

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111820\
 Data File : VX019448.D
 Acq On : 18 Nov 2020 11:48
 Operator : JC/MD
 Sample : L4485-14
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-07

Quant Time: Nov 19 12:14:02 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	16011	0.50	ug/L	0.00
5) Chlorobenzene-d5	10.09	117	14443	0.50	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	12.06	152	8789	0.50	ug/L	0.00

System Monitoring Compounds

2) Vinyl Chloride-d3	1.39	65	8687	0.52	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	104.00%
4) 1,2-Dichloroethane-d4	6.01	65	7414	0.49	ug/L	-0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	98.00%
7) 1,2-Dichloropropane-d6	7.35	67	7843	0.59	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	118.00%
8) Toluene-d8	8.68	98	20271	0.55	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	110.00%
10) 1,1,2,2-Tetrachloroethane-	11.22	84	4651	0.50	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	100.00%

Target Compounds

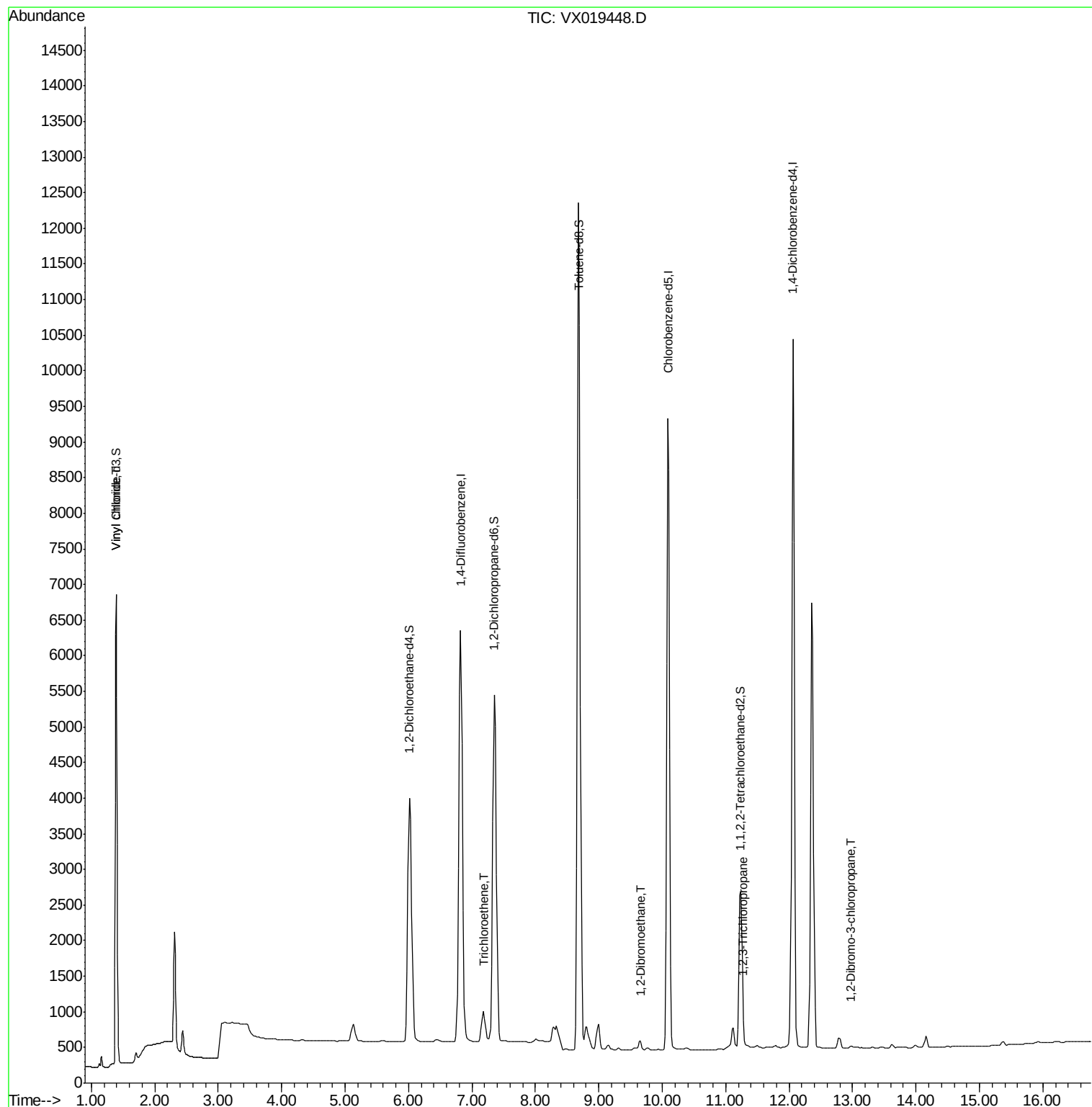
					Qvalue
3) Vinyl chloride	1.39	62	460	0.030 ug/L #	47
6) Trichloroethene	7.18	95	454	0.038 ug/L	93
9) 1,2-Dibromoethane	9.66	107	201	0.029 ug/L #	93
12) 1,2,3-Trichloropropane	11.27	75	232	0.027 ug/L #	65
13) 1,2-Dibromo-3-chloropropan	12.97	75	34	0.023 ug/L	90

