

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110320\
 Data File : VW017055.D
 Acq On : 03 Nov 2020 13:36
 Operator : SY/VA
 Sample : VIBLK26
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK26

Quant Time: Nov 04 04:46:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 04 04:03:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	452989	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	416654	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	198424	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	108133	20.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.72%
7) Chloroethane-d5	2.89	69	95557	23.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.36%
10) 1,1-Dichloroethene-d2	4.03	63	169092	16.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.52%
20) 2-Butanone-d5	7.08	46	53207	54.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.06%
24) Chloroform-d	7.65	84	261126	24.99	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.96%
26) 1,2-Dichloroethane-d4	8.31	65	125615	25.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.16%
29) Benzene-d6	8.28	84	529285	24.73	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.92%
33) 1,2-Dichloropropane-d6	9.28	67	147955	25.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.44%
37) Toluene-d8	10.33	98	494594	24.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.20%
38) trans-1,3-Dichloropropene-	10.58	79	57775	23.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.24%
39) 2-Hexanone-d5	10.93	63	42444	52.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	113840	25.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	181360	26.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.04%

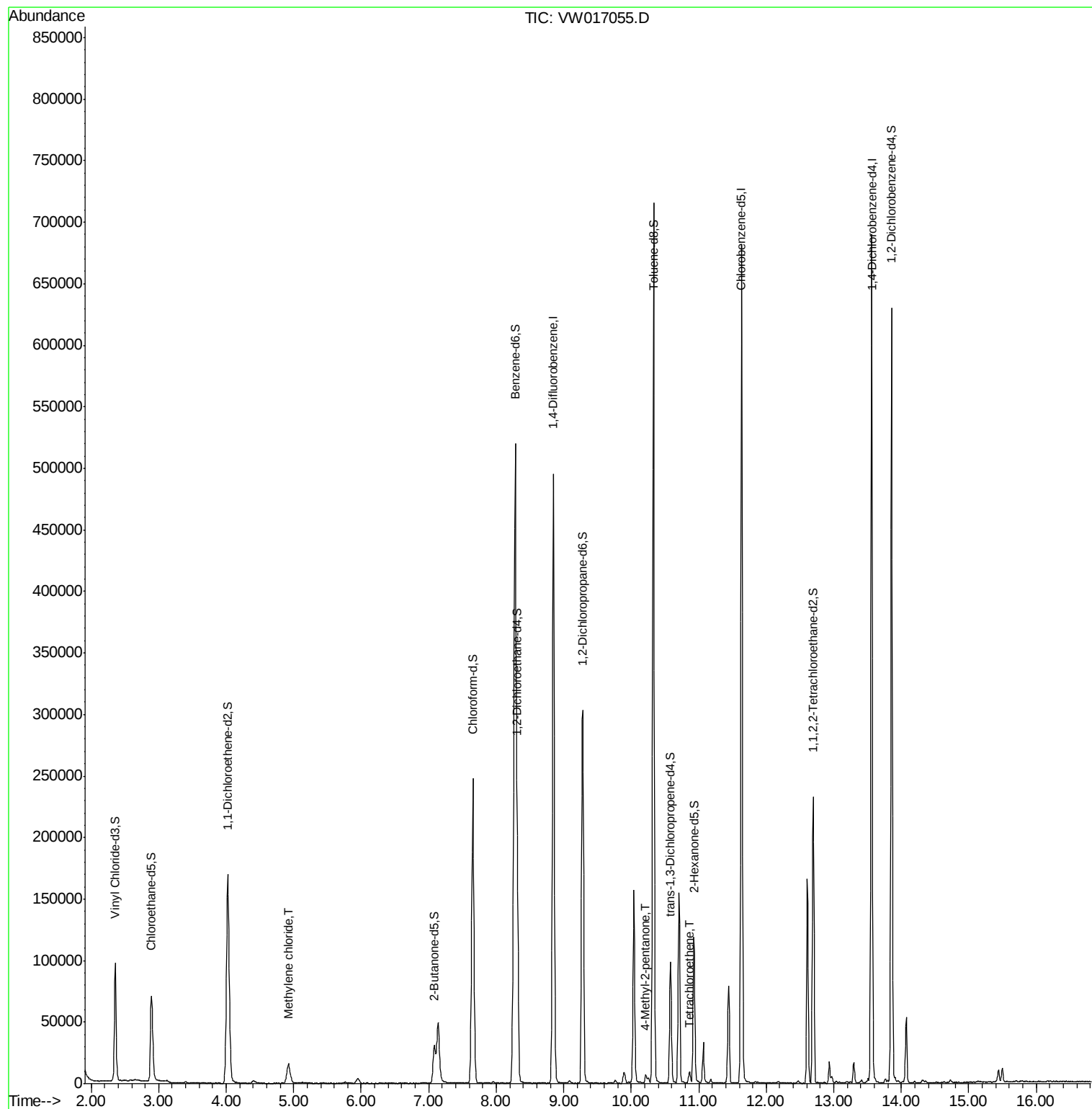
Target Compounds					Ovalue
16) Methylene chloride	4.92	84	14477	2.417 ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	4495	1.845 ug/L	98
47) Tetrachloroethene	10.87	164	2115	0.361 ug/L	93

