

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VO092920\
 Data File : VX018692.D
 Acq On : 30 Sep 2020 12:09
 Operator : JC/SP
 Sample : L4143-20
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG0G8

Quant Time: Oct 01 01:51:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 01 01:06:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	212947	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	206863	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	93760	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	41879	3.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.20%
7) Chloroethane-d5	1.70	69	40231	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.60%
11) 1,1-Dichloroethene-d2	2.34	63	79886	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	4.55	46	151861	53.44	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.88%
24) Chloroform-d	5.14	84	120537	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	6.03	65	70137	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
32) Benzene-d6	6.05	84	207690	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
36) 1,2-Dichloropropane-d6	7.37	67	67771	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	8.70	98	183378	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.20%
45) trans-1,3-Dichloropropene-	8.99	79	27776	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
48) 2-Hexanone-d5	9.43	63	111744	48.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.44%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	54614	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
65) 1,2-Dichlorobenzene-d4	12.36	152	73431	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

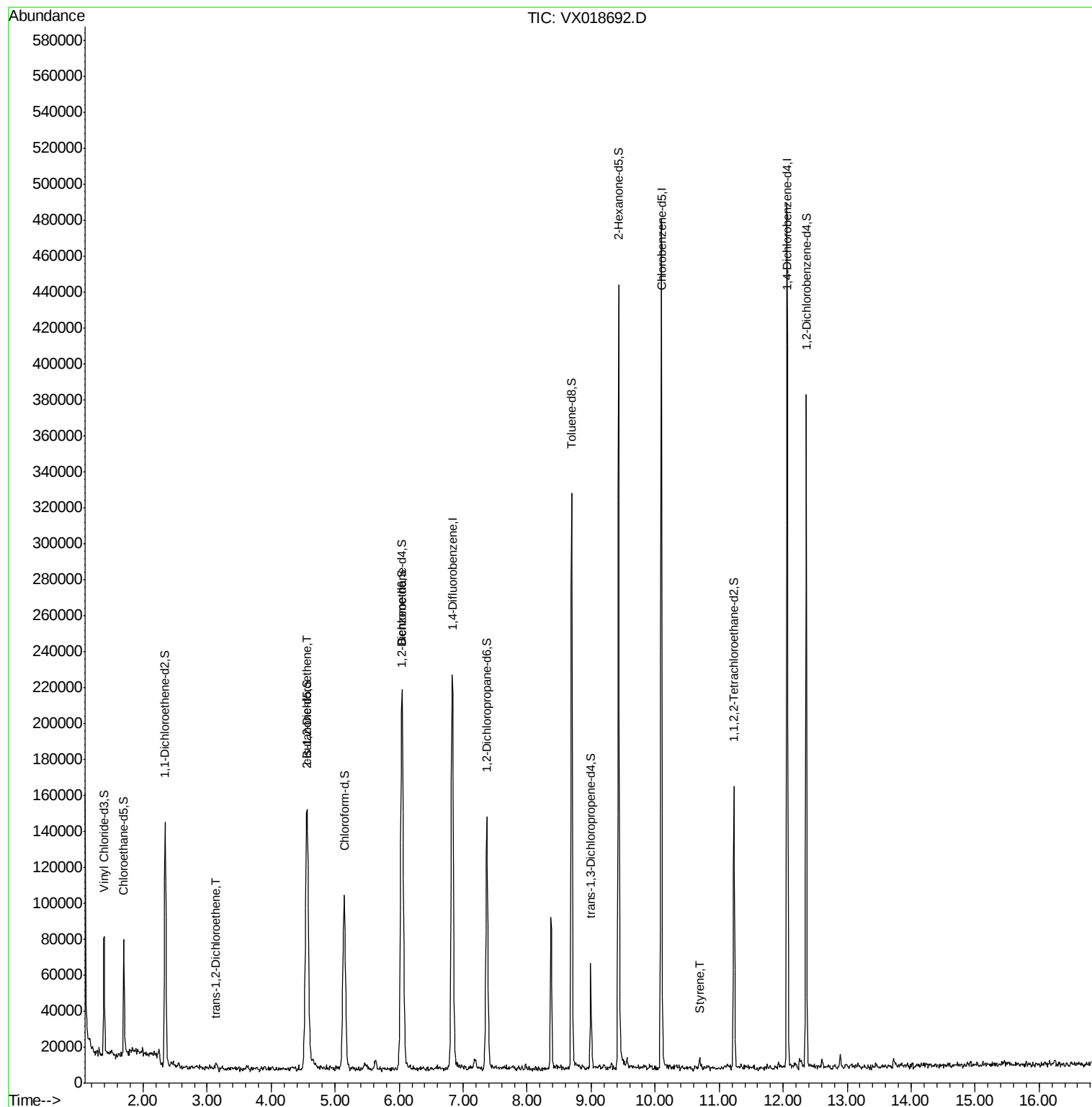
					Ovalue
18) trans-1,2-Dichloroethene	3.14	96	984	0.095 ug/L	75
22) cis-1,2-Dichloroethene	4.56	96	53327	4.918 ug/L #	99
57) Styrene	10.70	104	2191	0.078 ug/L	82

