

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV102820\
 Data File : VW017015.D
 Acq On : 28 Oct 2020 17:10
 Operator : SY/VA
 Sample : VIBLK06
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK06

Quant Time: Oct 29 08:57:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 29 08:01:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	449208	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	437428	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	210132	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	112936	21.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.16%
7) Chloroethane-d5	2.89	69	93152	23.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.76%
10) 1,1-Dichloroethene-d2	4.03	63	167609	16.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.48%
20) 2-Butanone-d5	7.08	46	76798	78.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	157.28%#
24) Chloroform-d	7.65	84	265409	25.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.44%
26) 1,2-Dichloroethane-d4	8.31	65	140972	28.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.64%
29) Benzene-d6	8.27	84	537340	23.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.64%
33) 1,2-Dichloropropane-d6	9.27	67	153349	25.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.12%
37) Toluene-d8	10.33	98	504305	23.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.36%
38) trans-1,3-Dichloropropene-	10.58	79	66677	25.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.60%
39) 2-Hexanone-d5	10.93	63	65136	76.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	152.98%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	148166	32.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	128.28%#
61) 1,2-Dichlorobenzene-d4	13.85	152	196686	26.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.52%

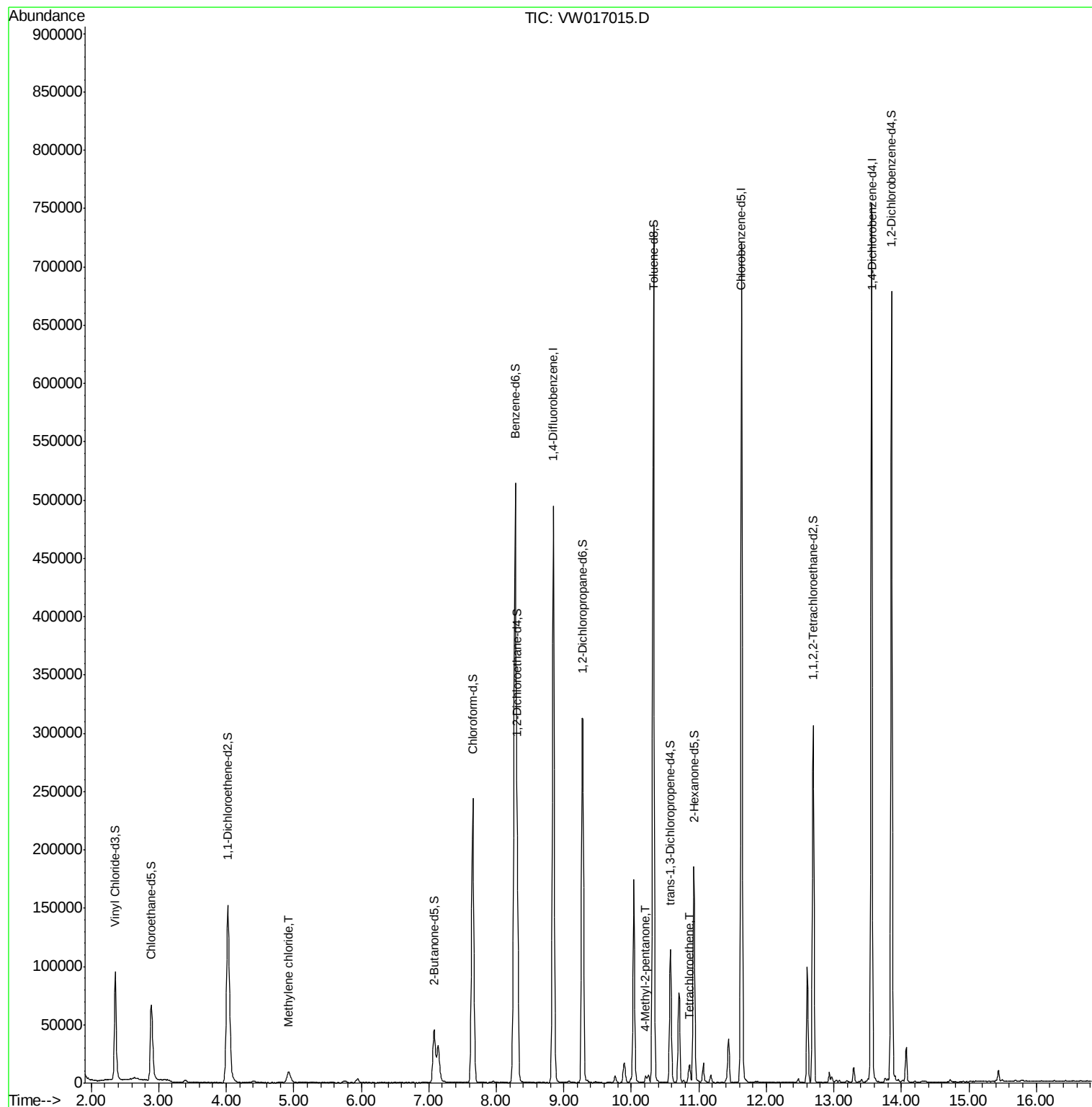
Target Compounds					Ovalue
16) Methylene chloride	4.93	84	9024	1.519 ug/L	79
43) 4-Methyl-2-pentanone	10.21	43	3787	1.480 ug/L	98
47) Tetrachloroethene	10.87	164	3157	0.513 ug/L	86

