

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VO081420\
 Data File : VX017893.D
 Acq On : 14 Aug 2020 12:15
 Operator : JC/SP
 Sample : L3643-03DL 5X
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG0A4DL

Quant Time: Aug 17 01:58:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 17 01:26:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	274448	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	265178	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	111975	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	102090	5.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.60%
7) Chloroethane-d5	1.69	69	87341	5.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.00%
11) 1,1-Dichloroethene-d2	2.34	63	153539	3.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.60%
20) 2-Butanone-d5	4.54	46	261334	51.89	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.78%
24) Chloroform-d	5.14	84	205721	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
26) 1,2-Dichloroethane-d4	6.04	65	113042	5.35	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
32) Benzene-d6	6.05	84	388813	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
36) 1,2-Dichloropropane-d6	7.37	67	126864	5.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.80%
41) Toluene-d8	8.70	98	337772	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
45) trans-1,3-Dichloropropene-	8.99	79	50509	5.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.60%
48) 2-Hexanone-d5	9.43	63	218108	53.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.70%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	90636	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.00%
65) 1,2-Dichlorobenzene-d4	12.36	152	133540	6.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	124.00%#

Target Compounds

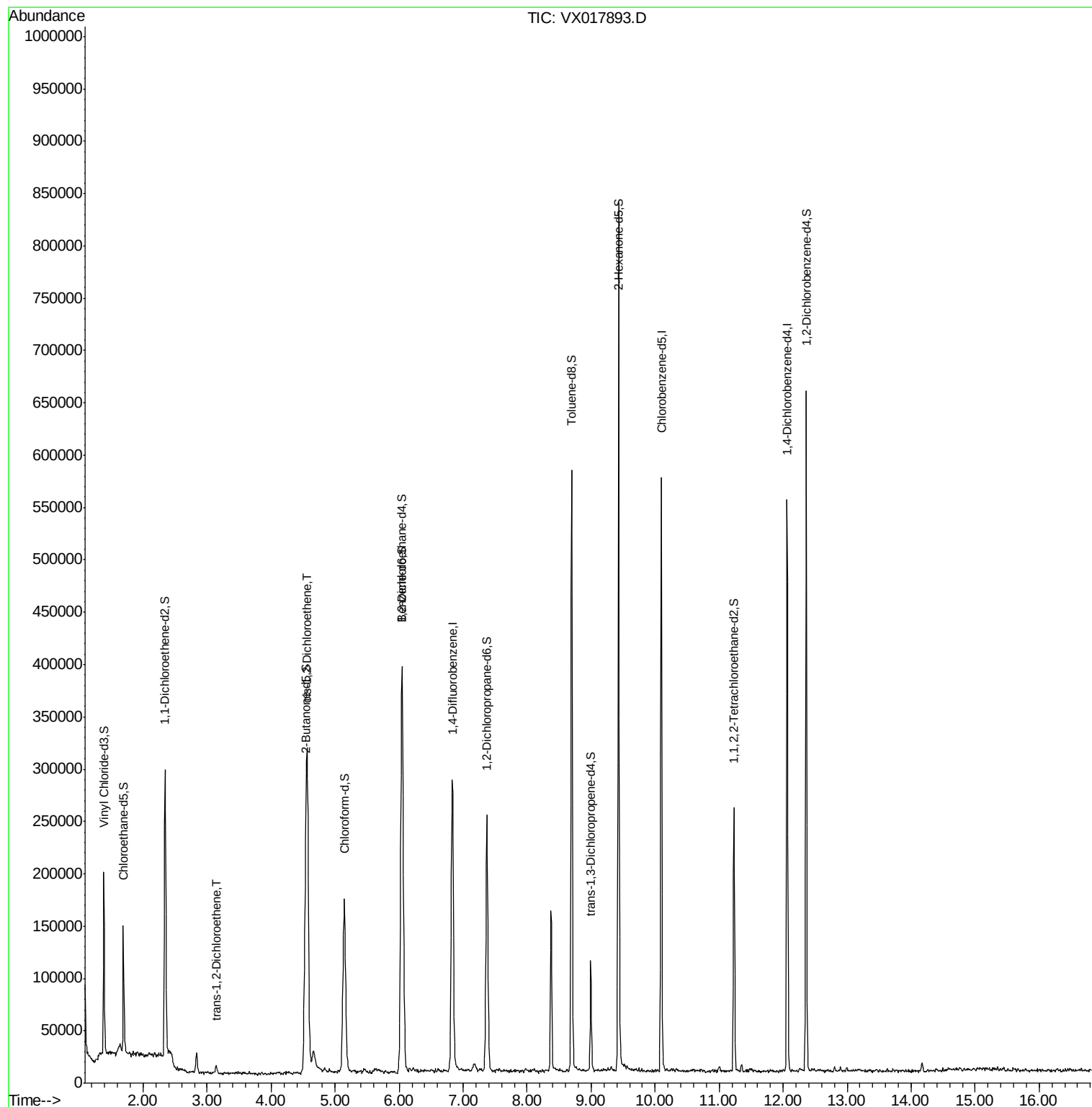
					Ovalue
18) trans-1,2-Dichloroethene	3.14	96	2888	0.121 ug/L	99
22) cis-1,2-Dichloroethene	4.56	96	157117	6.273 ug/L #	99

