

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111620\
 Data File : VX019436.D
 Acq On : 16 Nov 2020 15:43
 Operator : JC/MD
 Sample : L4485-12
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-05

Quant Time: Nov 17 09:10:10 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	6.83	114	17587	0.50	ug/L	0.01
5) Chlorobenzene-d5	10.09	117	15228	0.50	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	12.06	152	6998	0.50	ug/L	0.00

System Monitoring Compounds

2) Vinyl Chloride-d3	1.39	65	10033	0.54	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	108.00%
4) 1,2-Dichloroethane-d4	6.03	65	7754	0.47	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	94.00%
7) 1,2-Dichloropropane-d6	7.36	67	8153	0.59	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	=	118.00%
8) Toluene-d8	8.68	98	20405	0.52	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	104.00%
10) 1,1,2,2-Tetrachloroethane-	11.22	84	5722	0.59	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	118.00%

Target Compounds

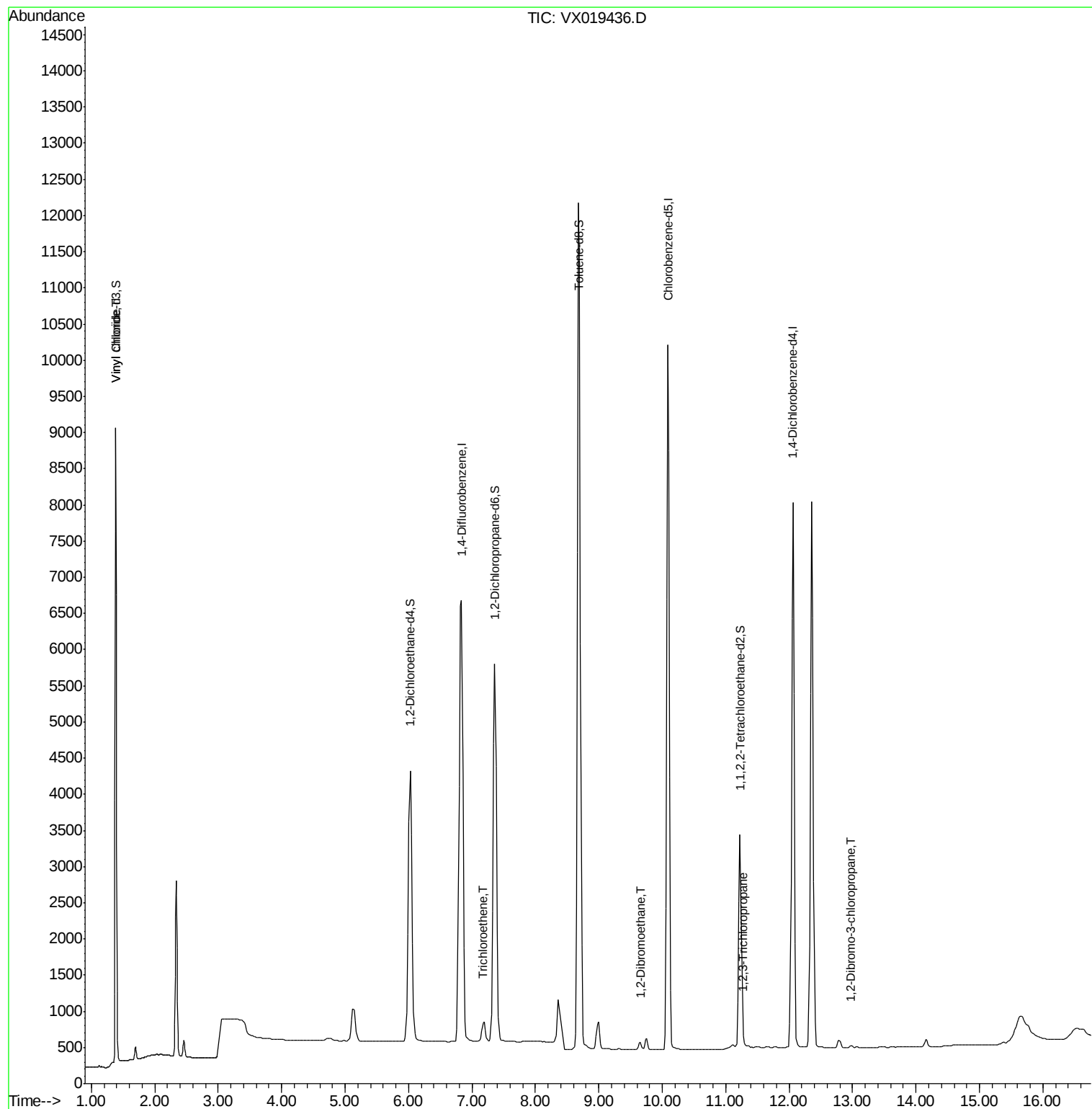
					Qvalue
3) Vinyl chloride	1.39	62	481	0.028 ug/L #	33
6) Trichloroethene	7.17	95	289	0.023 ug/L	94
9) 1,2-Dibromoethane	9.66	107	164	0.022 ug/L #	92
12) 1,2,3-Trichloropropane	11.27	75	192	0.028 ug/L	97
13) 1,2-Dibromo-3-chloropropan	12.97	75	30	0.025 ug/L	92

