

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082620\
 Data File : VW016369.D
 Acq On : 26 Aug 2020 15:59
 Operator : SY/VA
 Sample : L3807-14
 Misc : 7.52G/10ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSS1

Quant Time: Aug 27 04:10:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 27 02:40:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	266530	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	238477	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	92254	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	46167	16.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.88%
7) Chloroethane-d5	2.89	69	41807	19.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.40%
10) 1,1-Dichloroethene-d2	4.02	63	93159	13.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.12%
20) 2-Butanone-d5	7.08	46	35132	43.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.82%
24) Chloroform-d	7.65	84	155392	22.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.44%
26) 1,2-Dichloroethane-d4	8.31	65	82353	23.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.00%
29) Benzene-d6	8.27	84	286481	21.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.08%
33) 1,2-Dichloropropane-d6	9.27	67	84094	22.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.32%
37) Toluene-d8	10.33	98	259927	20.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.76%
38) trans-1,3-Dichloropropene-	10.58	79	35493	19.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.84%
39) 2-Hexanone-d5	10.93	63	28719	48.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	72102	23.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	81550	23.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.20%

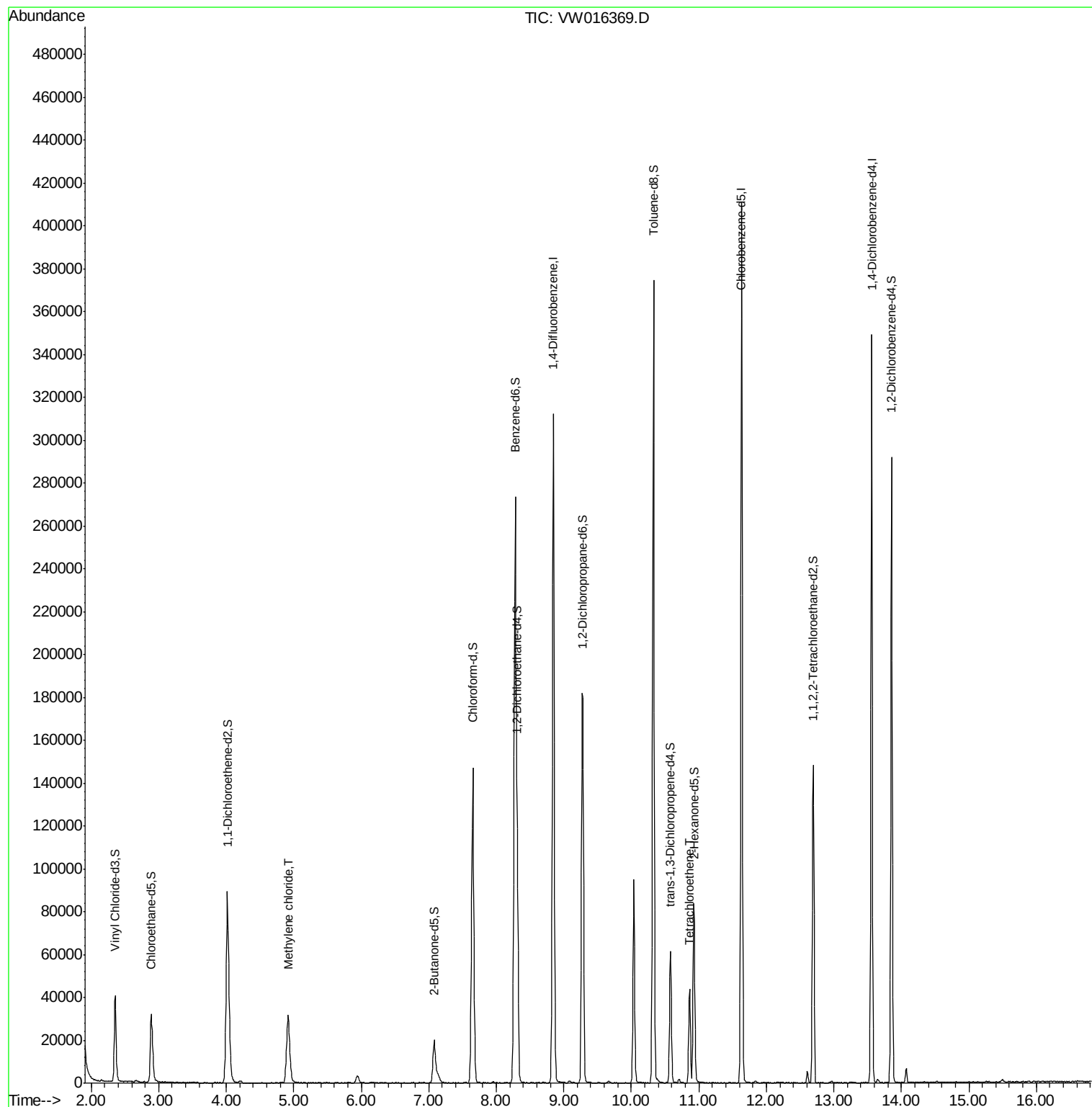
Target Compounds					Ovalue
16) Methylene chloride	4.92	84	27910	5.665 ug/L	95
47) Tetrachloroethene	10.87	164	9798	3.208 ug/L	89