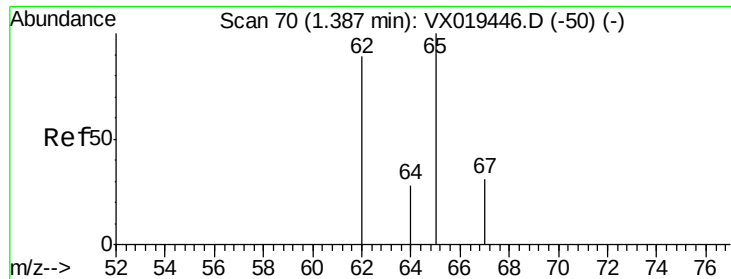
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Vinyl chloride

Concen: 0.030 ug/L

RT: 1.39 min Scan# 71

Delta R.T. 0.01 min

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Acq: 18 Nov 2020 11:48

Instrument :

MSVOA_X

ClientSampled :

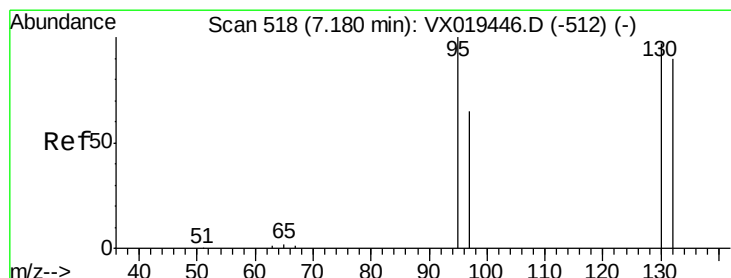
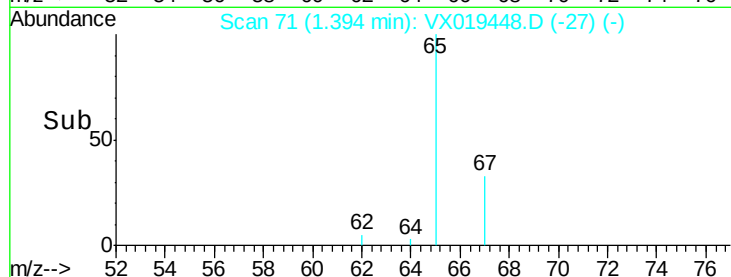
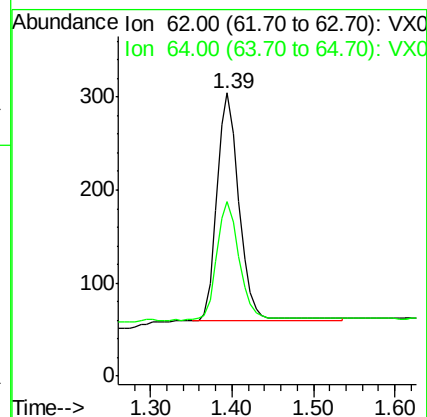
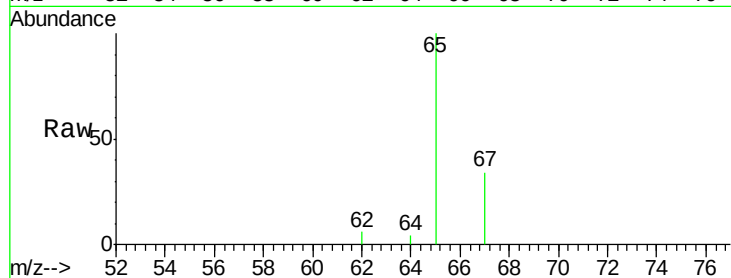
MDL-WATER-07