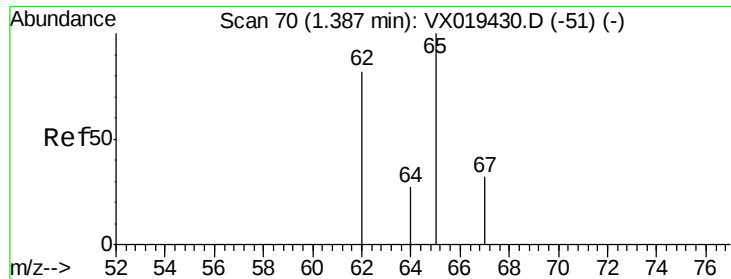
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Vinyl chloride

Concen: 0.028 ug/L

RT: 1.39 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX019436.D

Acq: 16 Nov 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

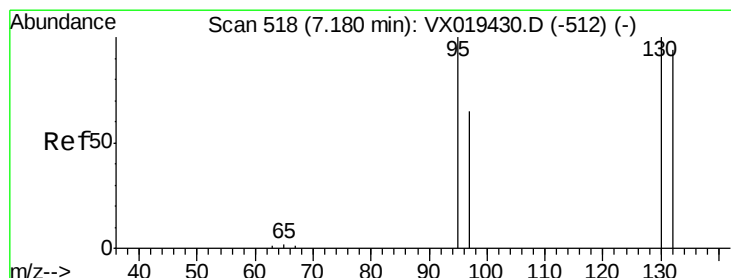
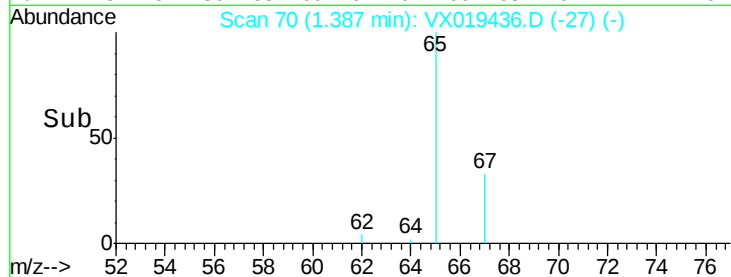
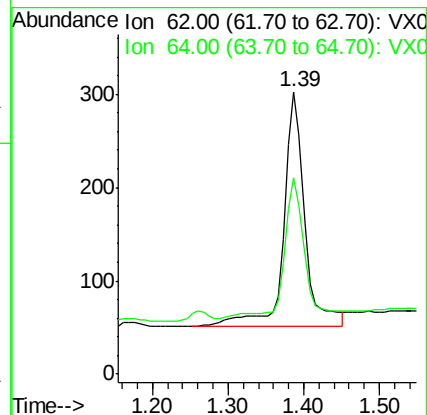
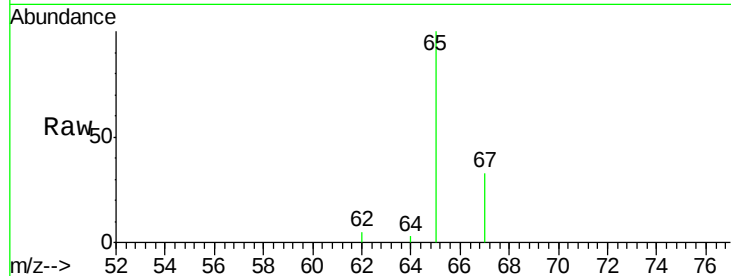
MDL-WATER-05

