

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081720\
 Data File : VW016218.D
 Acq On : 17 Aug 2020 15:12
 Operator : SY/VA
 Sample : L3702-11
 Misc : 6.77G/10ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSP6

Quant Time: Aug 18 04:12:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 18 03:20:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	420305	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	403143	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	176644	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	88068	16.90	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.60%
7) Chloroethane-d5	2.90	69	69016	17.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.80%
10) 1,1-Dichloroethene-d2	4.01	63	149661	13.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.08%
20) 2-Butanone-d5	7.09	46	50747	37.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.02%
24) Chloroform-d	7.65	84	214961	19.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.24%
26) 1,2-Dichloroethane-d4	8.31	65	109788	18.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.32%
29) Benzene-d6	8.27	84	422390	19.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.04%
33) 1,2-Dichloropropane-d6	9.28	67	126929	19.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.72%
37) Toluene-d8	10.33	98	387372	19.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.04%
38) trans-1,3-Dichloropropene-	10.58	79	51471	17.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.04%
39) 2-Hexanone-d5	10.93	63	42140	37.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	105993	20.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	139001	22.20	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.80%

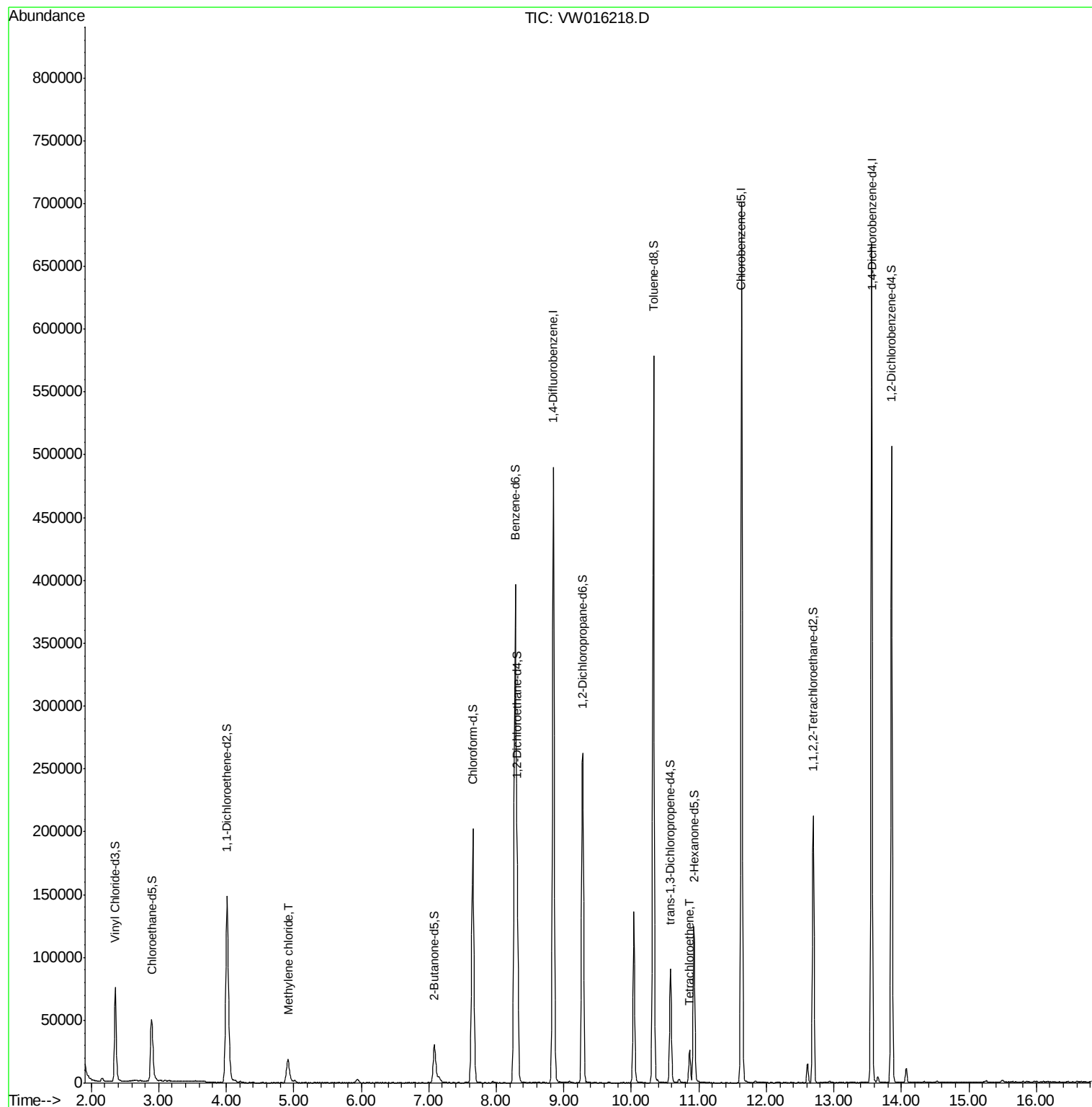
Target Compounds					Ovalue
16) Methylene chloride	4.92	84	15654	2.359 ug/L	89
47) Tetrachloroethene	10.87	164	5547	1.184 ug/L	93

