

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082420\
 Data File : VW016343.D
 Acq On : 24 Aug 2020 20:15
 Operator : SY/VA
 Sample : L3789-05
 Misc : 6.25G/10ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSLO

Quant Time: Aug 25 06:42:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 25 05:29:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	291674	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	261554	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	103726	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	50035	16.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.28%
7) Chloroethane-d5	2.89	69	43252	18.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.20%
10) 1,1-Dichloroethene-d2	4.01	63	92833	12.55	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.20%
20) 2-Butanone-d5	7.08	46	34872	39.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.74%
24) Chloroform-d	7.65	84	162120	21.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.28%
26) 1,2-Dichloroethane-d4	8.31	65	83513	21.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.24%
29) Benzene-d6	8.27	84	294409	20.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.64%
33) 1,2-Dichloropropane-d6	9.27	67	90217	22.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.32%
37) Toluene-d8	10.32	98	255022	18.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.04%
38) trans-1,3-Dichloropropene-	10.58	79	36741	18.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.36%
39) 2-Hexanone-d5	10.93	63	30449	47.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.08%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	75361	22.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	87315	21.95	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.80%

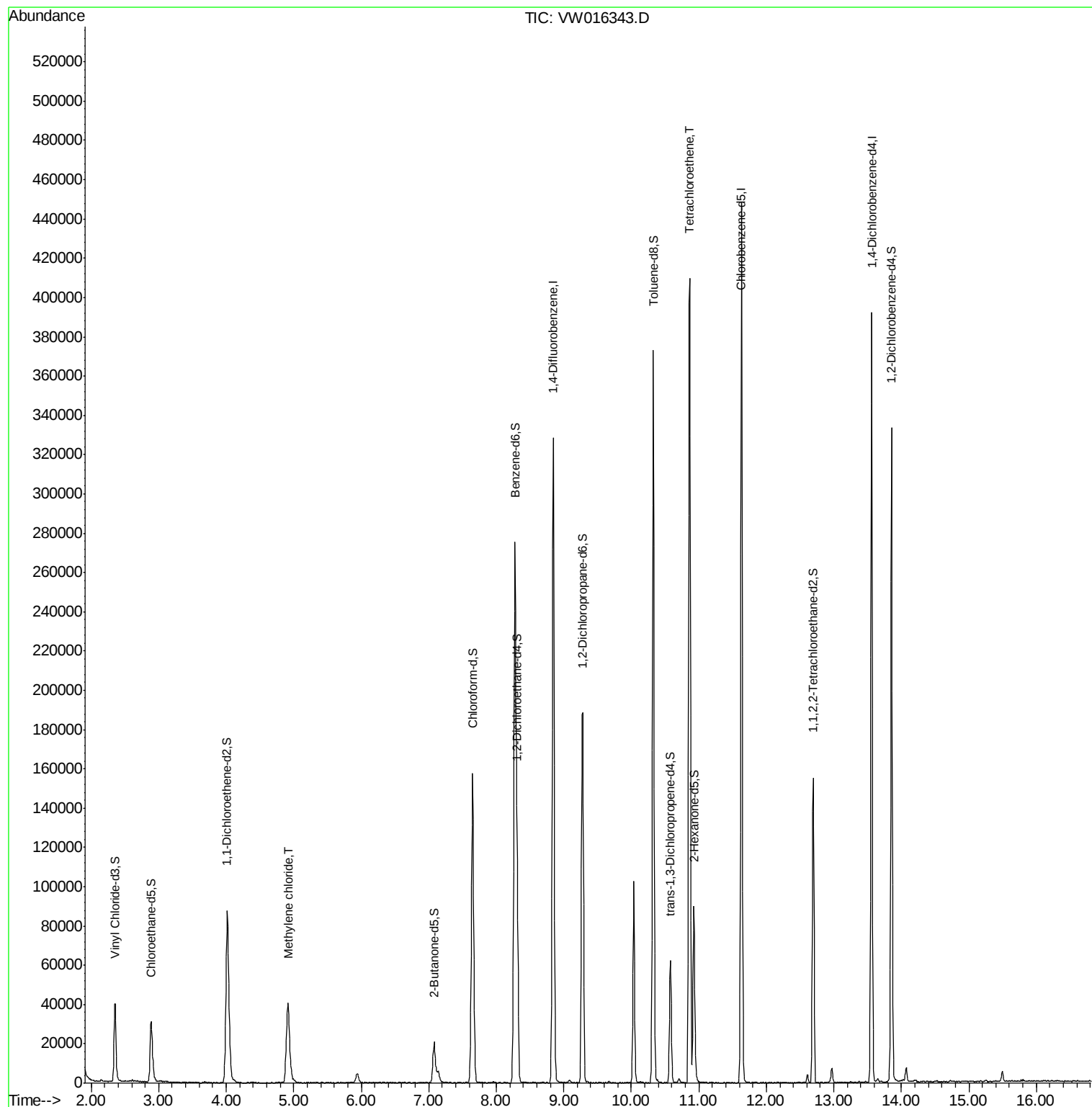
Target Compounds					Ovalue
16) Methylene chloride	4.92	84	37463	6.948 ug/L	98
47) Tetrachloroethene	10.87	164	96753	28.884 ug/L	94

