

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111620\
 Data File : VX019430.D
 Acq On : 16 Nov 2020 13:02
 Operator : JC/MD
 Sample : VSTDCCC0.5
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD0.5209

Quant Time: Nov 17 05:13:53 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	19556	0.50	ug/L	0.00
5) Chlorobenzene-d5	10.09	117	16589	0.50	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	12.06	152	7786	0.50	ug/L	0.00

System Monitoring Compounds

2) Vinyl Chloride-d3	1.39	65	10216	0.54	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	108.00%
4) 1,2-Dichloroethane-d4	6.01	65	8373	0.42	ug/L	-0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	84.00%
7) 1,2-Dichloropropane-d6	7.35	67	8533	0.62	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	124.00%
8) Toluene-d8	8.68	98	22620	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	5983	0.65	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	130.00%#

Target Compounds

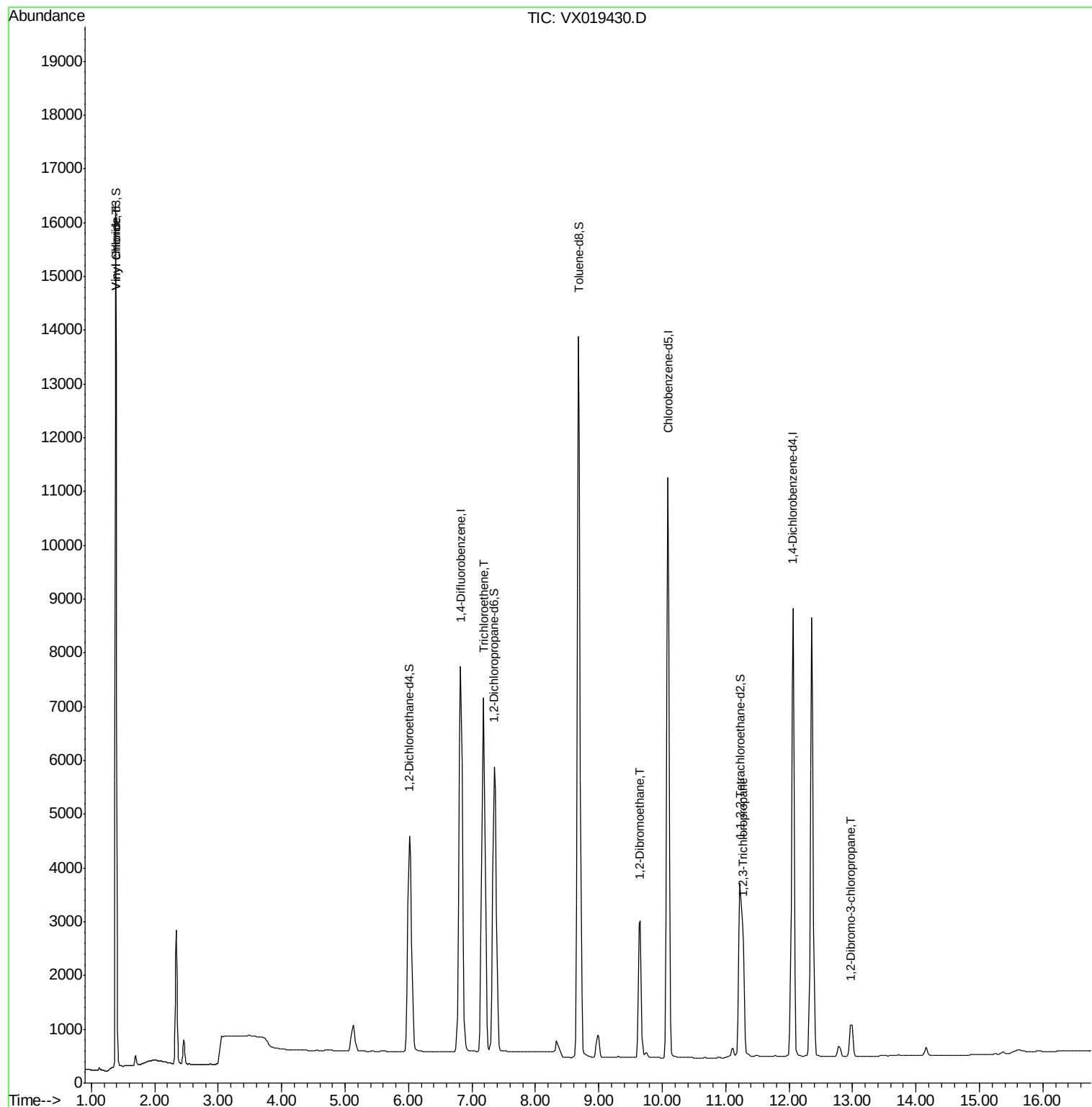
					Qvalue
3) Vinyl chloride	1.39	62	8554	0.475	ug/L 99
6) Trichloroethene	7.18	95	6856	0.545	ug/L 94
9) 1,2-Dibromoethane	9.64	107	4001	0.544	ug/L 93
12) 1,2,3-Trichloropropane	11.27	75	3810	0.578	ug/L 98
13) 1,2-Dibromo-3-chloropropan	12.97	75	656	0.576	ug/L 93

