

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111620\
 Data File : VX019433.D
 Acq On : 16 Nov 2020 14:28
 Operator : JC/MD
 Sample : VX1116WBL05
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VBLK205

Quant Time: Nov 17 05:14:11 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	6.82	114	15419	0.50	ug/L	0.00
5) Chlorobenzene-d5	10.09	117	13099	0.50	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	12.07	152	5713	0.50	ug/L	0.00

System Monitoring Compounds

2) Vinyl Chloride-d3	1.39	65	7901	0.53	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	106.00%
4) 1,2-Dichloroethane-d4	6.03	65	6542	0.42	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	84.00%
7) 1,2-Dichloropropane-d6	7.37	67	6673	0.61	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	=	122.00%
8) Toluene-d8	8.69	98	17247	0.42	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	84.00%
10) 1,1,2,2-Tetrachloroethane-	11.23	84	4390	0.60	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	120.00%

Target Compounds

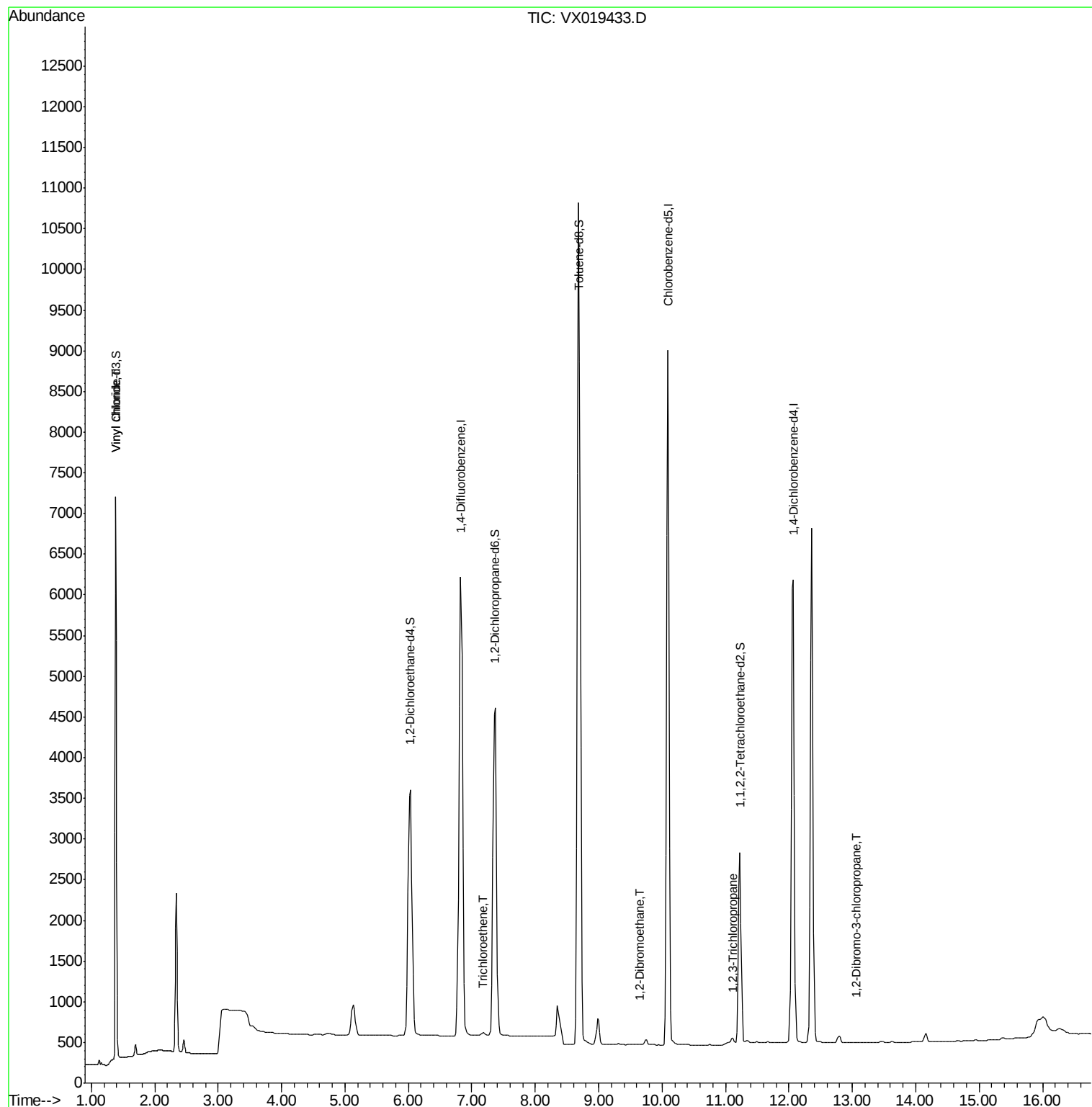
					Qvalue
3) Vinyl chloride	1.39	62	161	0.011	ug/L # 1
6) Trichloroethene	7.18	95	42	0.004	ug/L # 86
9) 1,2-Dibromoethane	9.64	107	14	0.002	ug/L # 83
12) 1,2,3-Trichloropropane	11.11	75	180	0.037	ug/L # 38
13) 1,2-Dibromo-3-chloropropan	13.06	75	19	0.023	ug/L 94

