

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082420\
 Data File : VW016345.D
 Acq On : 24 Aug 2020 21:02
 Operator : SY/VA
 Sample : VIBLK02
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK02

Quant Time: Aug 25 06:50:29 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	290563	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	275100	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	123632	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	56556	18.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.92%
7) Chloroethane-d5	2.89	69	44379	18.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.40%
10) 1,1-Dichloroethene-d2	4.02	63	104511	14.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.72%
20) 2-Butanone-d5	7.08	46	38988	44.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.38%
24) Chloroform-d	7.65	84	155533	20.53	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.12%
26) 1,2-Dichloroethane-d4	8.31	65	82998	21.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.04%
29) Benzene-d6	8.28	84	313509	20.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.64%
33) 1,2-Dichloropropane-d6	9.27	67	88997	20.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.76%
37) Toluene-d8	10.32	98	298866	20.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.52%
38) trans-1,3-Dichloropropene-	10.58	79	40054	19.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.12%
39) 2-Hexanone-d5	10.93	63	27827	40.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	78017	22.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	107393	22.65	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.60%

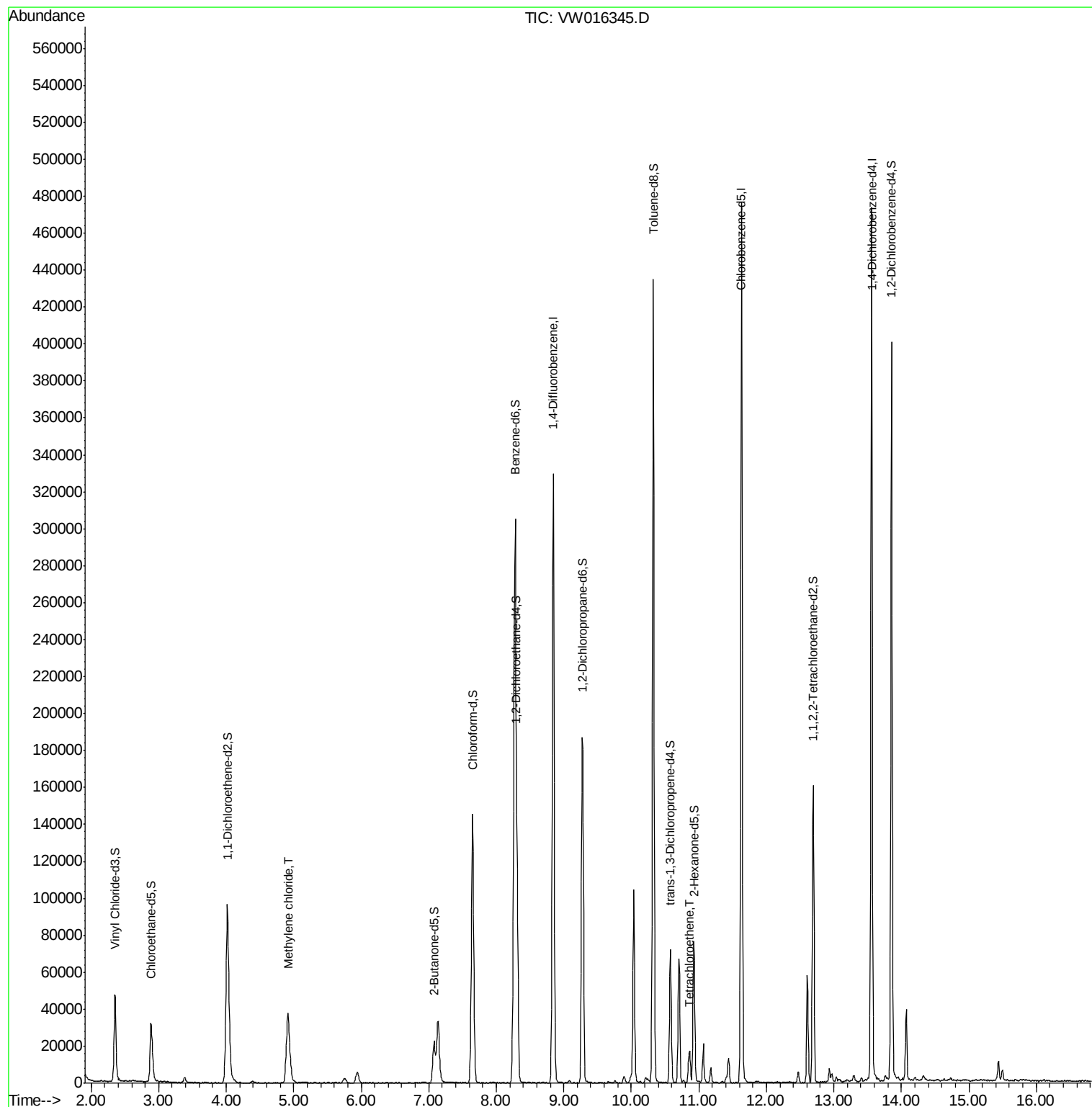
Target Compounds					Ovalue
16) Methylene chloride	4.92	84	34582	6.438 ug/L	97
47) Tetrachloroethene	10.86	164	3688	1.047 ug/L	88