Tot Ion: 62 Resp: 460

Ion Ratio Lower Upper

62 100

64 61.8 22.5 41.7#



#6

Trichloroethene

Concen: 0.038 ug/L

RT: 7.18 min Scan# 518

Delta R.T. 0.00 min

Lab File: VX019448.D

Acq: 18 Nov 2020 11:48

Tgt Ion: 95 Resp: 454

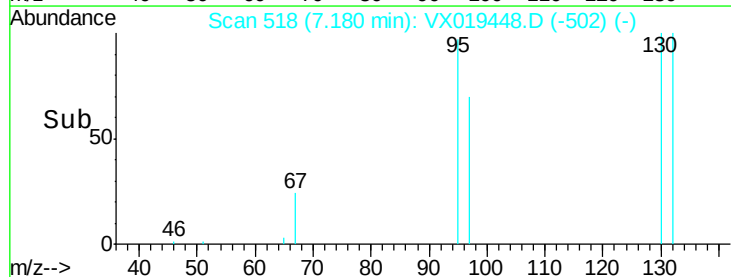
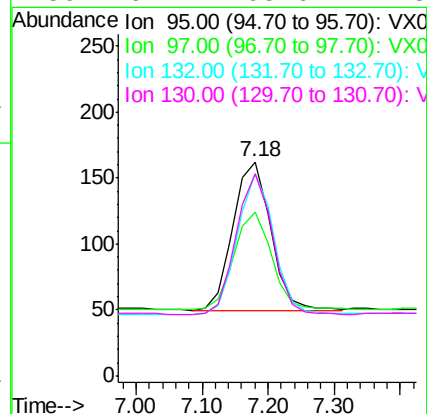
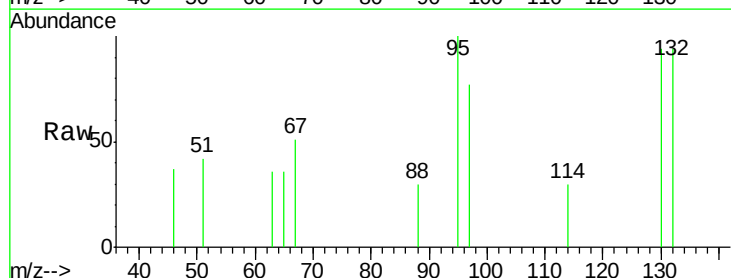
Ion Ratio Lower Upper

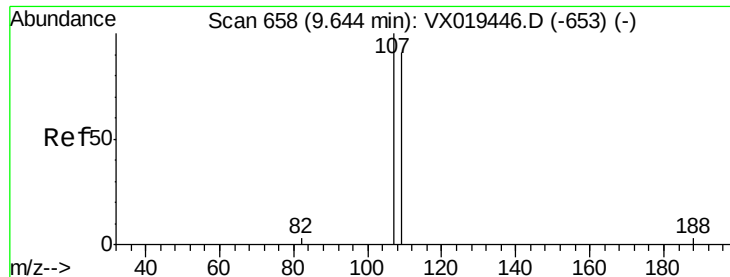
95 100

97 76.5 45.2 84.0

132 94.4 61.0 113.4

130 94.4 65.6 121.8





#9

1,2-Dibromoethane

Concen: 0.029 ug/L

RT: 9.66 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX019448.D

Acq: 18 Nov 2020 11:48

Instrument :