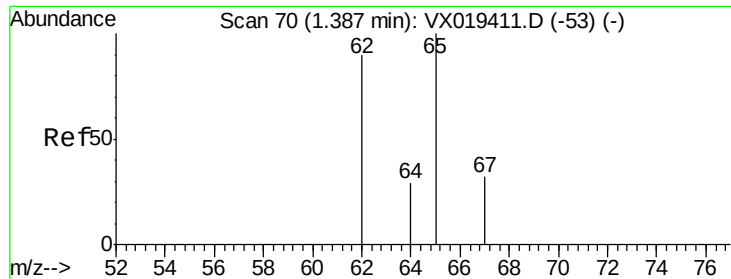
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Vinyl chloride

Concen: 0.475 ug/L

RT: 1.39 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX019430.D

Acq: 16 Nov 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

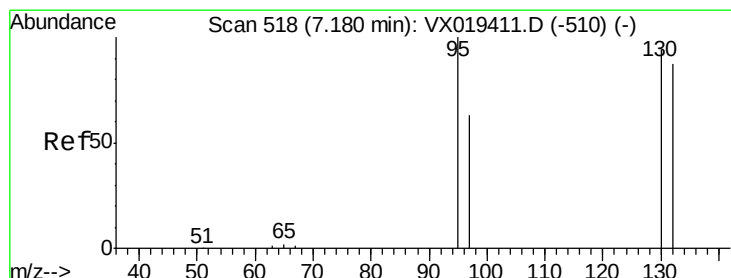
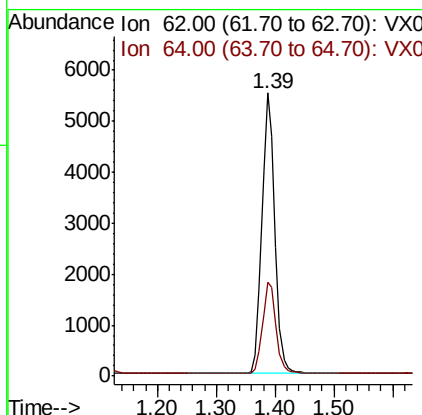
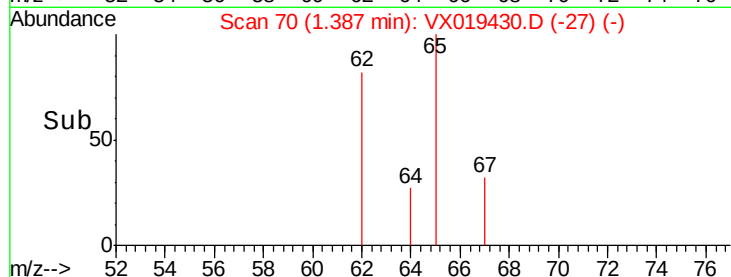
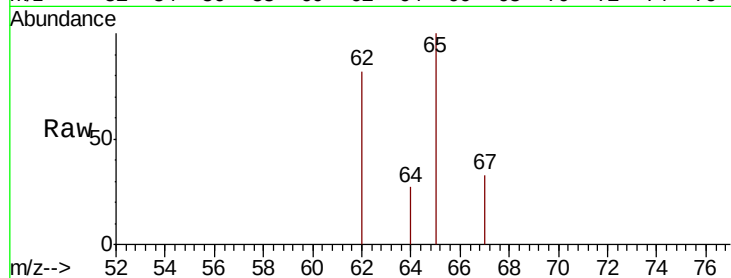
VSTD0.5209

