

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111620\
 Data File : VX019432.D
 Acq On : 16 Nov 2020 14:02
 Operator : JC/MD
 Sample : VX1116WBL04
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VBLK204

Quant Time: Nov 17 05:14:04 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	6.83	114	15541	0.50	ug/L	0.01
5) Chlorobenzene-d5	10.09	117	12990	0.50	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	12.06	152	5931	0.50	ug/L	0.00

System Monitoring Compounds

2) Vinyl Chloride-d3	1.39	65	7997	0.53	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	106.00%
4) 1,2-Dichloroethane-d4	6.03	65	6682	0.42	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	84.00%
7) 1,2-Dichloropropane-d6	7.36	67	6739	0.63	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	=	126.00%
8) Toluene-d8	8.68	98	17548	0.43	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	86.00%
10) 1,1,2,2-Tetrachloroethane-	11.22	84	4779	0.66	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	132.00%#

Target Compounds

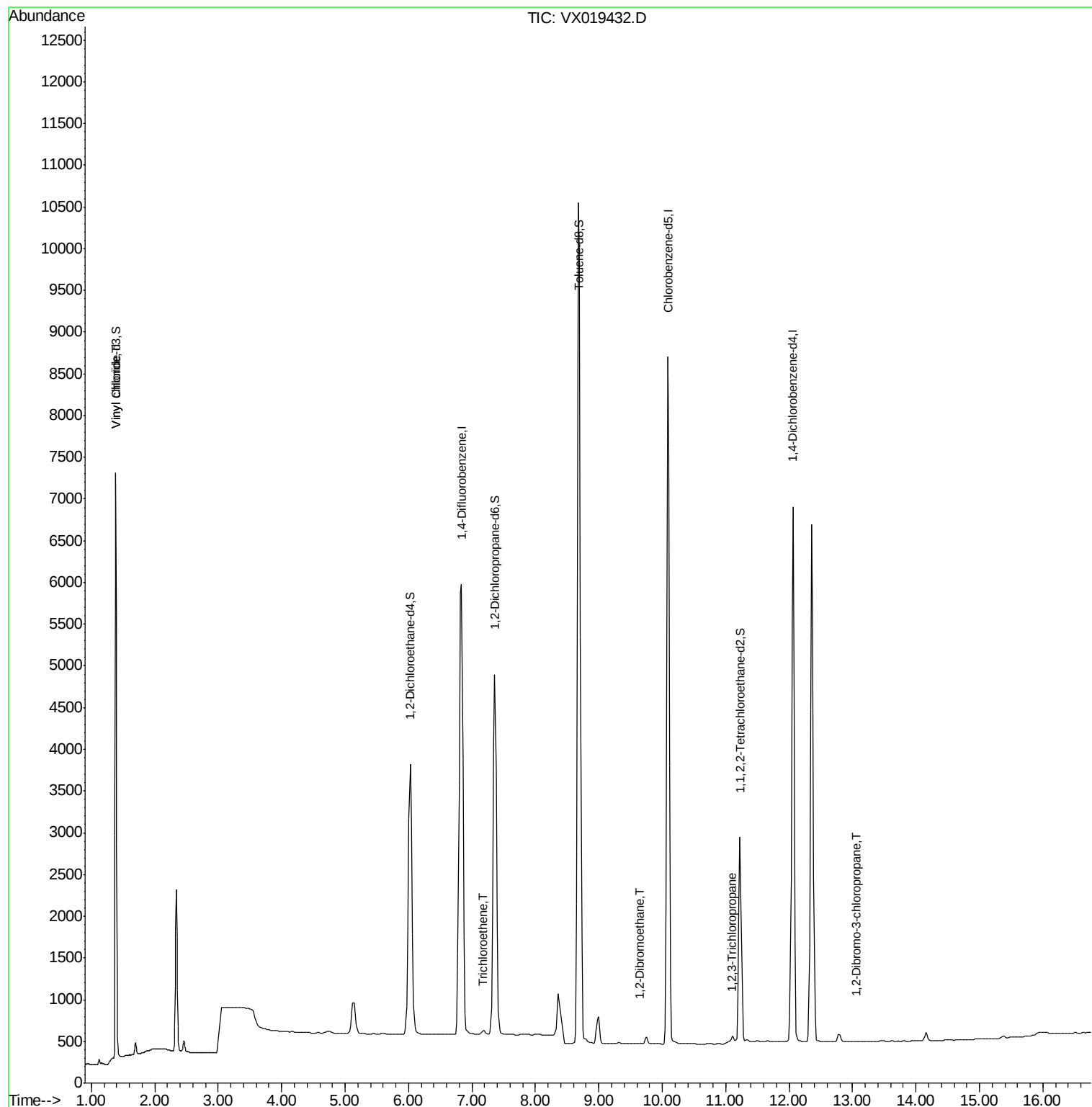
					Qvalue
3) Vinyl chloride	1.39	62	150	0.010	ug/L # 1
6) Trichloroethene	7.17	95	45	0.005	ug/L # 87
9) 1,2-Dibromoethane	9.64	107	14	0.002	ug/L # 84
12) 1,2,3-Trichloropropane	11.10	75	183	0.036	ug/L # 50
13) 1,2-Dibromo-3-chloropropan	13.06	75	17	0.020	ug/L 93