MSVOA_X

ClientSampled :

MDL-WATER-07

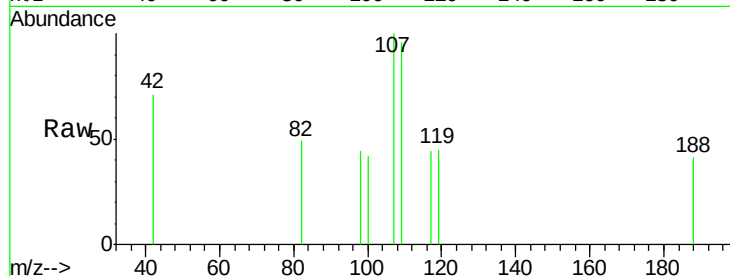
Tot Ion:107 Resp: 201

Ion Ratio Lower Upper

107 100

109 96.4 67.5 125.3

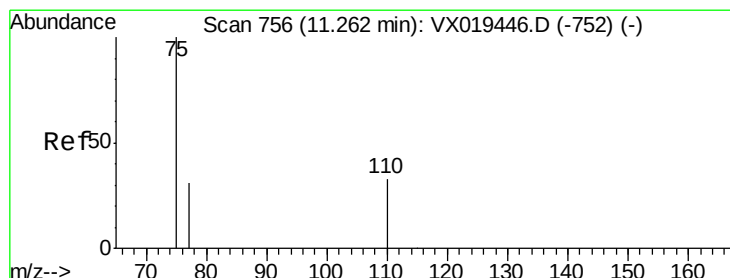
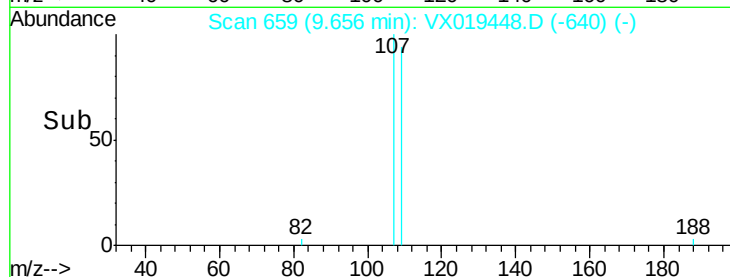
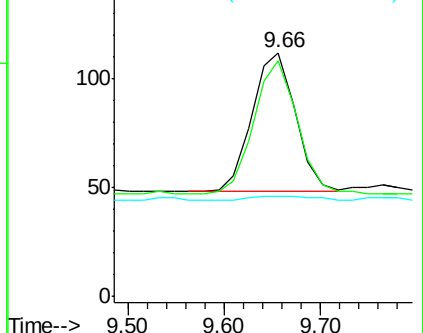
188 41.1 5.5 8.3#



