

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111820\
 Data File : VW017340.D
 Acq On : 18 Nov 2020 20:15
 Operator : SY/VA
 Sample : L4738-05
 Misc : 5.44G/10ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB0X2

Quant Time: Nov 19 05:51:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 19 05:03:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	411555	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	352945	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	127388	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	126361	20.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.96%
7) Chloroethane-d5	2.89	69	103468	21.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.52%
10) 1,1-Dichloroethene-d2	4.02	63	163909	15.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.52%
20) 2-Butanone-d5	7.08	46	50876	50.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.68%
24) Chloroform-d	7.65	84	229443	21.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.88%
26) 1,2-Dichloroethane-d4	8.31	65	121919	23.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.36%
29) Benzene-d6	8.28	84	454156	22.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.32%
33) 1,2-Dichloropropane-d6	9.27	67	127182	23.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.96%
37) Toluene-d8	10.33	98	409103	21.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.36%
38) trans-1,3-Dichloropropene-	10.58	79	52311	22.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.68%
39) 2-Hexanone-d5	10.93	63	39430	55.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	92183	22.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	97912	20.82	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.28%

Target Compounds

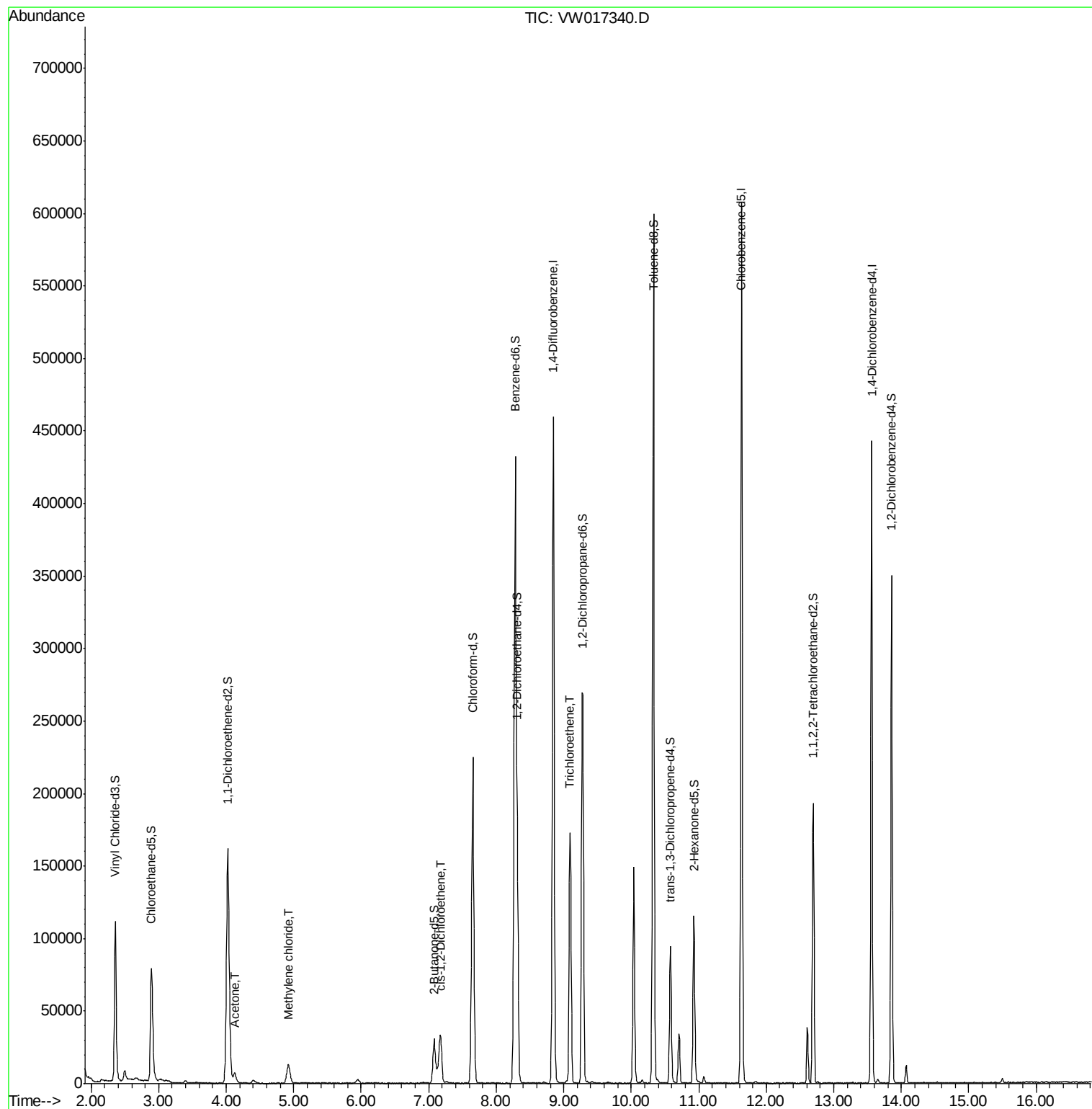
					Ovalue
13) Acetone	4.13	43	11635	15.937	ug/L 95
16) Methylene chloride	4.92	84	11986	1.703	ug/L 97
22) cis-1,2-Dichloroethene	7.17	96	19663	3.340	ug/L 93
35) Trichloroethene	9.09	95	60722	10.766	ug/L 99