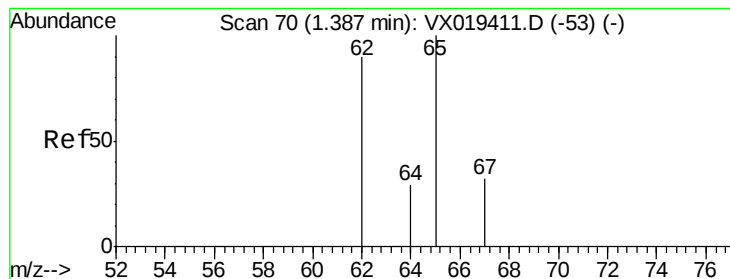
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX111620\
Data File : VX019432.D
Acq On : 16 Nov 2020 14:02
Operator : JC/MD
Sample : VX1116WBL04
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VBLK204

Quant Time: Nov 17 05:14:04 2020
Quant Method : Z:\V0ASRV\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





#3

Vinyl chloride

Concen: 0.010 ug/L

RT: 1.39 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX019432.D

Acq: 16 Nov 2020 14:02

Instrument :

MSVOA_X

ClientSampled :

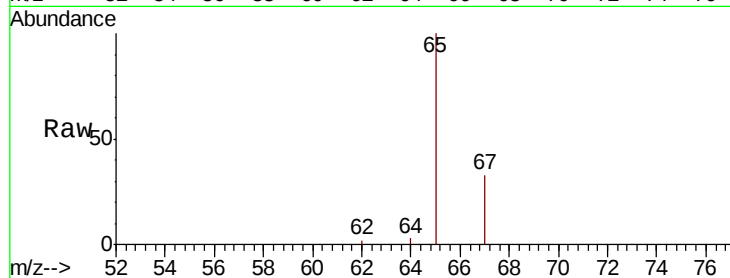
VBLK204

Tot Ion: 62 Resp: 150

Ion Ratio Lower Upper

62 100

64 136.7 23.0 42.6#



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0

150

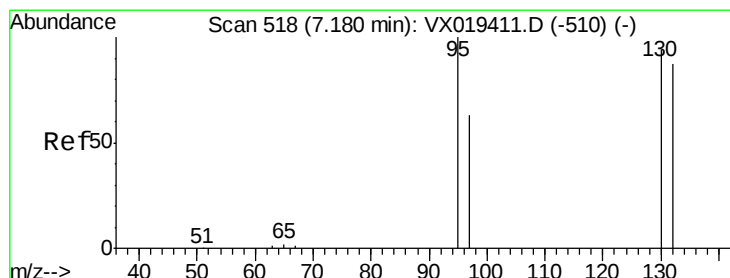
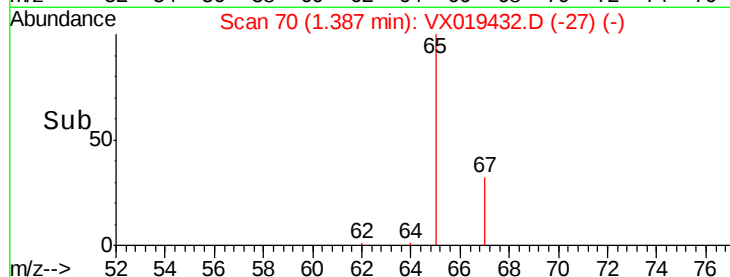
100

