

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111820\
 Data File : VV019396.D
 Acq On : 18 Nov 2020 15:31
 Operator : SY/MD
 Sample : L4485-08
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-01

Quant Time: Nov 19 07:45:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMV111820SIM.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 19 07:44:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	5498	0.50	ug/L	0.00
5) Chlorobenzene-d5	8.88	117	5102	0.50	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	11.28	152	2713	0.50	ug/L	0.00

System Monitoring Compounds						
2) Vinyl Chloride-d3	1.32	65	3849	0.49	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	98.00%
4) 1,2-Dichloroethane-d4	5.04	65	2338	0.51	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	102.00%
7) 1,2-Dichloropropane-d6	6.09	67	2218	0.52	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	=	104.00%
8) Toluene-d8	7.33	98	5986	0.49	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	98.00%
10) 1,1,2,2-Tetrachloroethane-	10.23	84	1130	0.49	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	98.00%

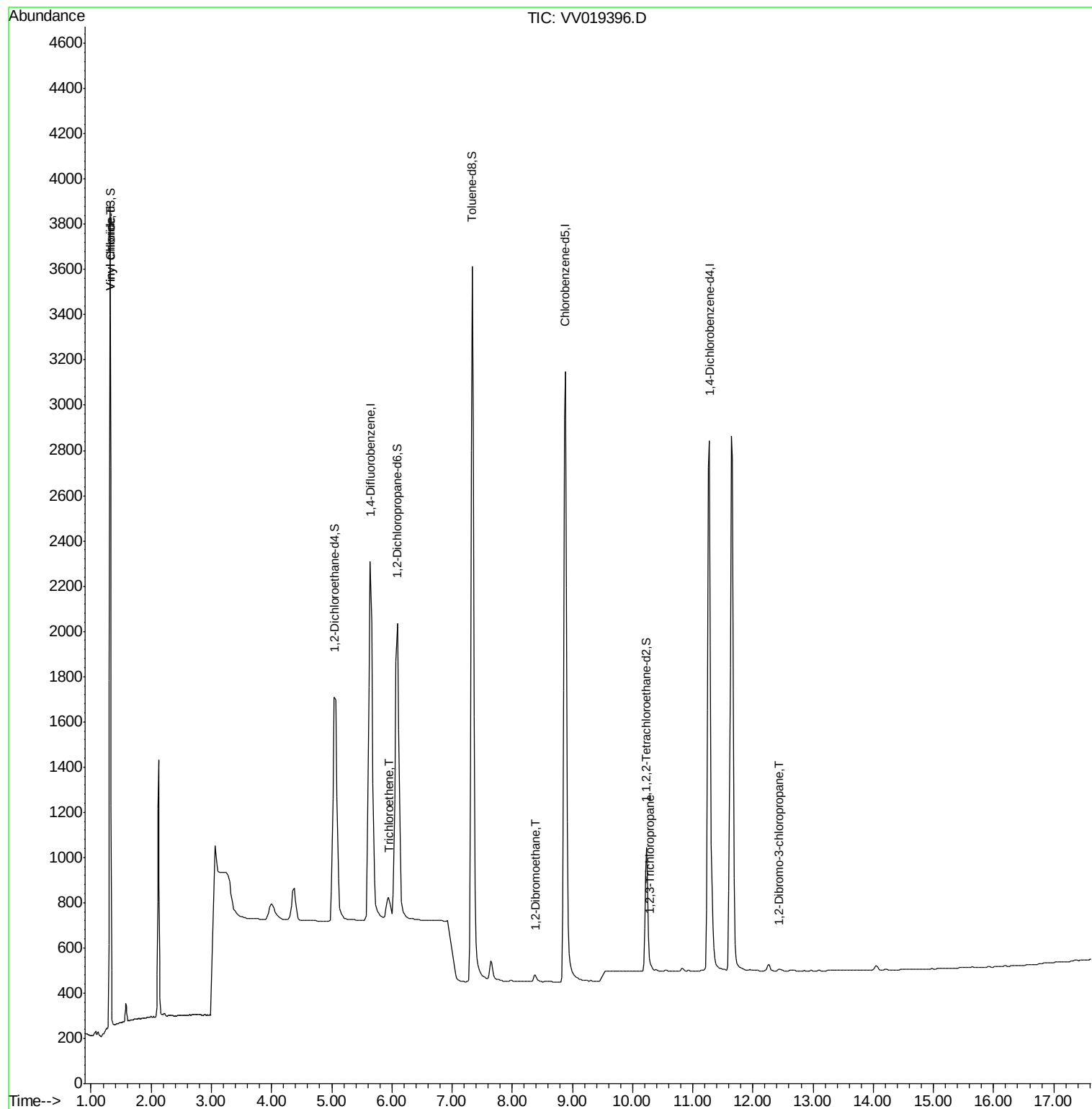
Target Compounds					Qvalue
3) Vinyl chloride	1.32	62	241	0.034	ug/L # 25
6) Trichloroethene	5.95	95	117	0.028	ug/L # 84
9) 1,2-Dibromoethane	8.38	107	58	0.024	ug/L # 79
12) 1,2,3-Trichloropropane	10.28	75	46	0.023	ug/L # 91
13) 1,2-Dibromo-3-chloropropan	12.43	75	9	0.028	ug/L 95

