

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111320\
 Data File : VX019427.D
 Acq On : 13 Nov 2020 14:40
 Operator : JC/MD
 Sample : L4485-09
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-02

Quant Time: Nov 17 04:27:57 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	17116	0.50	ug/L	0.01
5) Chlorobenzene-d5	10.10	117	14738	0.50	ug/L	0.01
11) 1,4-Dichlorobenzene-d4	12.06	152	6659	0.50	ug/L	0.00

System Monitoring Compounds

2) Vinyl Chloride-d3	1.39	65	9443	0.52	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	104.00%
4) 1,2-Dichloroethane-d4	6.03	65	7442	0.46	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	92.00%
7) 1,2-Dichloropropane-d6	7.36	67	7746	0.58	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	=	116.00%
8) Toluene-d8	8.69	98	18830	0.50	ug/L	0.01
Spiked Amount	0.500	Range	70 - 130	Recovery	=	100.00%
10) 1,1,2,2-Tetrachloroethane-	11.22	84	5464	0.58	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	116.00%

Target Compounds

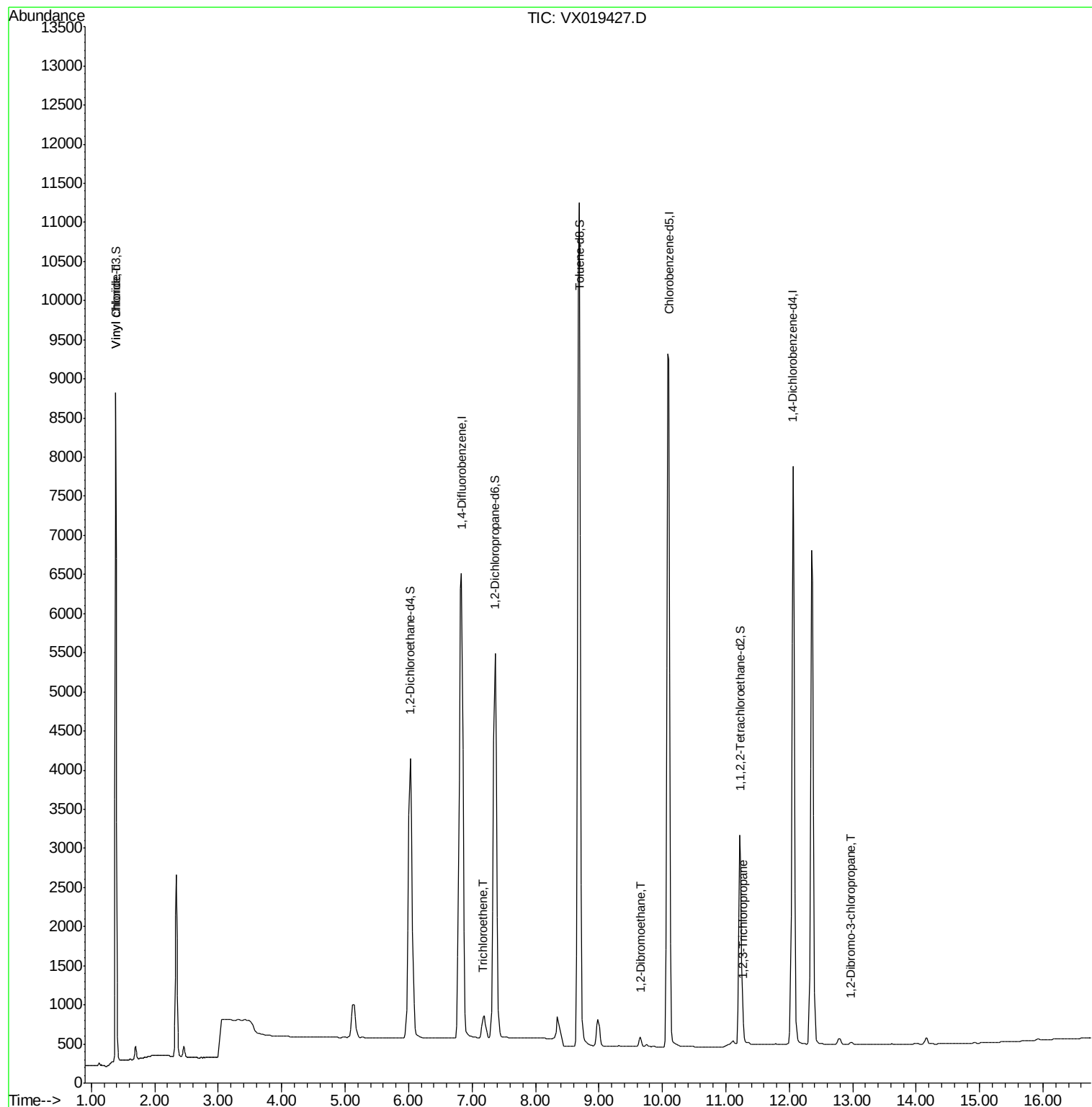
						Qvalue
3) Vinyl chloride	1.39	62	505	0.030	ug/L #	40
6) Trichloroethene	7.17	95	323	0.026	ug/L	94
9) 1,2-Dibromoethane	9.65	107	181	0.025	ug/L #	92
12) 1,2,3-Trichloropropane	11.27	75	218	0.033	ug/L	92
13) 1,2-Dibromo-3-chloropropan	12.97	75	34	0.030	ug/L #	89