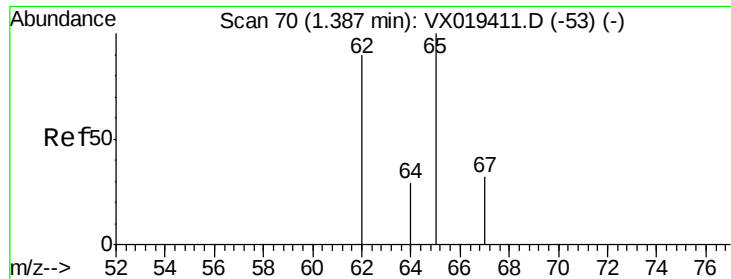
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Vinyl chloride

Concen: 0.011 ug/L

RT: 1.39 min Scan# 70

Delta R.T. 0.00 min

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Acq: 16 Nov 2020 14:28

Instrument :

MSVOA_X

ClientSampleId :

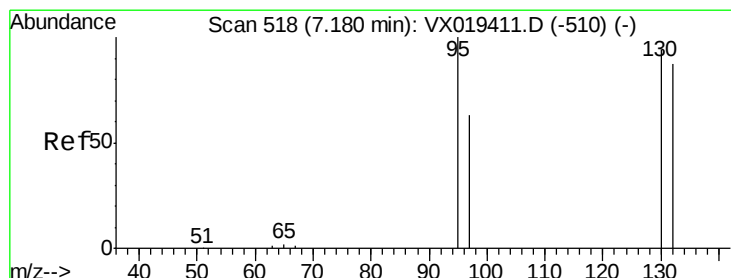
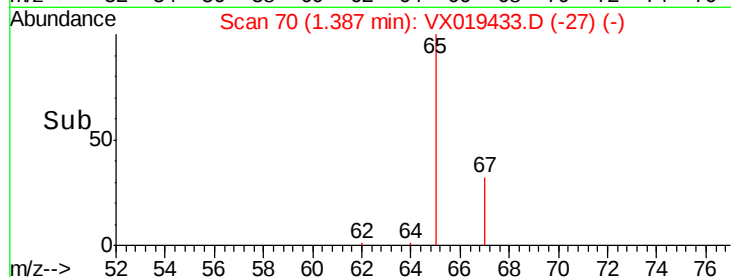
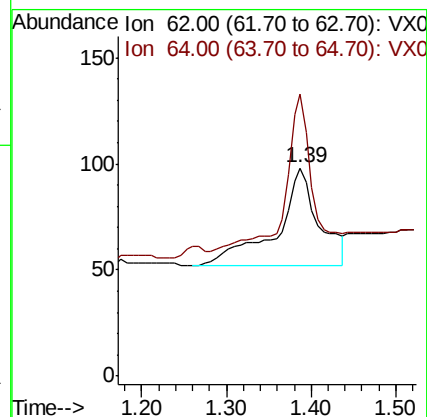
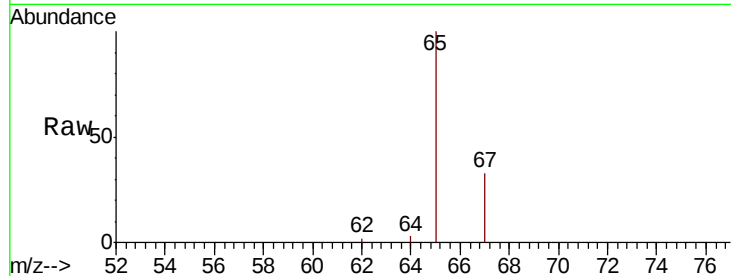
VBLK205