Tot Ion: 62 Resp: 8554

Ion Ratio Lower Upper

62 100

64 33.2 23.0 42.6



#6

Trichloroethene

Concen: 0.545 ug/L

RT: 7.18 min Scan# 518

Delta R.T. 0.00 min

Lab File: VX019430.D

Acq: 16 Nov 2020 13:02

Tgt Ion: 95 Resp: 6856

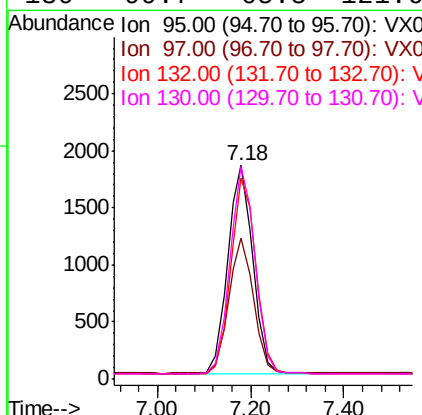
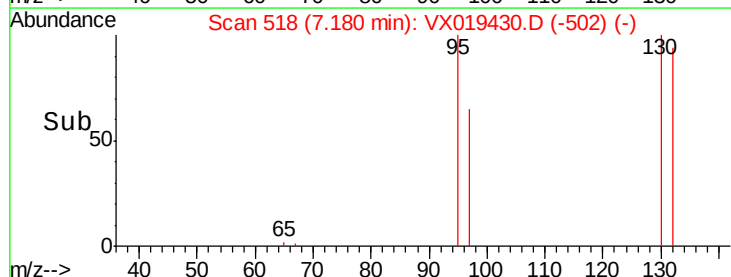
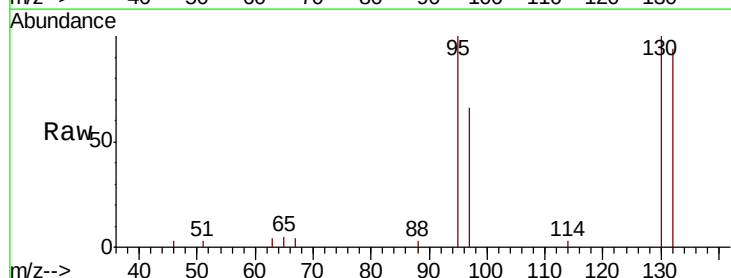
Ion Ratio Lower Upper

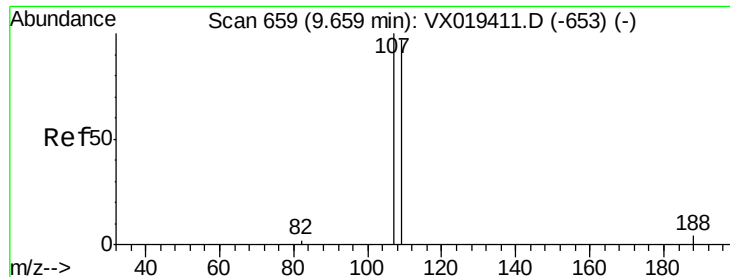
95 100

97 65.9 44.9 83.3

132 93.9 60.8 113.0

130 99.7 65.5 121.6





#9

1,2-Dibromoethane

Concen: 0.544 ug/L

RT: 9.64 min Scan# 658

Delta R.T. -0.02 min

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Acq: 16 Nov 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

VSTD0.5209

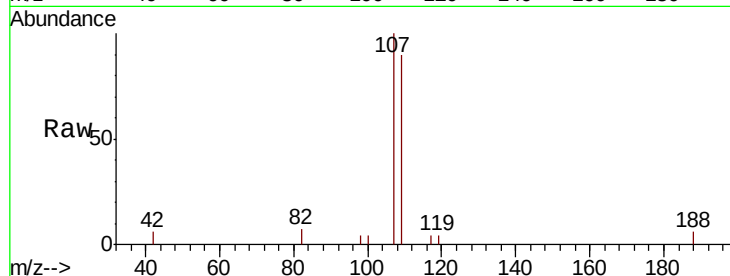
Tot Ion:107 Resp: 4001

Ion Ratio Lower Upper

107 100

109 90.2 68.0 126.4

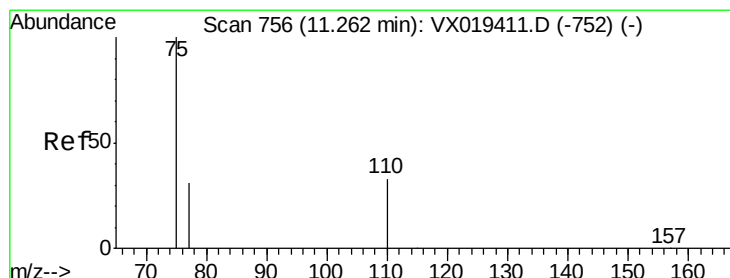
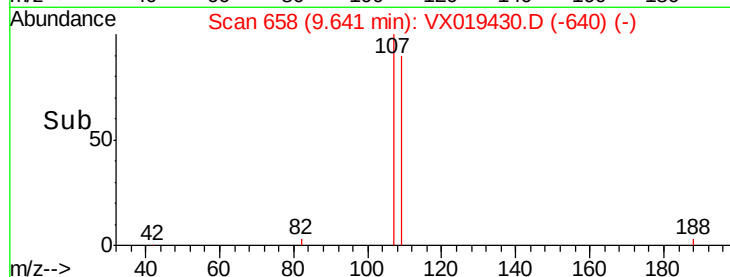
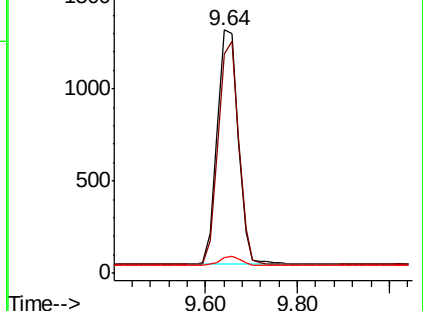
188 6.2 5.8 8.6