50

0

1.39

Time-->



#6

Trichloroethene

Concen: 0.005 ug/L

RT: 7.17 min Scan# 517

Delta R.T. -0.01 min

Lab File: VX019432.D

Acq: 16 Nov 2020 14:02

Tgt Ion: 95 Resp: 45

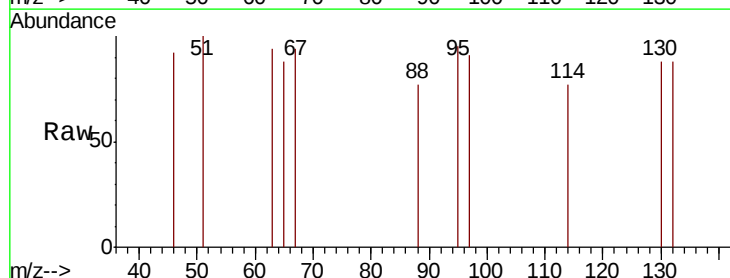
Ion Ratio Lower Upper

95 100

97 95.1 44.9 83.3#

132 91.8 60.8 113.0

130 91.8 65.5 121.6



Abundance Ion 95.00 (94.70 to 95.70): VX0

Ion 97.00 (96.70 to 97.70): VX0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

80

60

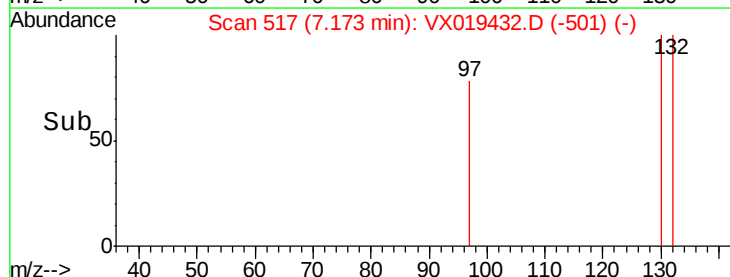
40

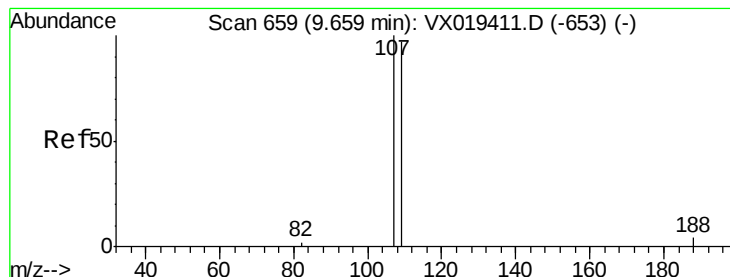
20

0

7.17

Time-->





#9

1,2-Dibromoethane

Concen: 0.002 ug/L

RT: 9.64 min Scan# 657

Delta R.T. -0.02 min

Lab File: VX019432.D

Acq: 16 Nov 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VBLK204

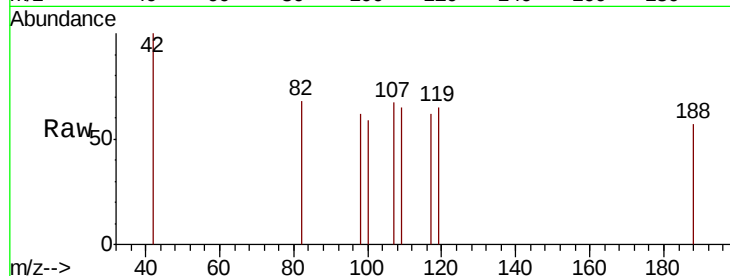
Tot Ion:107 Resp: 14

Ion Ratio Lower Upper

107 100

109 96.2 68.0 126.4

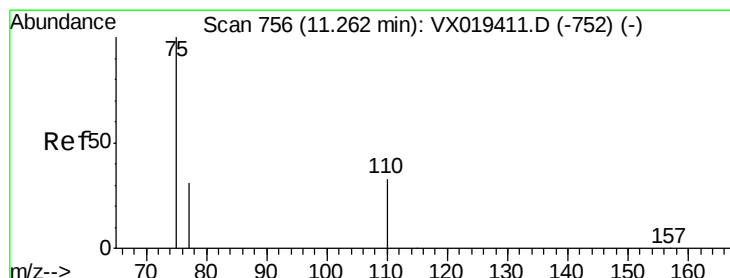
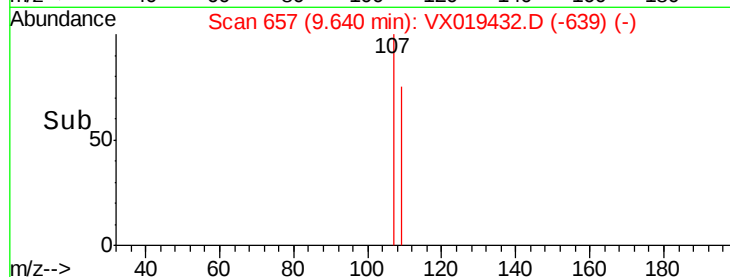
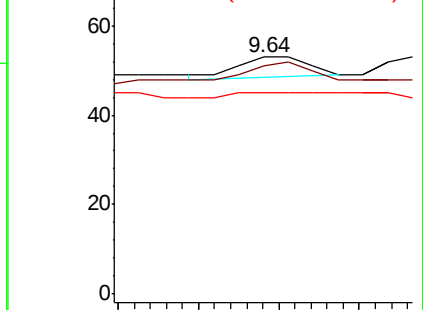
188 84.9 5.8 8.6#