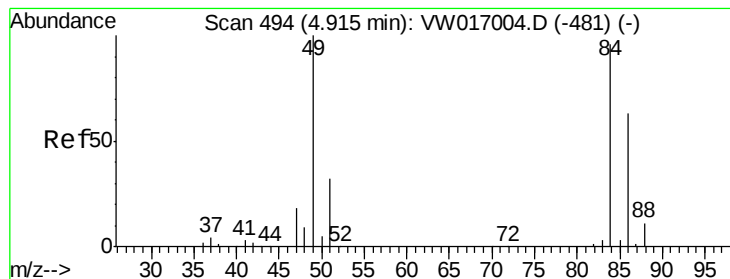
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 1.519 ug/L

RT: 4.93 min Scan# 497

Delta R.T. 0.02 min

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Instrument :

MSVOA_W

ClientSampled :

VIBLK06

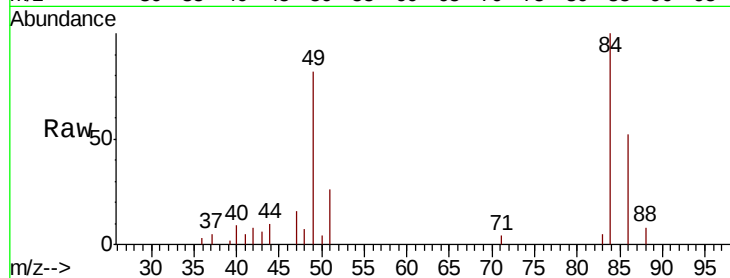
Tot Ion: 84 Resp: 9024

Ion Ratio Lower Upper

84 100

49 82.3 73.8 137.0

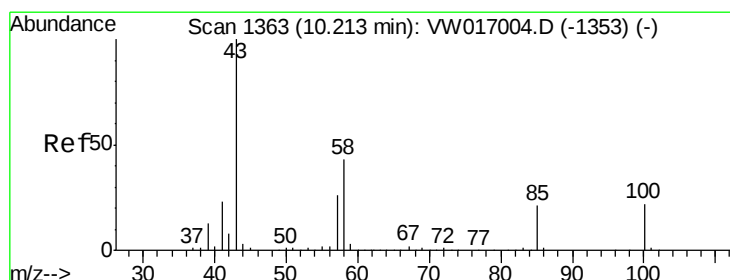
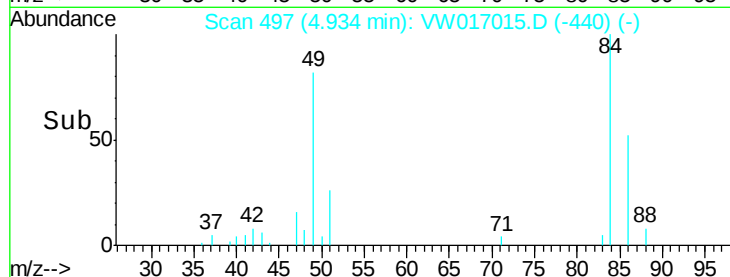
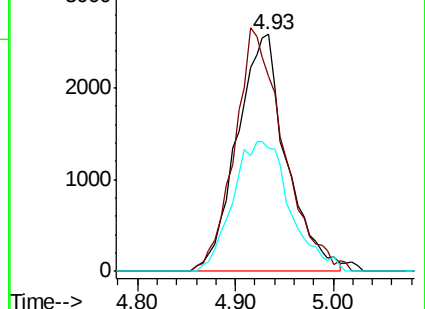
86 52.2 47.4 88.0