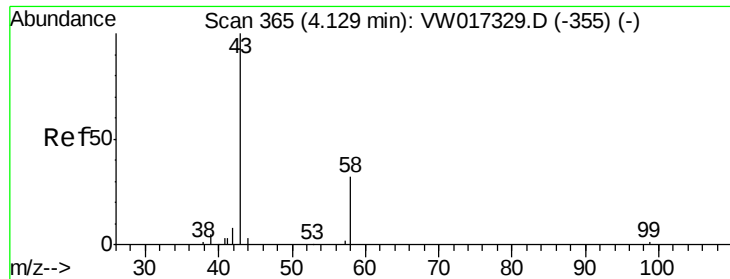
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 15.937 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

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Acq: 18 Nov 2020 20:15

Instrument :

MSVOA_W

ClientSampleId :

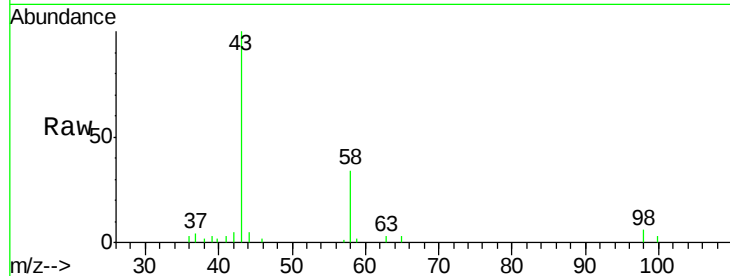
GB0X2

Tot Ion: 43 Resp: 11635

Ion Ratio Lower Upper

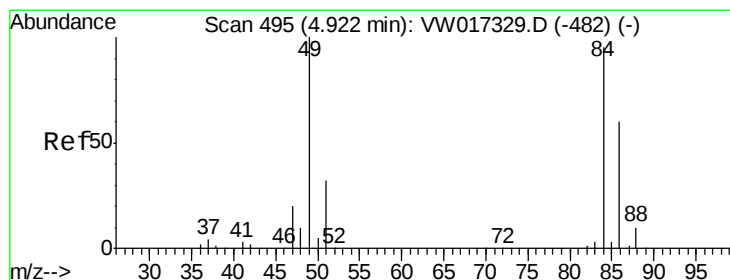
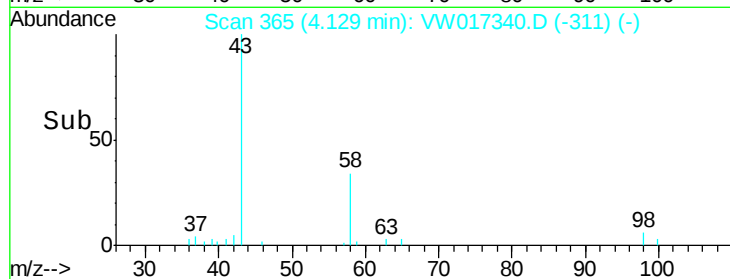
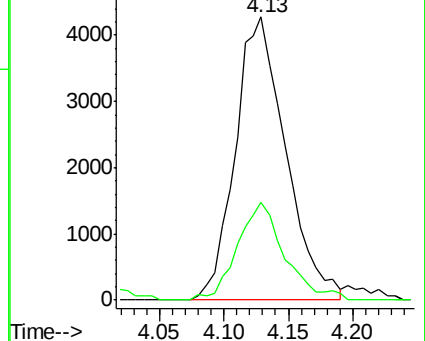
43 100

58 30.6 0.0 67.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.703 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