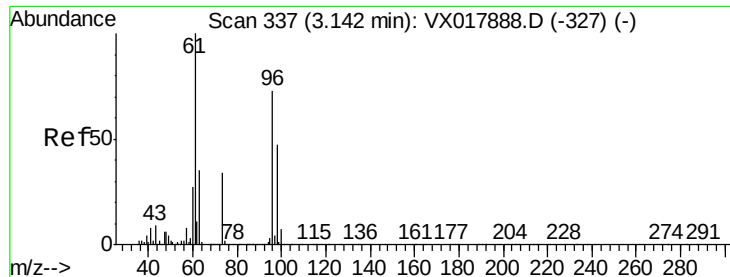
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#18

trans-1,2-Dichloroethene

Concen: 0.121 ug/L

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

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Instrument :

MSVOA_X

ClientSampleId :

BG0A4DL

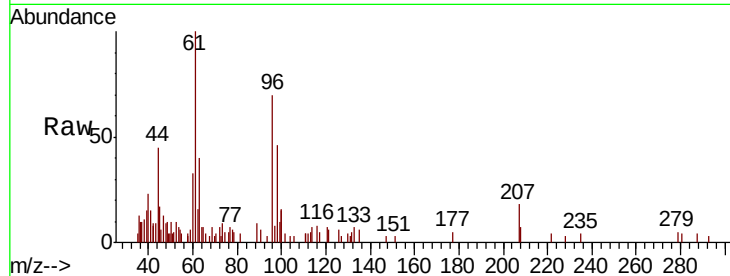
Tot Ion: 96 Resp: 2888

Ion Ratio Lower Upper

96 100

61 141.9 98.4 182.8

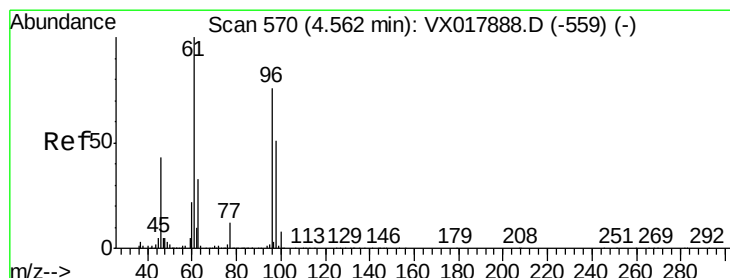
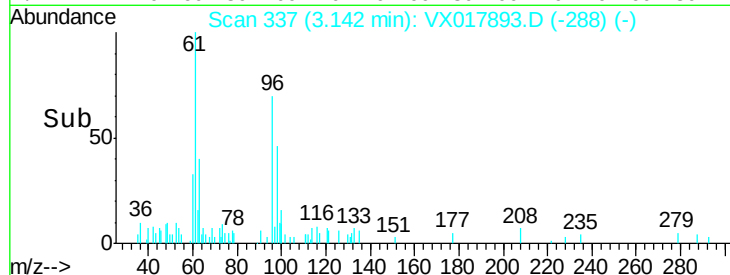
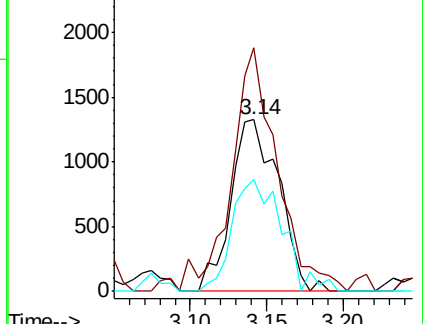
98 64.9 44.9 83.5



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 97.95 (97.65 to 98.65): VX0



#22

cis-1,2-Dichloroethene

Concen: 6.273 ug/L

RT: 4.56 min Scan# 570

Delta R.T. 0.00 min

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Acq: 14 Aug 2020 12:15

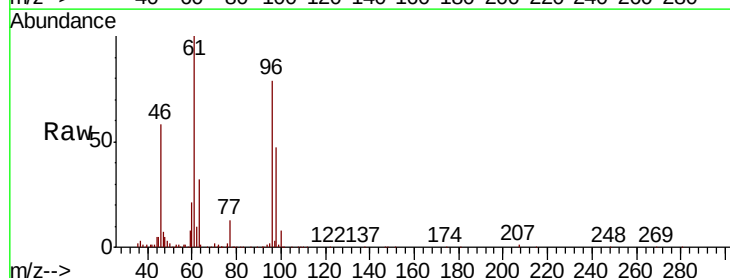
Tgt Ion: 96 Resp: 157117

Ion Ratio Lower Upper

96 100

61 125.9 88.8 165.0

68 0.2 0.2 0.4#



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 68.15 (67.85 to 68.85): VX0