Tot Ion: 62 Resp: 481

Ion Ratio Lower Upper

62 100

64 69.3 22.5 41.7#



#6

Trichloroethene

Concen: 0.023 ug/L

RT: 7.17 min Scan# 517

Delta R.T. -0.01 min

Lab File: VX019436.D

Acq: 16 Nov 2020 15:43

Tgt Ion: 95 Resp: 289

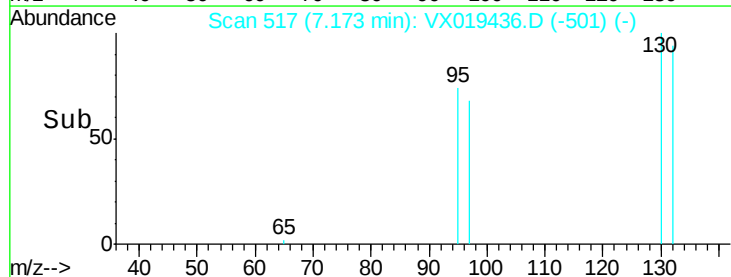
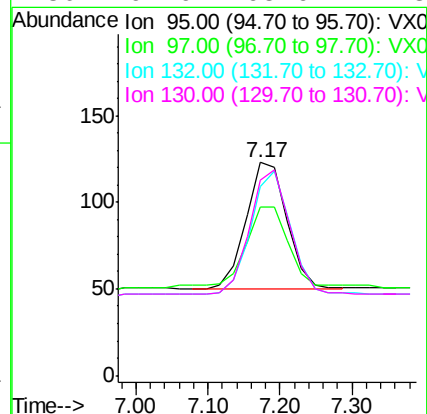
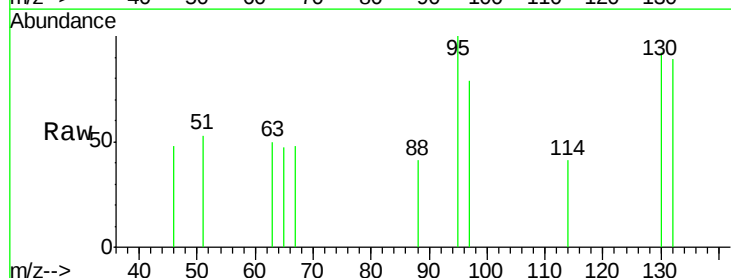
Ion Ratio Lower Upper

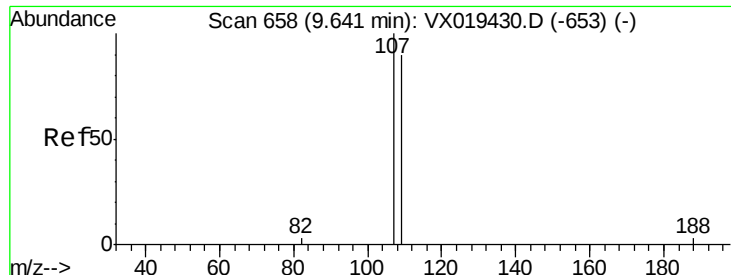
95 100

97 78.9 45.2 84.0

132 88.6 61.0 113.4

130 91.9 65.6 121.8





#9

1,2-Dibromoethane

Concen: 0.022 ug/L

RT: 9.66 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX019436.D

Acq: 16 Nov 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-05

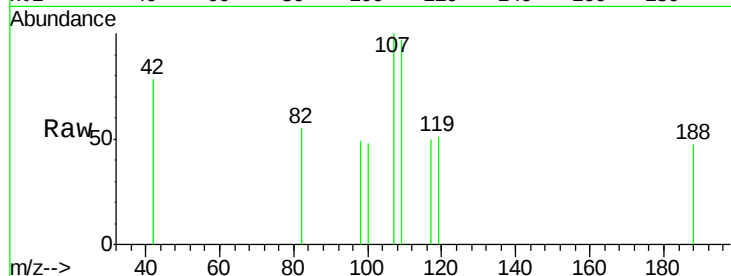
Tot Ion:107 Resp: 164

Ion Ratio Lower Upper

107 100

109 97.0 67.5 125.3

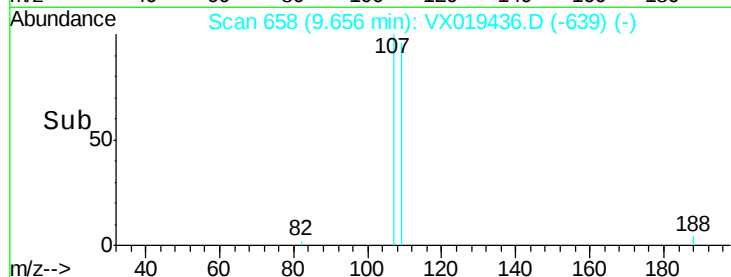
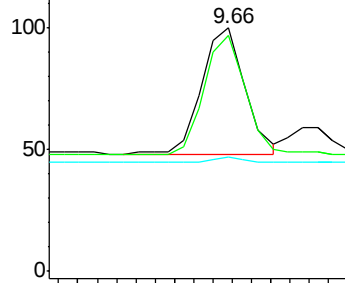
188 47.0 5.5 8.3#