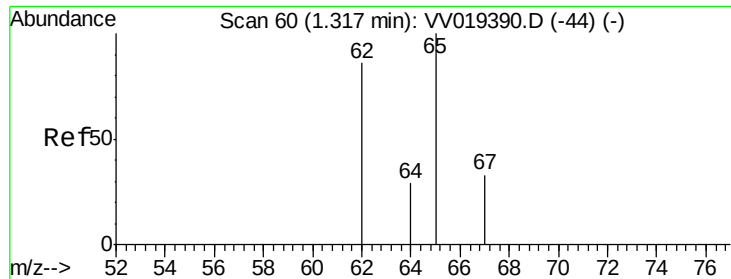
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Vinyl chloride

Concen: 0.034 ug/L

RT: 1.32 min Scan# 60

Delta R.T. -0.00 min

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Acq: 18 Nov 2020 15:31

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MSVOA_V

ClientSampleId :

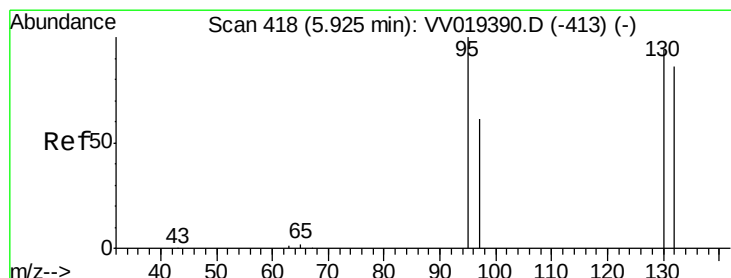
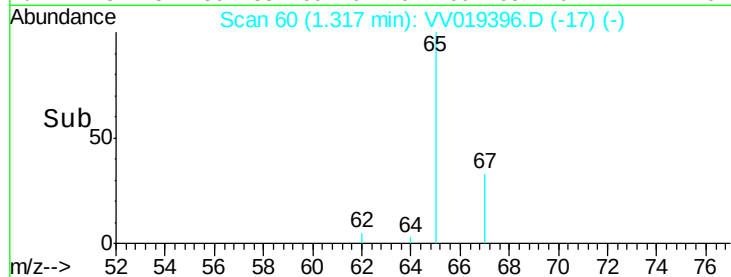
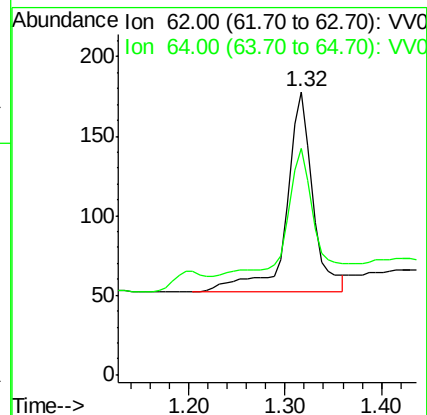
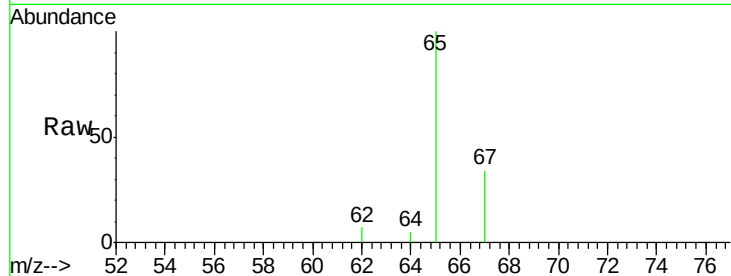
MDL-WATER-01