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



#43

4-Methyl-2-pentanone

Concen: 1.480 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

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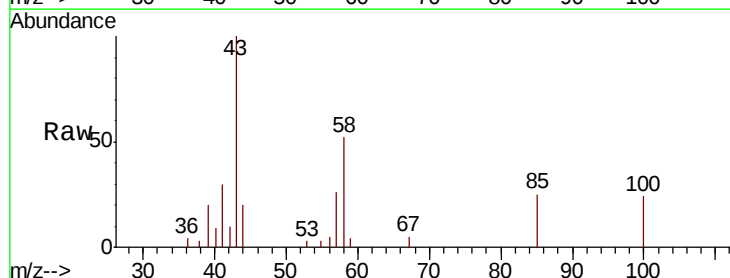
Tgt Ion: 43 Resp: 3787

Ion Ratio Lower Upper

43 100

58 40.9 34.4 51.6

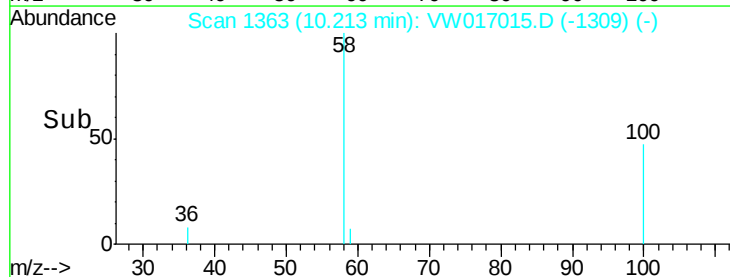
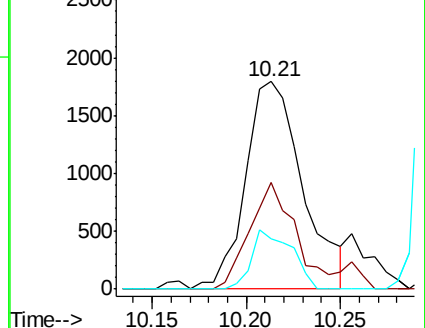
100 19.9 16.2 24.2

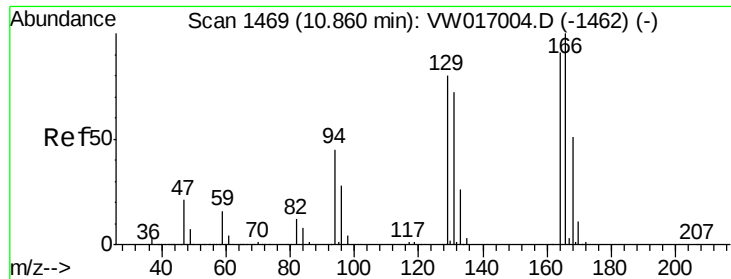


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 100.00 (99.70 to 100.70): VW





#47

Tetrachloroethene

Concen: 0.513 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

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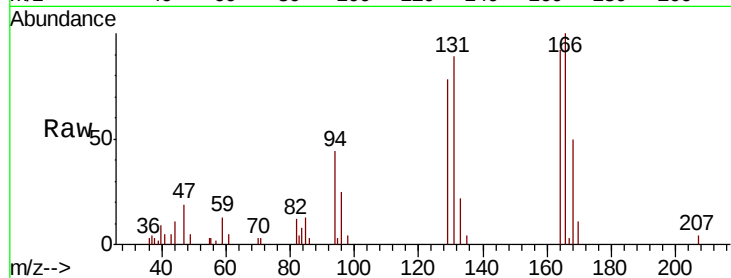
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Tot Ion:164 Resp: 3157

Ion Ratio Lower Upper

164 100

129 84.9 64.0 119.0

131 97.4 61.7 114.5

166 109.1 94.6 175.8

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