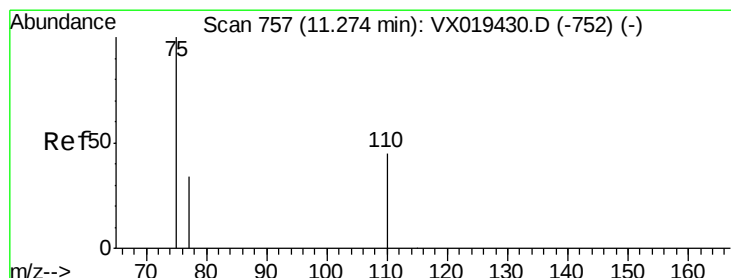
Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

Ion 188.00 (187.70 to 188.70): V



Time-->



#12

1,2,3-Trichloropropane

Concen: 0.028 ug/L

RT: 11.27 min Scan# 756

Delta R.T. -0.00 min

Lab File: VX019436.D

Acq: 16 Nov 2020 15:43

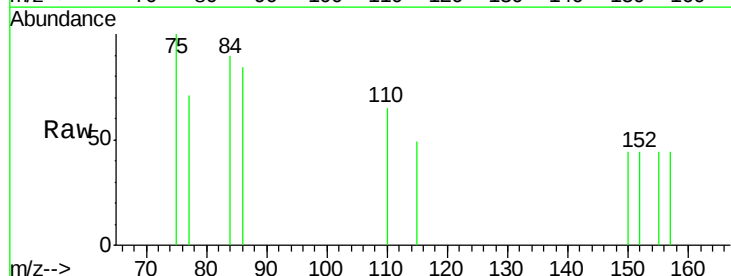
Tgt Ion: 75 Resp: 192

Ion Ratio Lower Upper

75 100

110 39.1 33.0 49.4

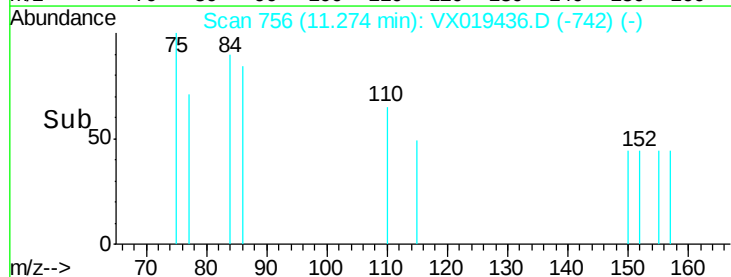
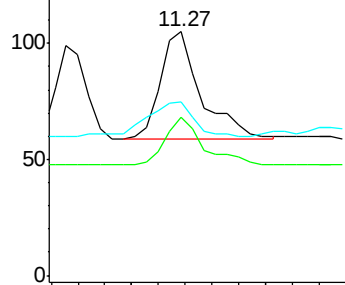
77 34.9 26.6 39.8



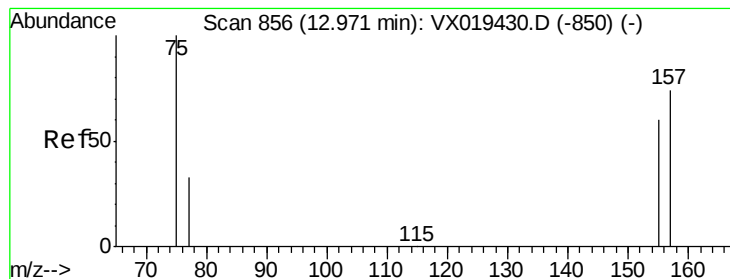
Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VX0



Time-->



#13

1,2-Dibromo-3-chloropropane

Concen: 0.025 ug/L

RT: 12.97 min Scan# 855

Delta R.T. -0.00 min

Lab File: VX019436.D

Acq: 16 Nov 2020 15:43

Instrument :

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MDL-WATER-05

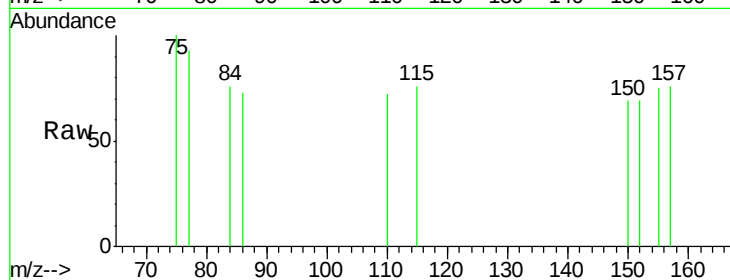
Tot Ion: 75 Resp: 30

Ion Ratio Lower Upper

75 100

157 76.1 59.6 89.4

155 74.6 50.6 76.0



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