Tot Ion: 62 Resp: 241

Ion Ratio Lower Upper

62 100

64 79.8 25.1 46.7#



#6

Trichloroethene

Concen: 0.028 ug/L

RT: 5.95 min Scan# 419

Delta R.T. 0.02 min

Lab File: VV019396.D

Acq: 18 Nov 2020 15:31

Tgt Ion: 95 Resp: 117

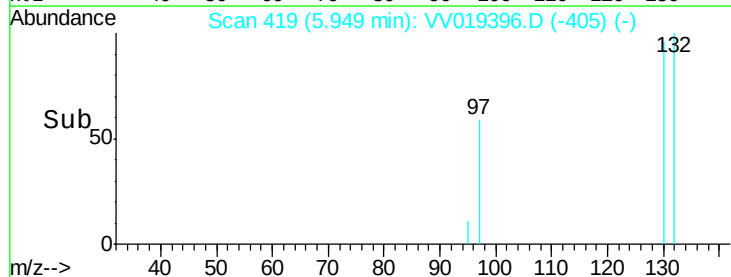
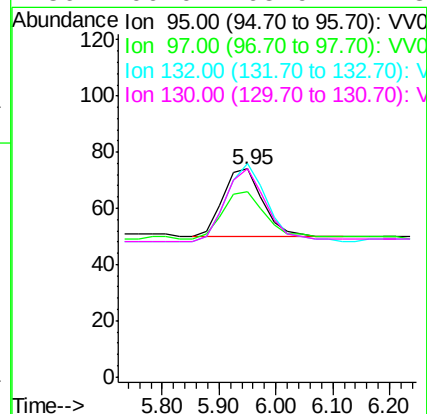
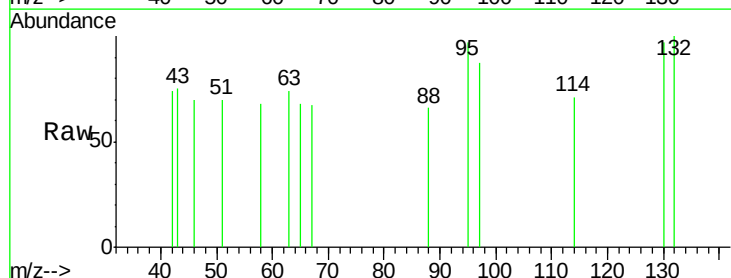
Ion Ratio Lower Upper

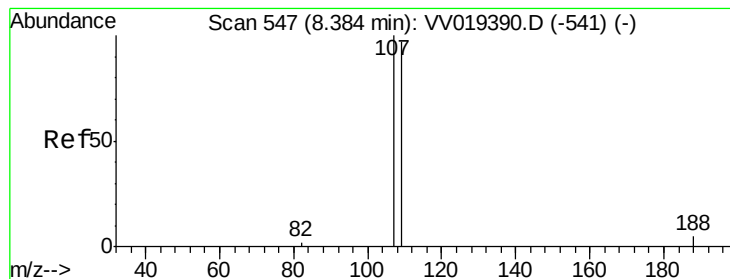
95 100

97 89.2 45.6 84.6#

132 102.7 61.0 113.2

130 100.0 65.9 122.3





#9

1,2-Dibromoethane

Concen: 0.024 ug/L

RT: 8.38 min Scan# 547

Delta R.T. -0.00 min

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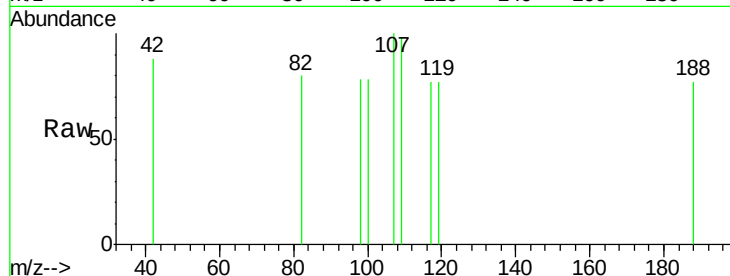
Tot Ion:107 Resp: 58

Ion Ratio Lower Upper

107 100

109 98.4 68.5 127.1

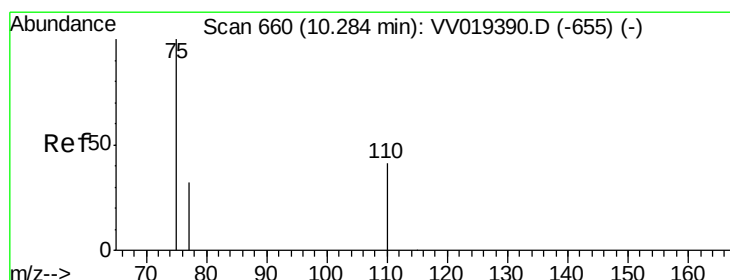
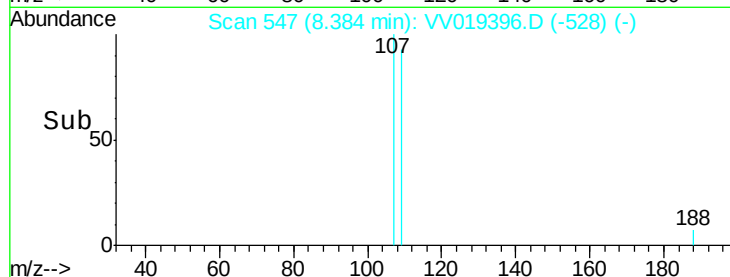
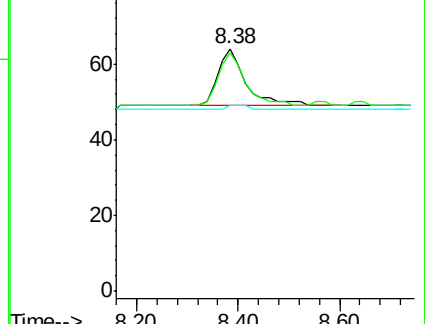
188 76.6 13.9 20.9#