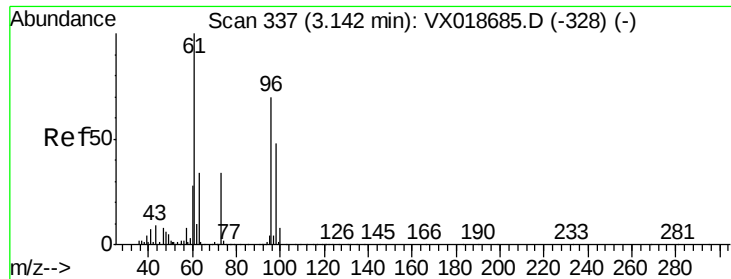
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#18

trans-1,2-Dichloroethene

Concen: 0.095 ug/L

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

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Instrument :

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ClientSampleId :

BG0G8

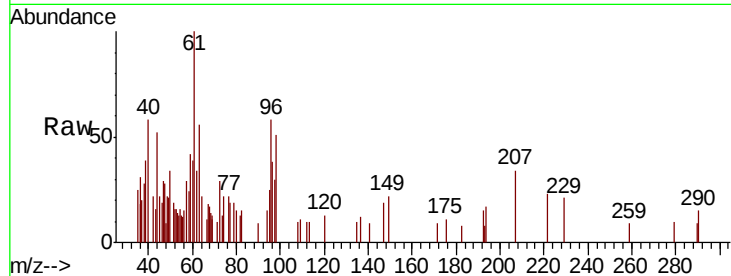
Tot Ion: 96 Resp: 984

Ion Ratio Lower Upper

96 100

61 103.5 97.3 180.7

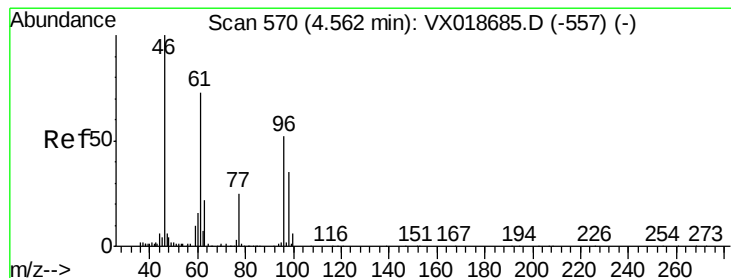
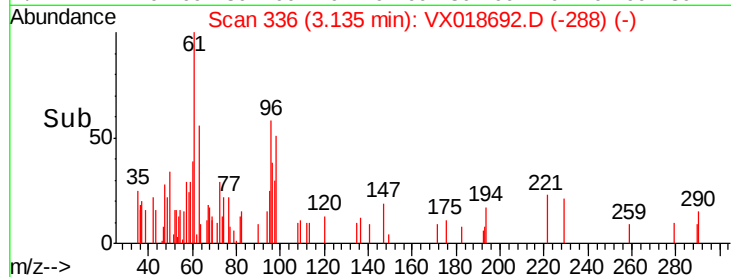
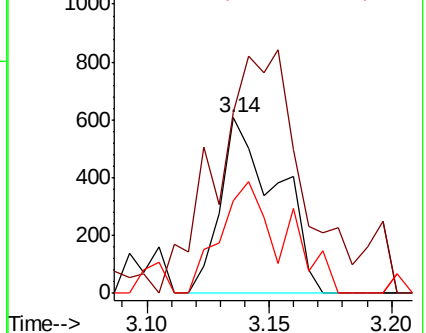
98 52.6 46.6 86.6