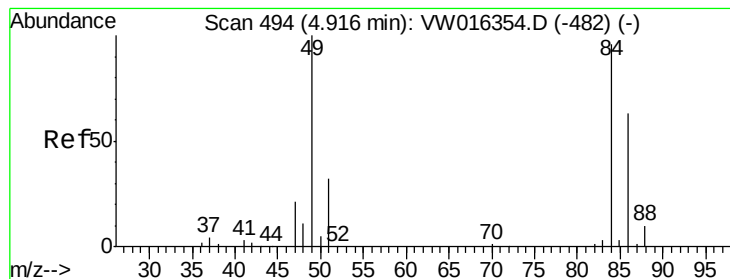
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 5.665 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

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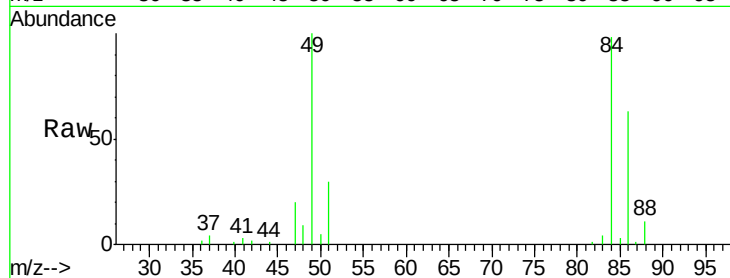
Tot Ion: 84 Resp: 27910

Ion Ratio Lower Upper

84 100

49 101.9 75.3 139.9

86 64.1 43.3 80.3

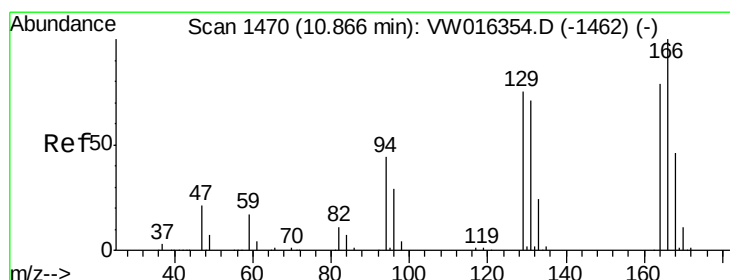
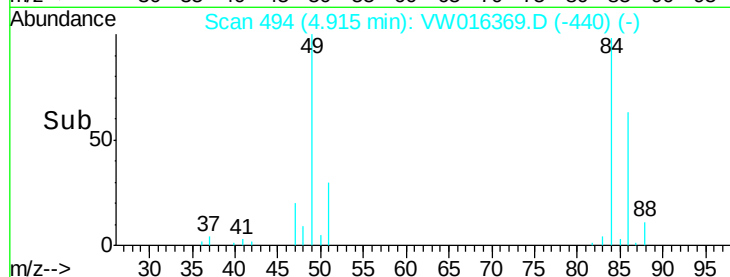
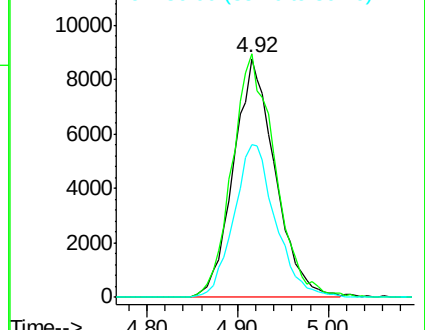


Abundance

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: 3.208 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

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Tgt Ion: 164 Resp: 9798

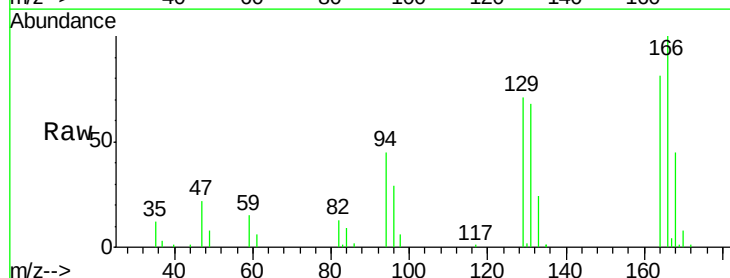
Ion Ratio Lower Upper

164 100

129 88.3 71.5 132.7

131 84.2 67.4 125.2

166 124.2 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

