

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082420\
 Data File : VW016342.D
 Acq On : 24 Aug 2020 19:51
 Operator : SY/VA
 Sample : L3789-04
 Misc : 6.07G/10ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSK9

Quant Time: Aug 25 06:39:53 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	303352	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	275717	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	122624	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	48936	15.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.44%
7) Chloroethane-d5	2.89	69	41017	16.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.72%
10) 1,1-Dichloroethene-d2	4.01	63	92071	11.97	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.88%
20) 2-Butanone-d5	7.08	46	40641	44.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.24%
24) Chloroform-d	7.65	84	153653	19.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.72%
26) 1,2-Dichloroethane-d4	8.31	65	82404	20.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.88%
29) Benzene-d6	8.27	84	290916	18.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.60%
33) 1,2-Dichloropropane-d6	9.27	67	87155	20.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.84%
37) Toluene-d8	10.33	98	258812	17.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.28%
38) trans-1,3-Dichloropropene-	10.58	79	37705	18.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.36%
39) 2-Hexanone-d5	10.93	63	35173	51.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.08%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	82557	23.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	96426	20.51	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.04%

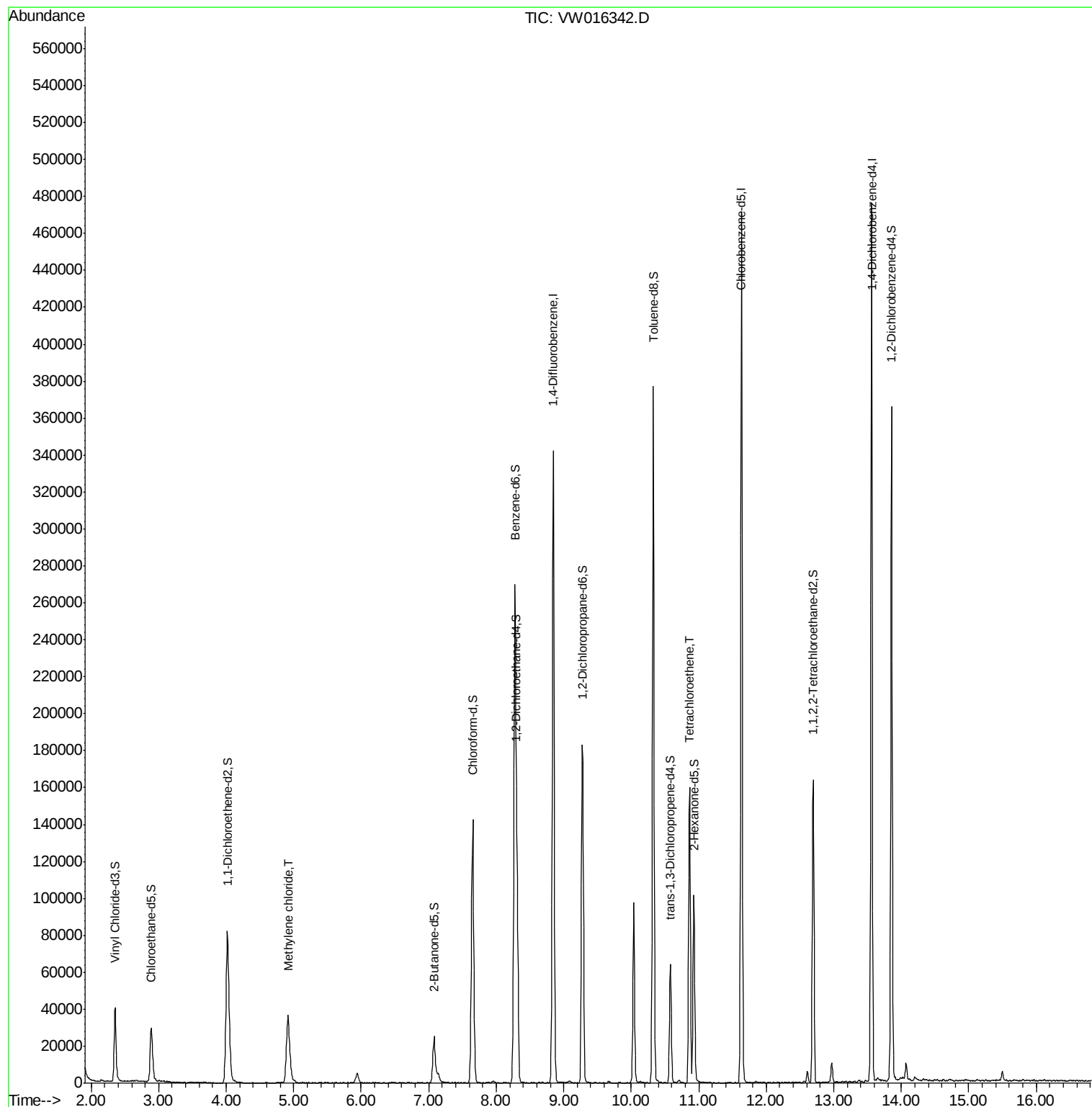
Target Compounds					Ovalue
16) Methylene chloride	4.92	84	33685	6.007 ug/L	95
47) Tetrachloroethene	10.87	164	35902	10.167 ug/L	92