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Acq: 18 Nov 2020 20:15

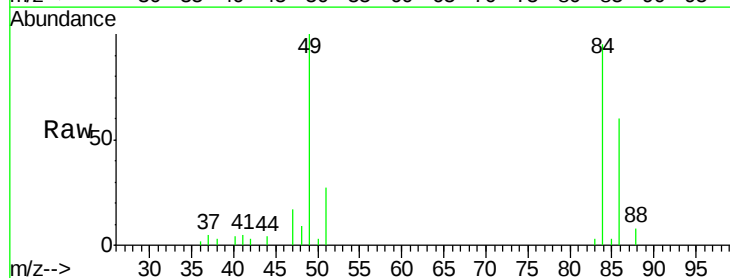
Tgt Ion: 84 Resp: 11986

Ion Ratio Lower Upper

84 100

49 105.1 71.5 132.9

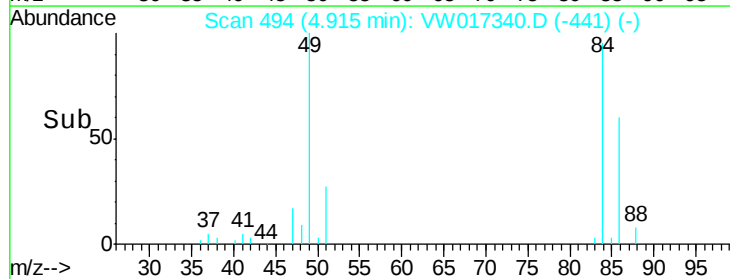
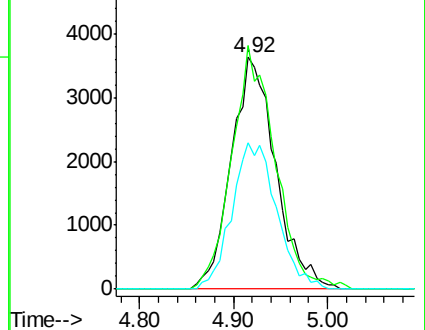
86 63.1 42.8 79.4

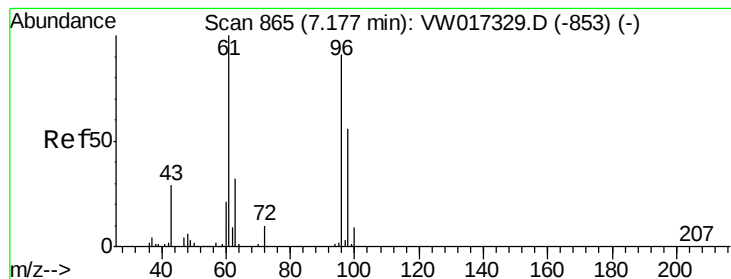


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#22

cis-1,2-Dichloroethene

Concen: 3.340 ug/L

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

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GB0X2

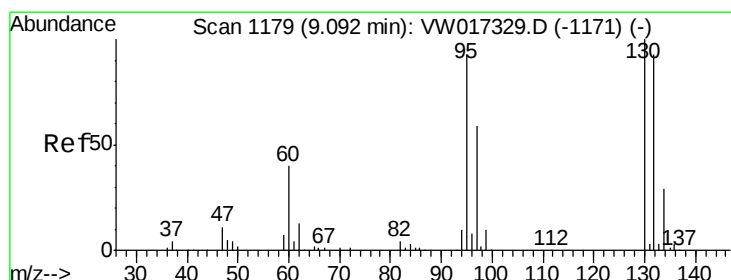
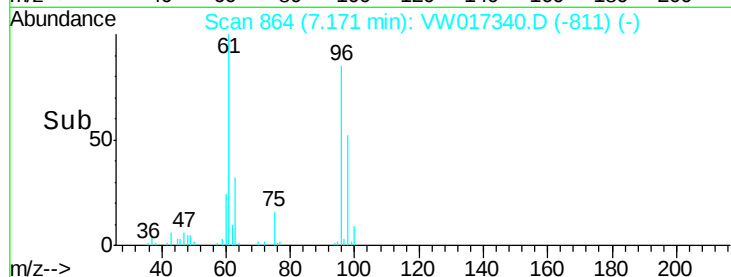
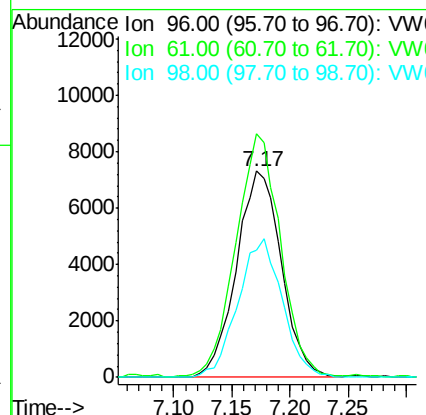
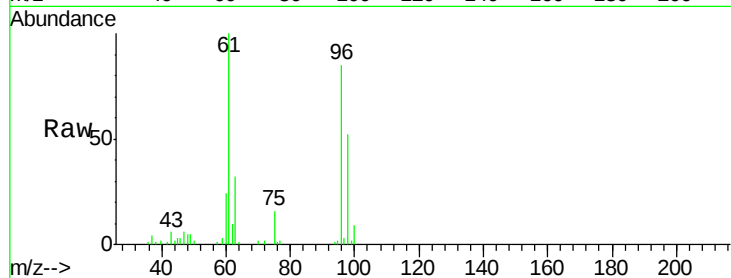
Tot Ion: 96 Resp: 19663

Ion Ratio Lower Upper

96 100

61 118.1 76.1 141.3

98 61.6 44.7 82.9



#35

Trichloroethene

Concen: 10.766 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW017340.D

Acq: 18 Nov 2020 20:15

Tgt Ion: 95 Resp: 60722

Ion Ratio Lower Upper

95 100

97 66.0 44.7 82.9

132 104.4 72.7 134.9

130 109.3 76.1 141.3