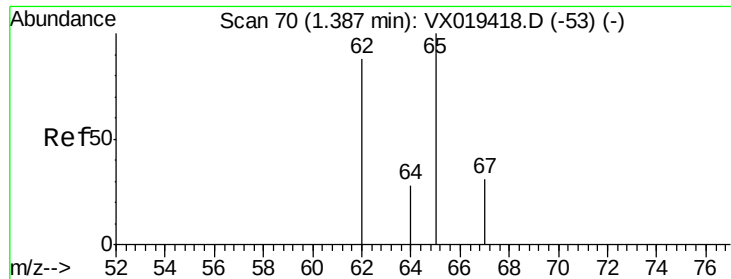
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Vinyl chloride

Concen: 0.030 ug/L

RT: 1.39 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX019427.D

Acq: 13 Nov 2020 14:40

Instrument :

MSVOA_X

ClientSampled :

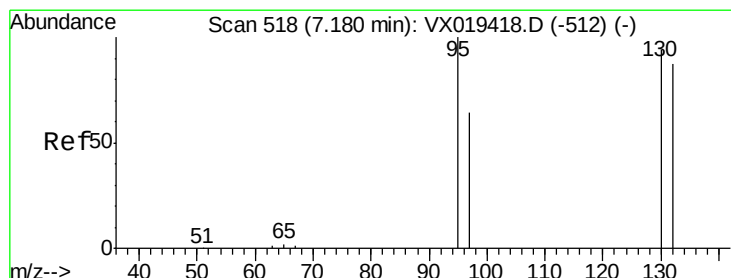
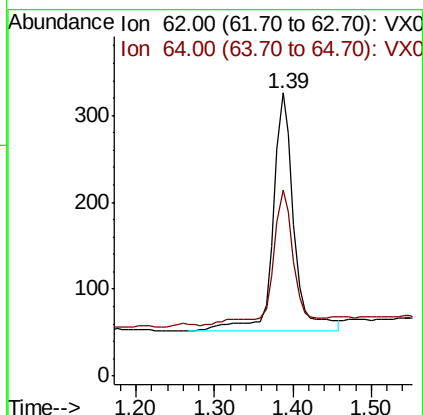
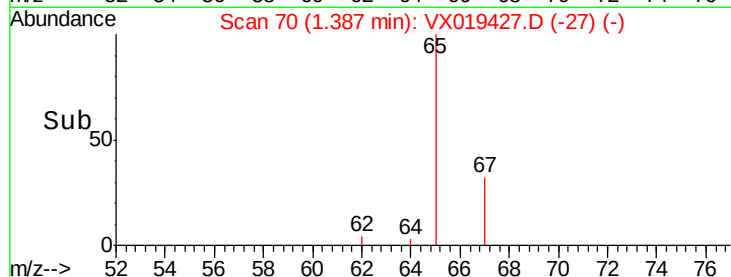
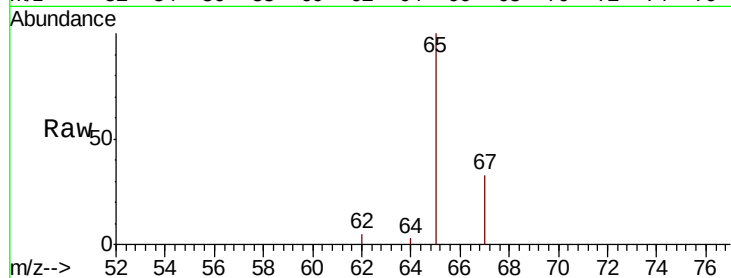
MDL-WATER-02