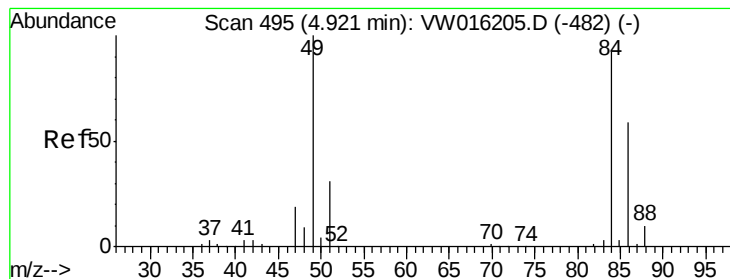
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methvlene chloride

Concen: 2.359 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

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MSVOA_W

ClientSampleId :

BFSP6

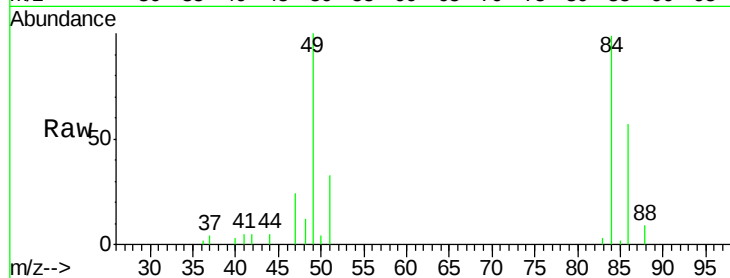
Tot Ion: 84 Resp: 15654

Ion Ratio Lower Upper

84 100

49 100.8 80.4 149.4

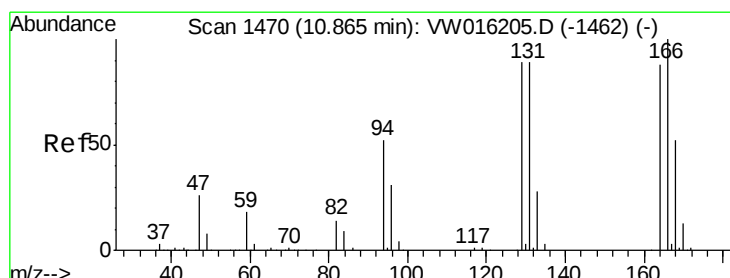
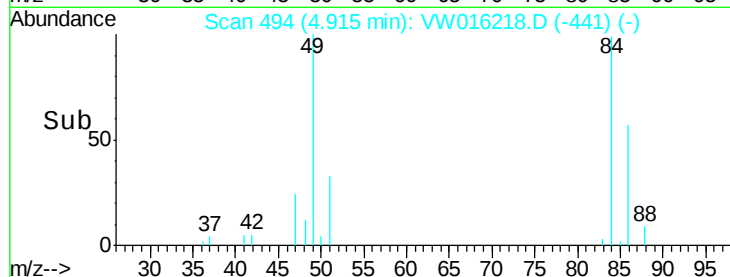
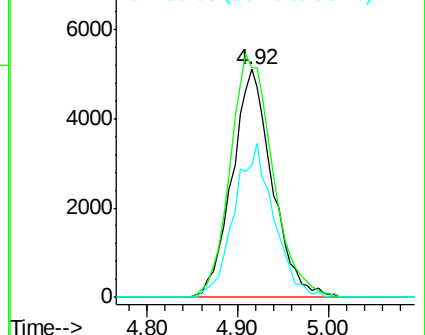
86 57.8 43.8 81.3



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: 1.184 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

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Tgt Ion:164 Resp: 5547

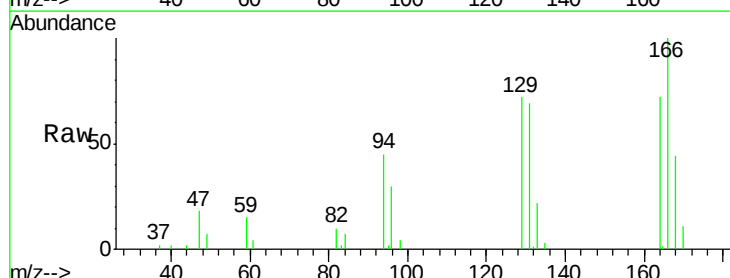
Ion Ratio Lower Upper

164 100

129 100.2 71.5 132.9

131 96.4 65.4 121.4

166 139.1 86.9 161.5



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