Tot Ion: 62 Resp: 161

Ion Ratio Lower Upper

62 100

64 135.7 23.0 42.6#



#6

Trichloroethene

Concen: 0.004 ug/L

RT: 7.18 min Scan# 518

Delta R.T. 0.00 min

Lab File: VX019433.D

Acq: 16 Nov 2020 14:28

Tgt Ion: 95 Resp: 42

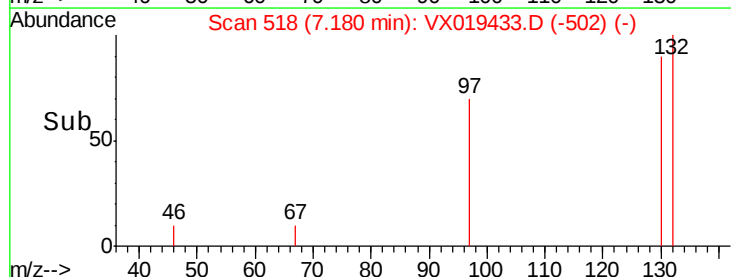
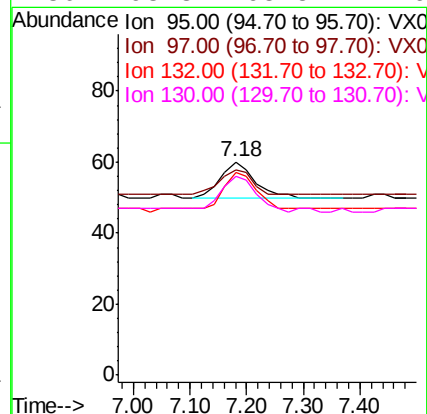
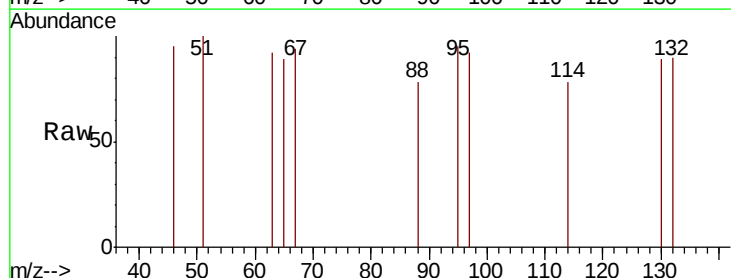
Ion Ratio Lower Upper

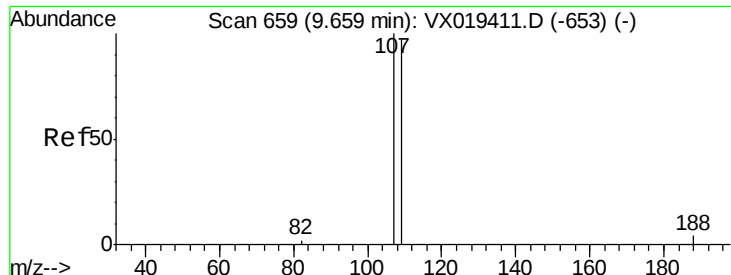
95 100

97 96.7 44.9 83.3#

132 95.0 60.8 113.0

130 93.3 65.5 121.6





#9

1,2-Dibromoethane

Concen: 0.002 ug/L

RT: 9.64 min Scan# 658

Delta R.T. -0.02 min

Lab File: VX019433.D

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ClientSampleId :

VBLK205

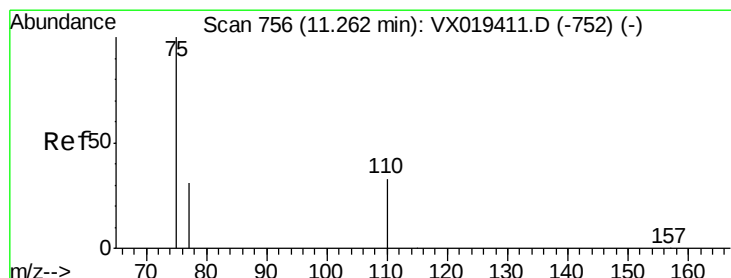
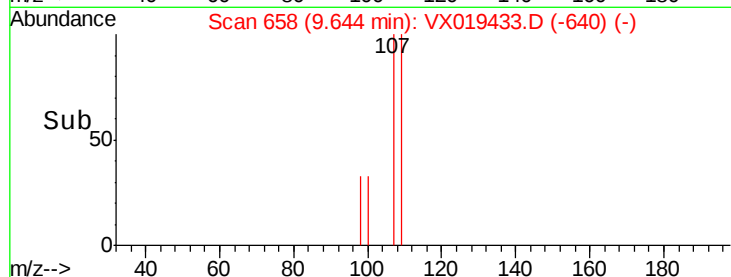
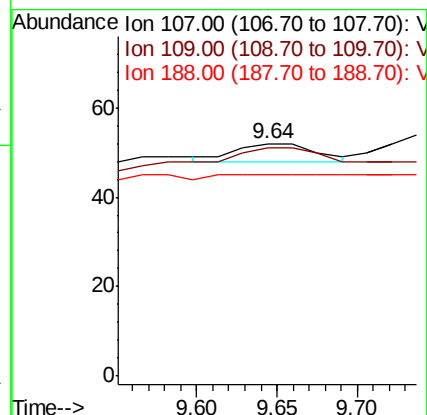
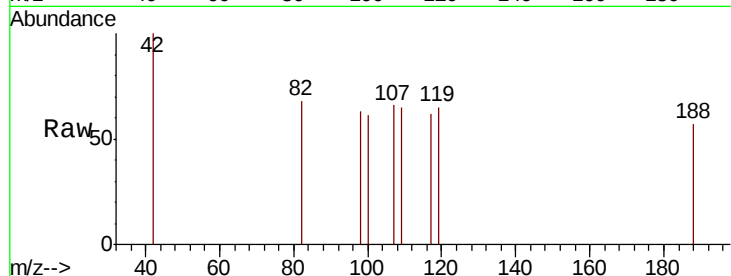
Tot Ion:107 Resp: 14