Tot Ion: 62 Resp: 505

Ion Ratio Lower Upper

62 100

64 65.6 22.5 41.7#



#6

Trichloroethene

Concen: 0.026 ug/L

RT: 7.17 min Scan# 517

Delta R.T. -0.01 min

Lab File: VX019427.D

Acq: 13 Nov 2020 14:40

Tgt Ion: 95 Resp: 323

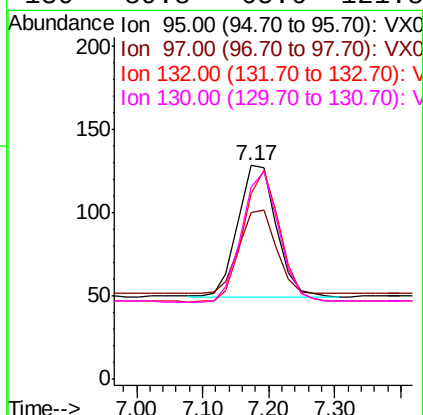
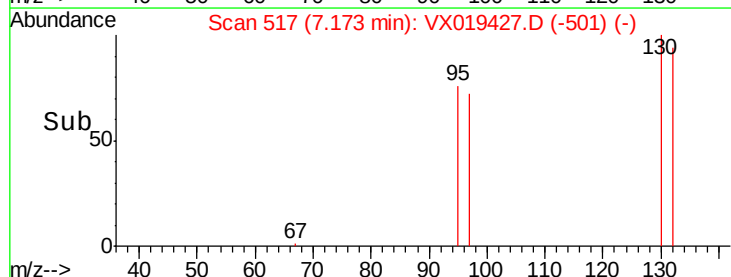
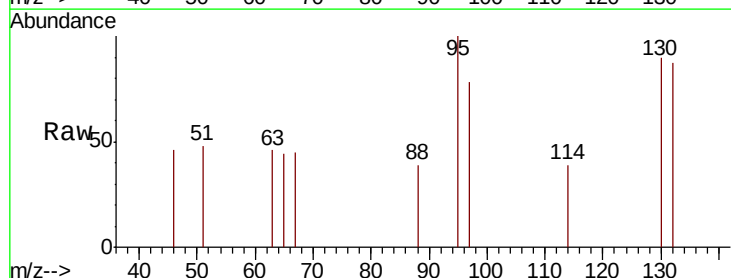
Ion Ratio Lower Upper