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: 4.918 ug/L

RT: 4.56 min Scan# 570

Delta R.T. -0.00 min

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Acq: 30 Sep 2020 12:09

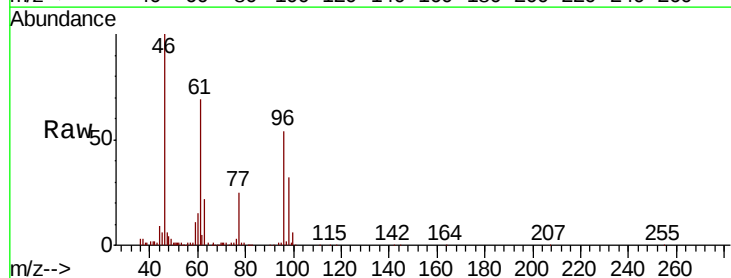
Tgt Ion: 96 Resp: 53327

Ion Ratio Lower Upper

96 100

61 127.0 87.7 162.9

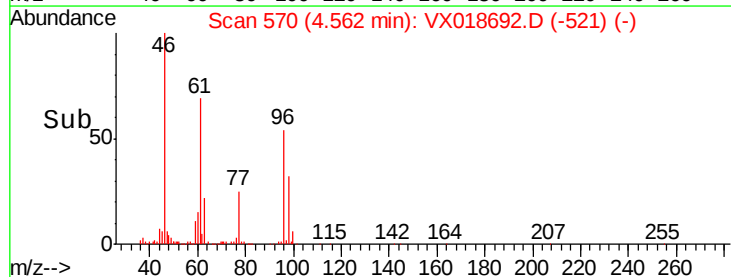
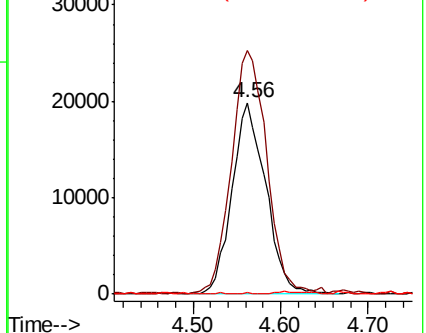
68 0.9 0.3 0.7#

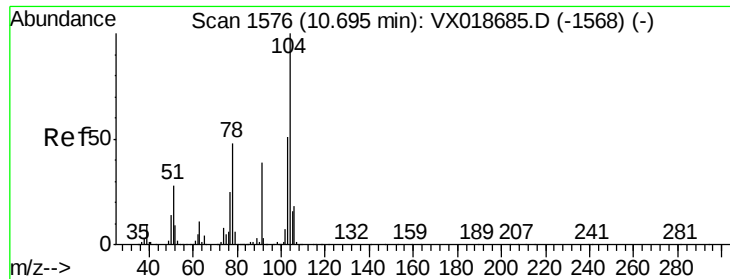


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 68.15 (67.85 to 68.85): VX0





#57

Stvrene

Concen: 0.078 ug/L

RT: 10.70 min Scan# 1577

Delta R.T. 0.01 min

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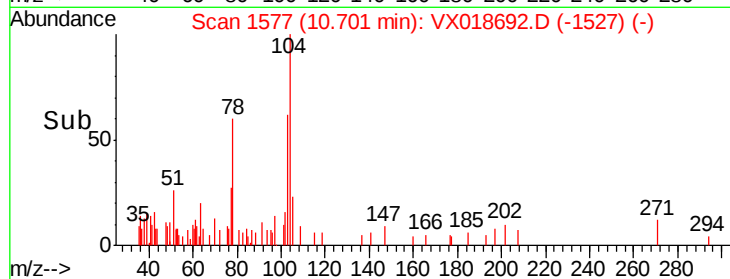
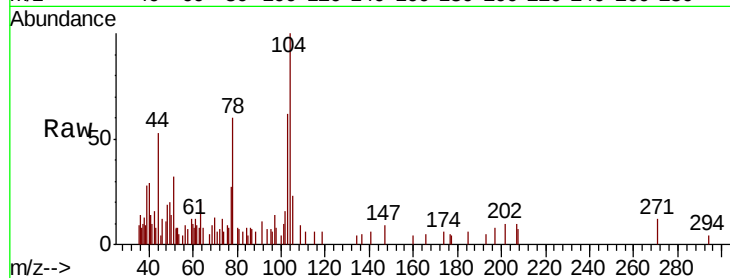
BG0G8

Tot Ion:104 Resp: 2191

Ion Ratio Lower Upper

104 100

78 59.8 33.3 61.9



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VX0