Ion Ratio Lower Upper

107 100

109 98.1 68.0 126.4

188 86.5 5.8 8.6#



#12

1,2,3-Trichloropropane

Concen: 0.037 ug/L

RT: 11.11 min Scan# 747

Delta R.T. -0.15 min

Lab File: VX019433.D

Acq: 16 Nov 2020 14:28

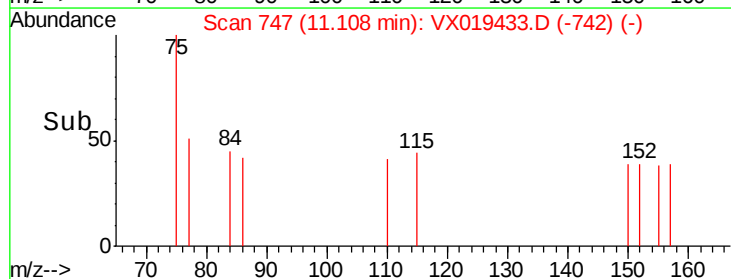
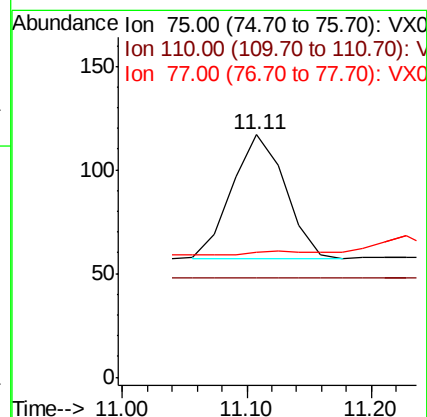
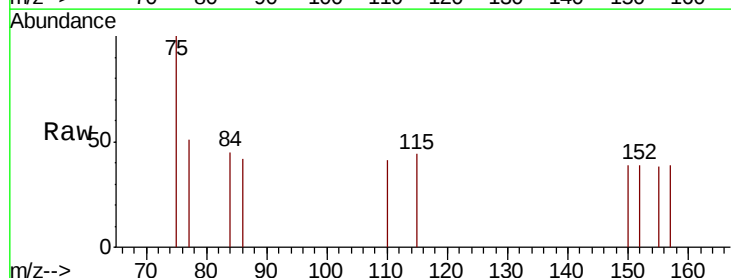
Tgt Ion: 75 Resp: 180

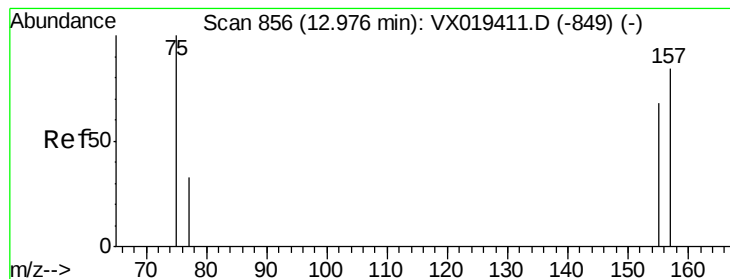
Ion Ratio Lower Upper

75 100

110 0.0 31.4 47.2#

77 0.0 27.1 40.7#





#13

1,2-Dibromo-3-chloropropane

Concen: 0.023 ug/L

RT: 13.06 min Scan# 861

Delta R.T. 0.09 min

Lab File: VX019433.D

Acq: 16 Nov 2020 14:28

Instrument :

MSVOA_X

ClientSampleId :

VBLK205

Tot Ion: 75 Resp: 19

Ion Ratio Lower Upper

75 100

157 75.4 66.0 99.0

155 73.8 56.0 84.0