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: 0.023 ug/L

RT: 10.28 min Scan# 660

Delta R.T. -0.00 min

Lab File: VV019396.D

Acq: 18 Nov 2020 15:31

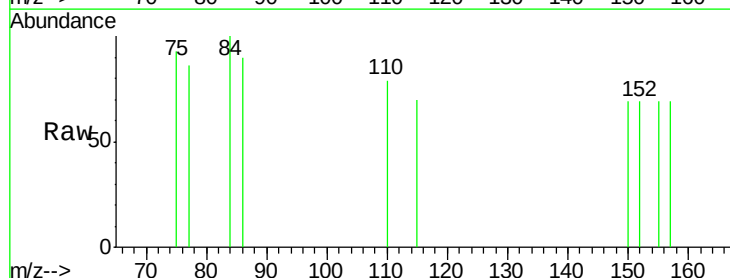
Tgt Ion: 75 Resp: 46

Ion Ratio Lower Upper

75 100

110 45.7 34.5 51.7

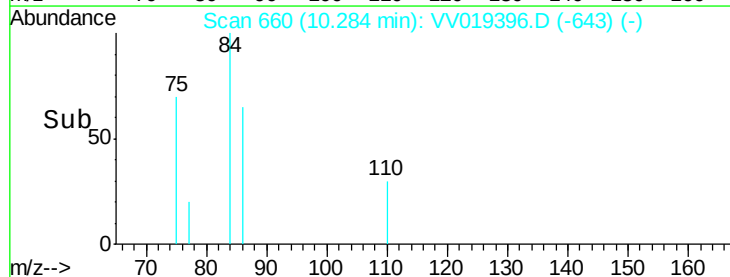
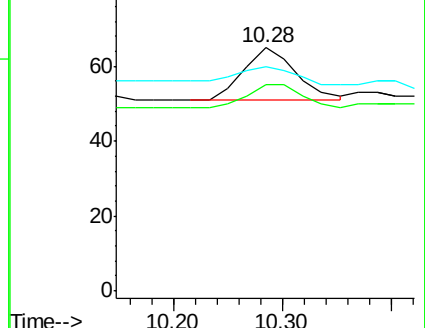
77 41.3 25.7 38.5#

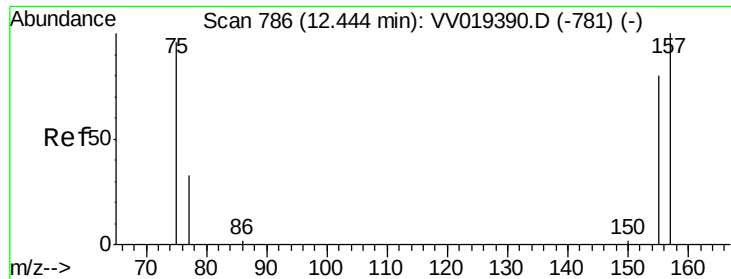


Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VV0





#13

1,2-Dibromo-3-chloropropane

Concen: 0.028 ug/L

RT: 12.43 min Scan# 785

Delta R.T. -0.02 min

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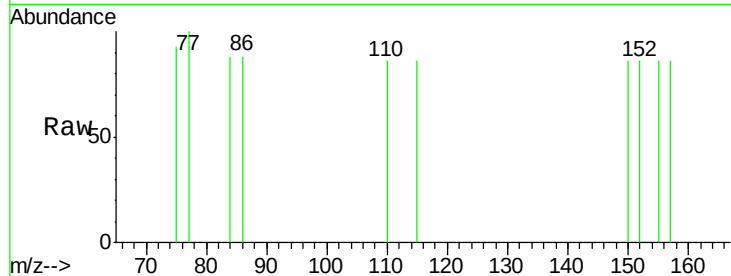
Tot Ion: 75 Resp: 9

Ion Ratio Lower Upper

75 100

157 92.5 79.2 118.8

155 92.5 71.0 106.6



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 157.00 (156.70 to 157.70): V

Ion 155.00 (154.70 to 155.70): V