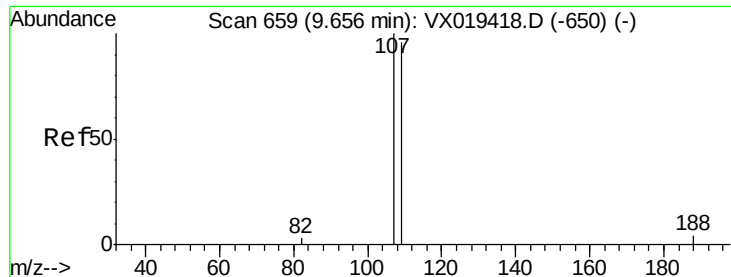
95 100

97 78.1 45.2 84.0

132 86.7 61.0 113.4

130 89.8 65.6 121.8





#9

1,2-Dibromoethane

Concen: 0.025 ug/L

RT: 9.65 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX019427.D

Acq: 13 Nov 2020 14:40

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-02

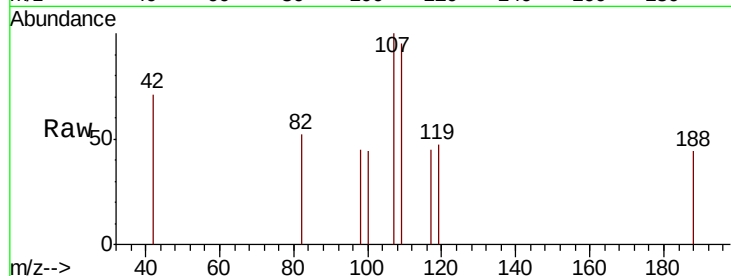
Tot Ion: 107 Resp: 181

Ion Ratio Lower Upper

107 100

109 95.4 67.5 125.3

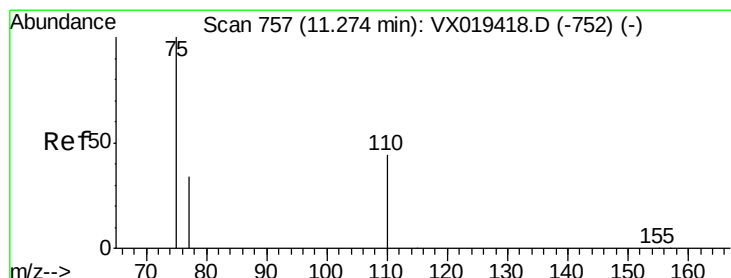
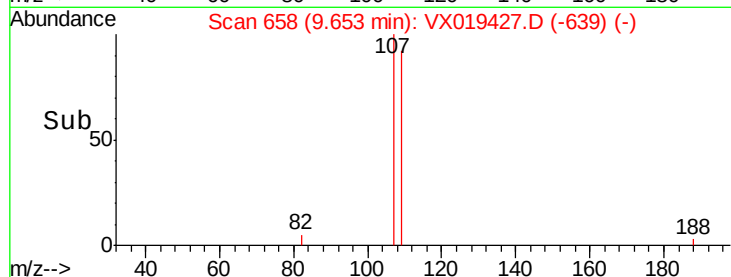
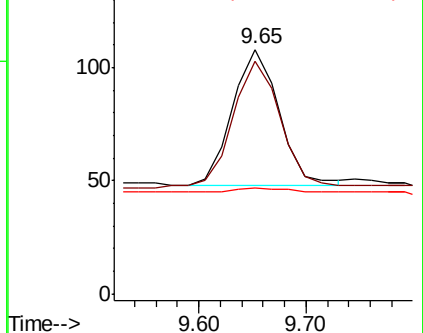
188 43.5 5.5 8.3#



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: 0.033 ug/L

RT: 11.27 min Scan# 756

Delta R.T. -0.00 min

Lab File: VX019427.D

Acq: 13 Nov 2020 14:40

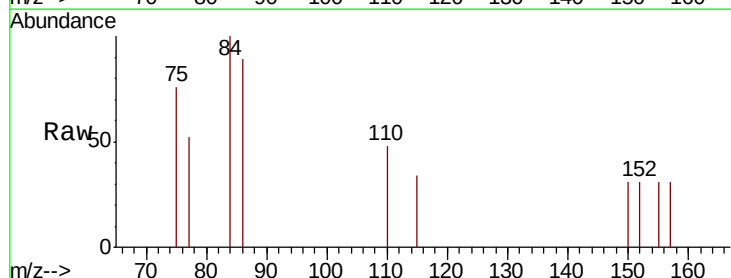
Tgt Ion: 75 Resp: 218

Ion Ratio Lower Upper

75 100

110 34.9 33.0 49.4

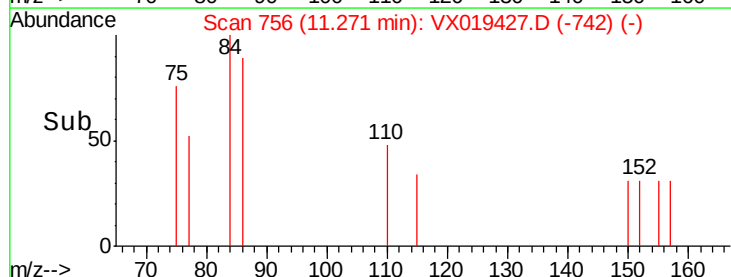
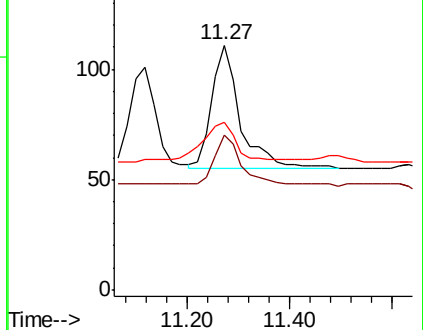
77 30.3 26.6 39.8

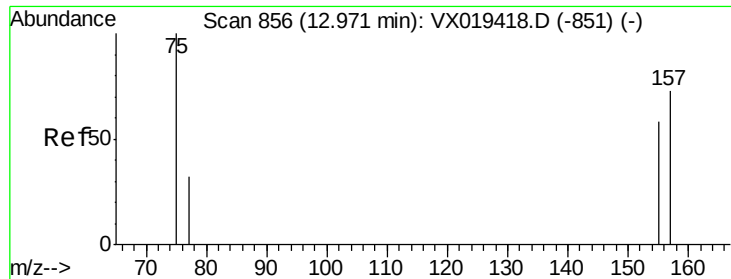


Abundance Ion 75.00 (74.70 to 75.70): VX0

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: 0.030 ug/L

RT: 12.97 min Scan# 855

Delta R.T. -0.00 min

Lab File: VX019427.D

Acq: 13 Nov 2020 14:40

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-02

Tot Ion: 75 Resp: 34

Ion Ratio Lower Upper

75 100

157 78.5 59.6 89.4

155 76.9 50.6 76.0#

