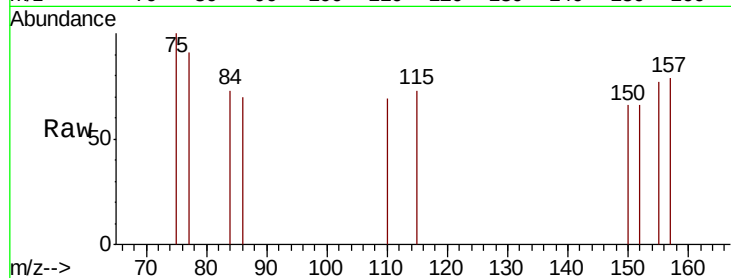
Tot Ion: 75 Resp: 45

Ion Ratio Lower Upper

75 100

157 78.6 66.0 99.0

155 77.1 56.0 84.0



Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 157.00 (156.70 to 157.70): V
Ion 155.00 (154.70 to 155.70): V