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: 0.036 ug/L

RT: 11.10 min Scan# 746

Delta R.T. -0.16 min

Lab File: VX019432.D

Acq: 16 Nov 2020 14:02

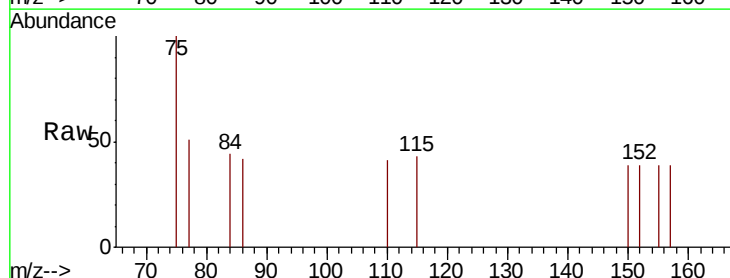
Tgt Ion: 75 Resp: 183

Ion Ratio Lower Upper

75 100

110 0.0 31.4 47.2#

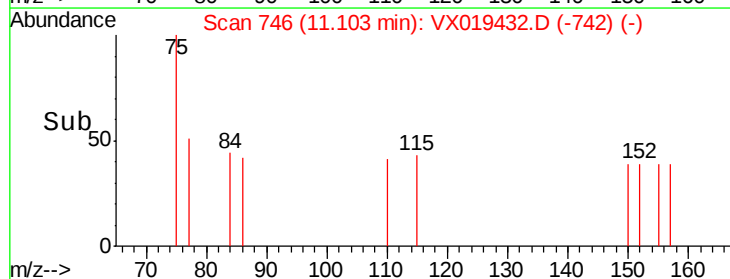
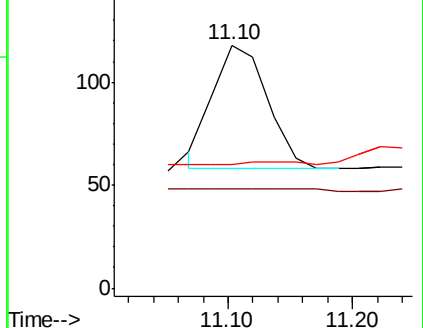
77 14.2 27.1 40.7#

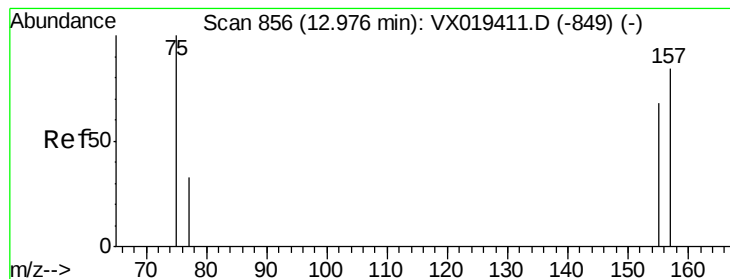


Abundance Ion 75.00 (74.70 to 75.70): VX0

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: 0.020 ug/L

RT: 13.06 min Scan# 860

Delta R.T. 0.08 min

Lab File: VX019432.D

Acq: 16 Nov 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VBLK204

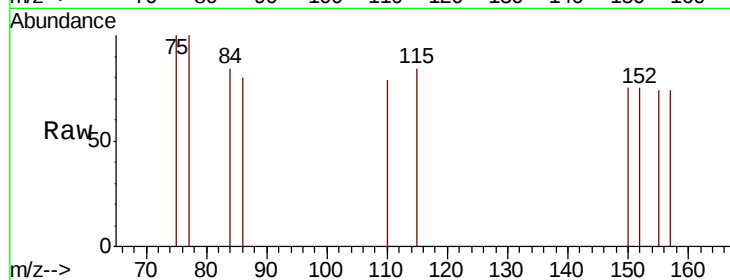
Tot Ion: 75 Resp: 17

Ion Ratio Lower Upper

75 100

157 73.8 66.0 99.0

155 73.8 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