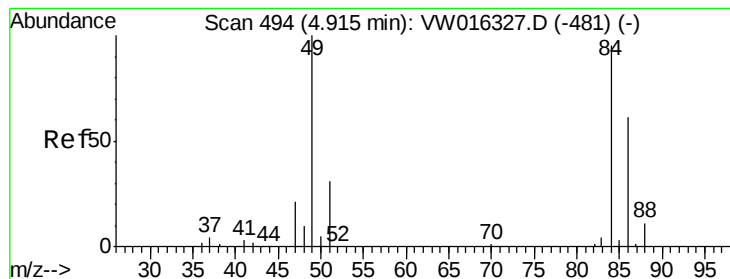
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methvlene chloride

Concen: 6.007 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

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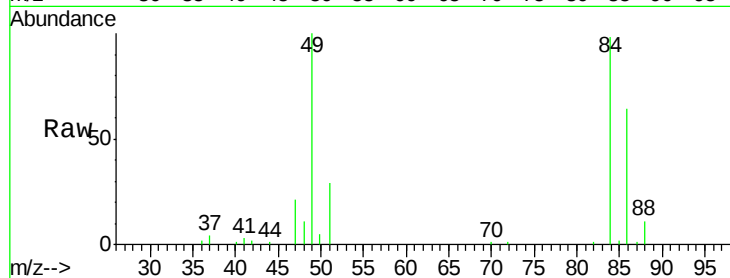
Tot Ion: 84 Resp: 33685

Ion Ratio Lower Upper

84 100

49 101.5 75.3 139.9

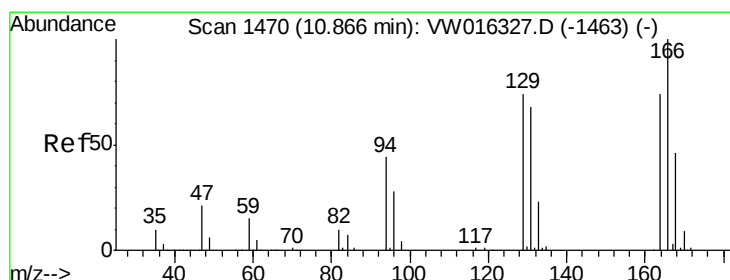
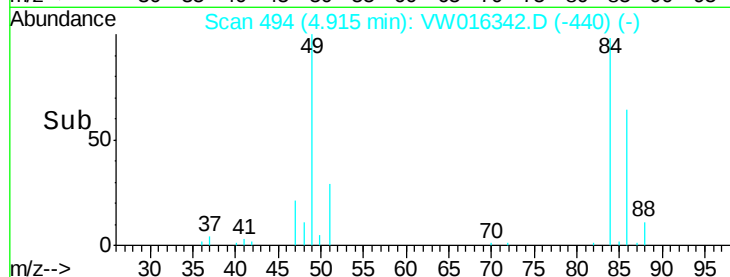
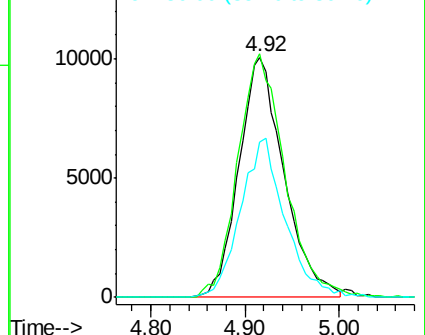
86 64.7 43.3 80.3



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: 10.167 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

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Tgt Ion:164 Resp: 35902

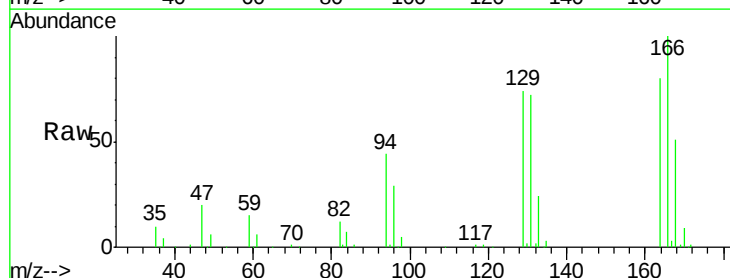
Ion Ratio Lower Upper

164 100

129 91.6 71.5 132.7

131 89.2 67.4 125.2

166 124.6 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