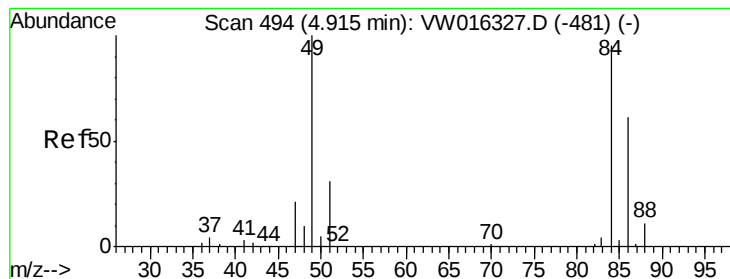
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methvlene chloride

Concen: 6.438 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

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VIBLK02

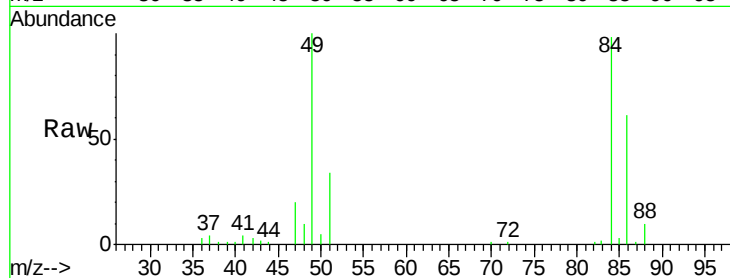
Tot Ion: 84 Resp: 34582

Ion Ratio Lower Upper

84 100

49 102.4 75.3 139.9

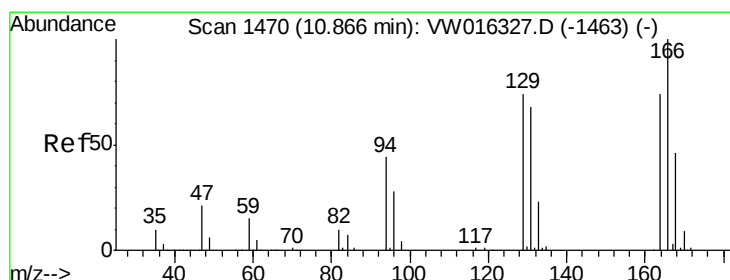
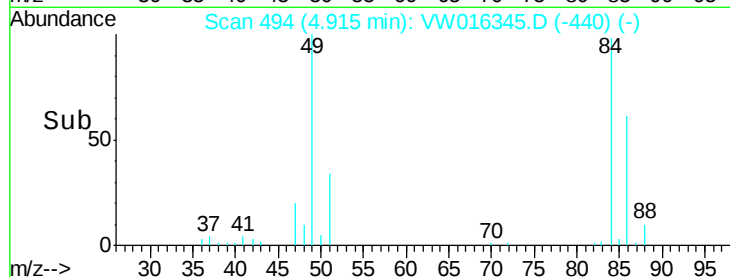
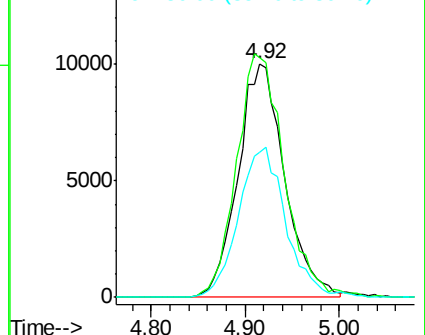
86 62.2 43.3 80.3



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: 1.047 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.01 min

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Tgt Ion:164 Resp: 3688

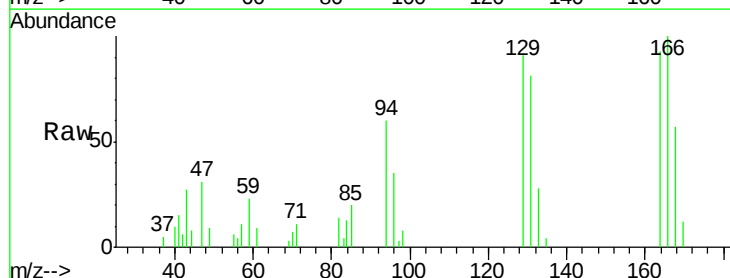
Ion Ratio Lower Upper

164 100

129 98.0 71.5 132.7

131 87.2 67.4 125.2

166 108.0 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