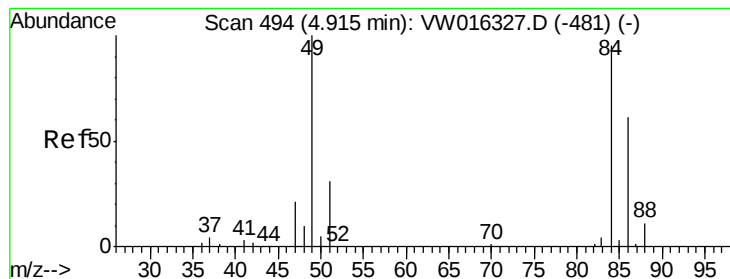
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methvlene chloride

Concen: 6.948 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

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MSVOA_W

ClientSampleId :

BFSL0

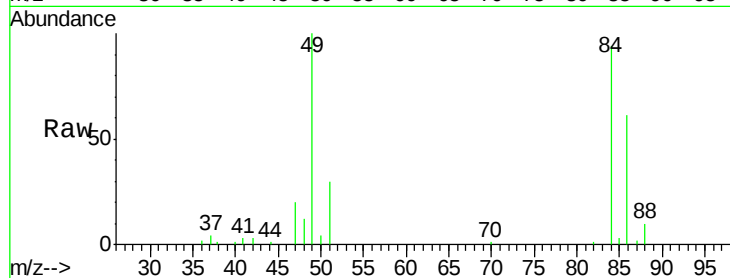
Tot Ion: 84 Resp: 37463

Ion Ratio Lower Upper

84 100

49 106.0 75.3 139.9

86 64.2 43.3 80.3

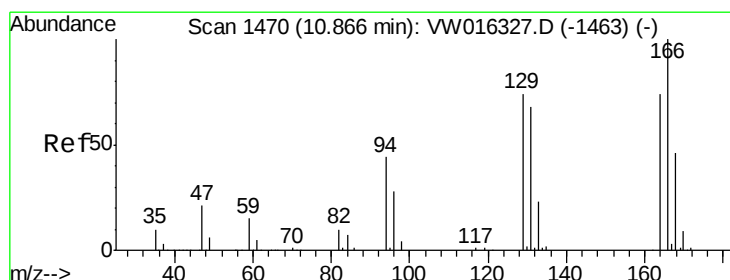
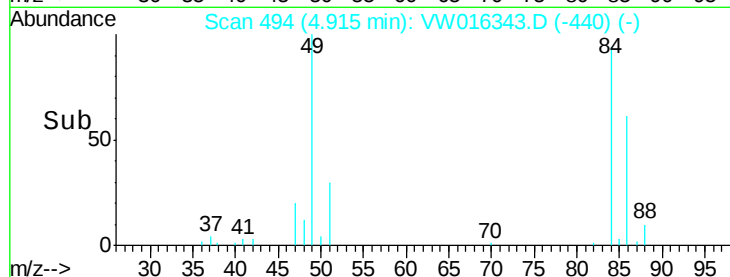
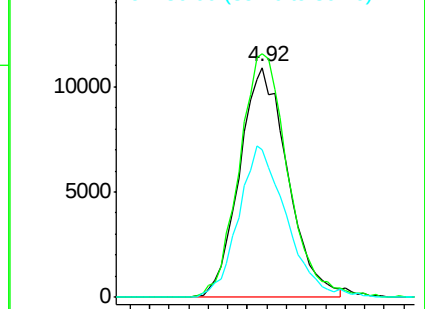


Abundance

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



#47

Tetrachloroethene

Concen: 28.884 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

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Tgt Ion: 164 Resp: 96753

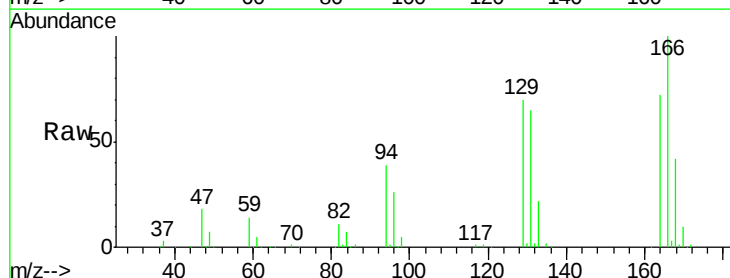
Ion Ratio Lower Upper

164 100

129 96.9 71.5 132.7

131 89.9 67.4 125.2

166 138.7 92.5 171.9



Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