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: 0.027 ug/L

RT: 11.27 min Scan# 757

Delta R.T. 0.00 min

Lab File: VX019448.D

Acq: 18 Nov 2020 11:48

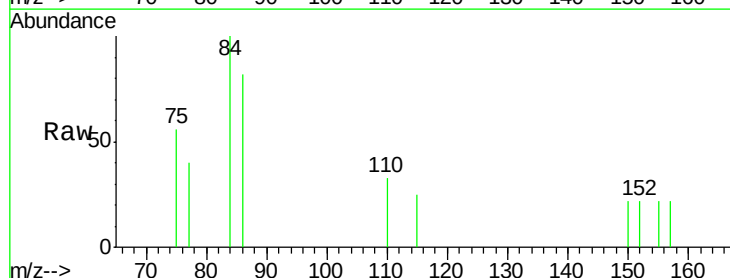
Tgt Ion: 75 Resp: 232

Ion Ratio Lower Upper

75 100

110 40.9 33.0 49.4

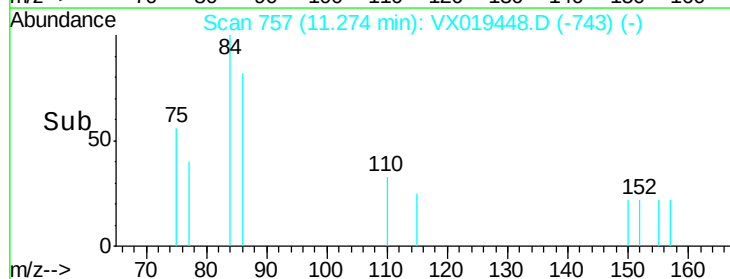
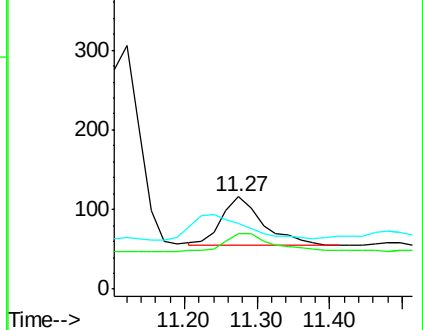
77 77.2 26.6 39.8#

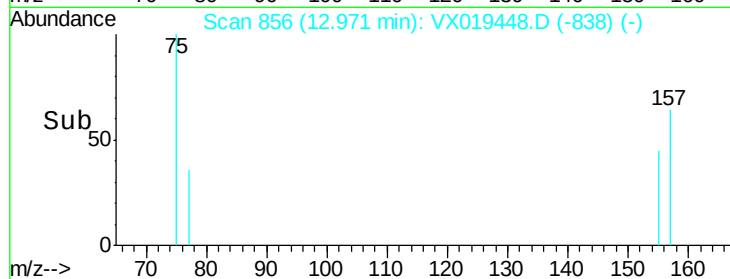
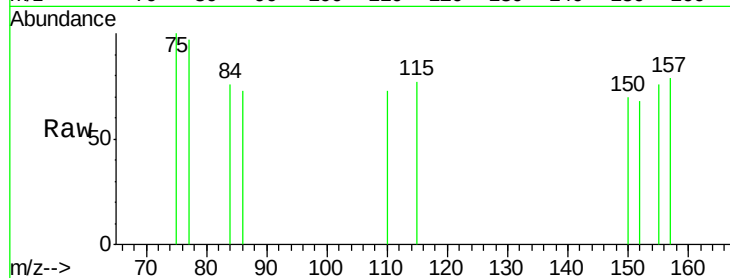
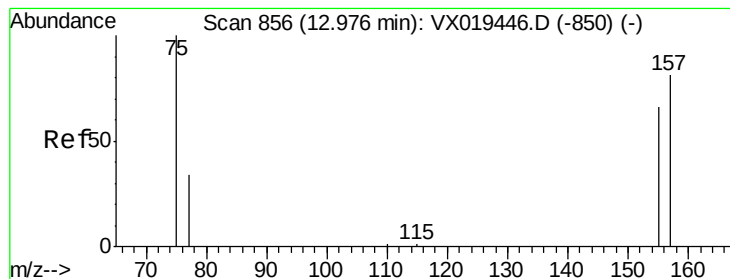


Abundance Ion 75.00 (74.70 to 75.70): VX0

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: 0.023 ug/L

RT: 12.97 min Scan# 856

Delta R.T. 0.00 min

Lab File: VX019448.D

Acq: 18 Nov 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-07

Tot Ion: 75 Resp: 34

Ion Ratio Lower Upper

75 100

157 78.8 59.6 89.4

155 75.8 50.6 76.0