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: 0.578 ug/L

RT: 11.27 min Scan# 757

Delta R.T. 0.01 min

Lab File: VX019430.D

Acq: 16 Nov 2020 13:02

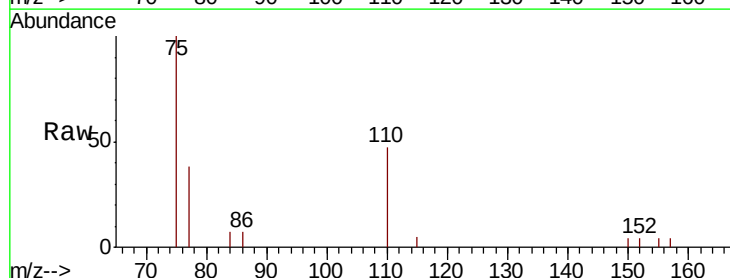
Tgt Ion: 75 Resp: 3810

Ion Ratio Lower Upper

75 100

110 41.5 31.4 47.2

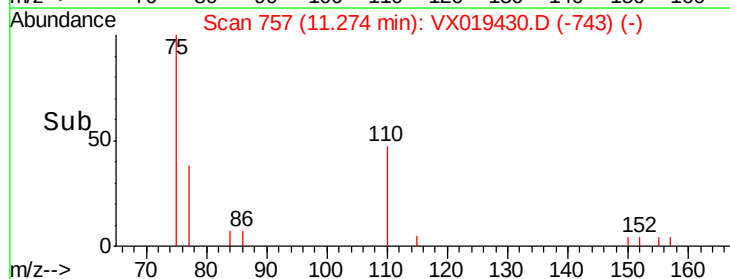
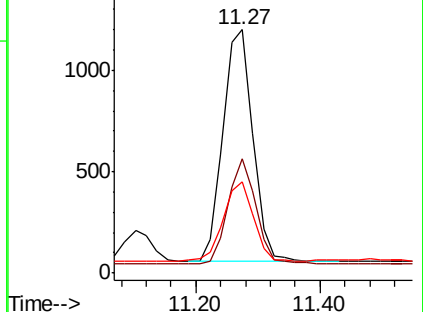
77 33.7 27.1 40.7

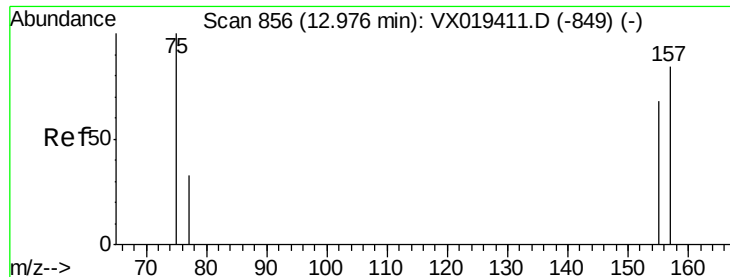


Abundance Ion 75.00 (74.70 to 75.70): VX0

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: 0.576 ug/L

RT: 12.97 min Scan# 856

Delta R.T. -0.00 min

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ClientSampleId :

VSTD0.5209

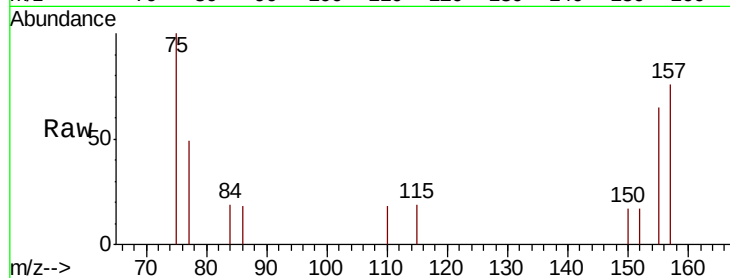
Tot Ion: 75 Resp: 656

Ion Ratio Lower Upper

75 100

157 75.6 66.0 99.0

155 64.6 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