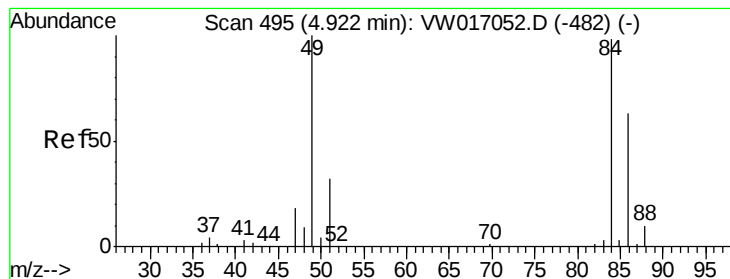
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 2.417 ug/L

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampled :

VIBLK26

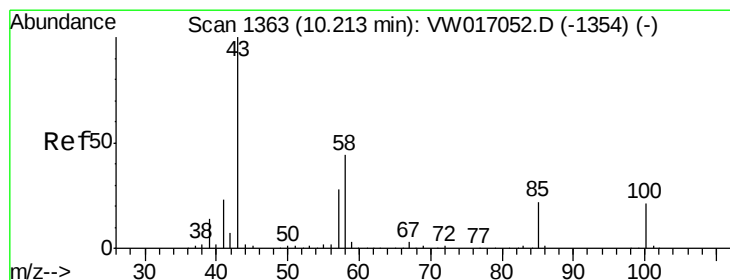
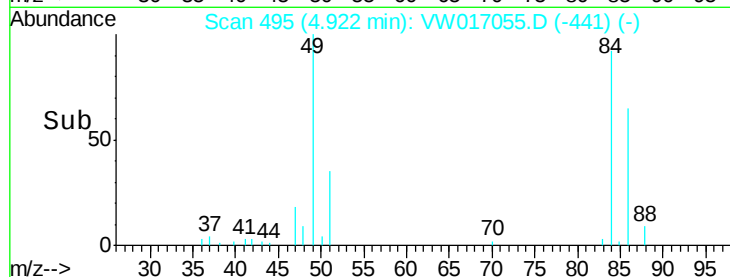
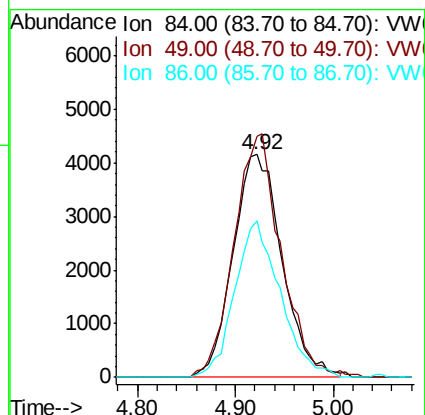
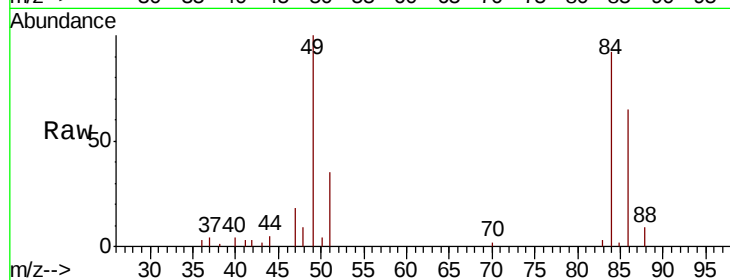
Tot Ion: 84 Resp: 14477

Ion Ratio Lower Upper

84 100

49 108.3 73.8 137.0

86 70.0 47.4 88.0



#43

4-Methyl-2-pentanone

Concen: 1.845 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

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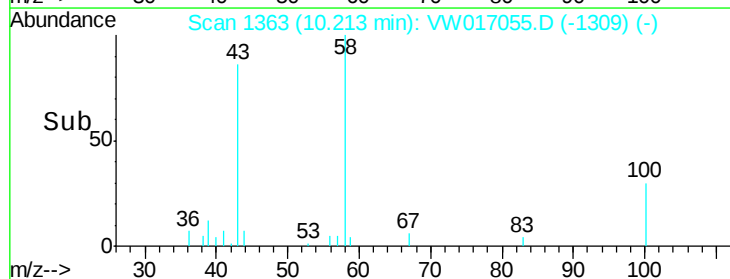
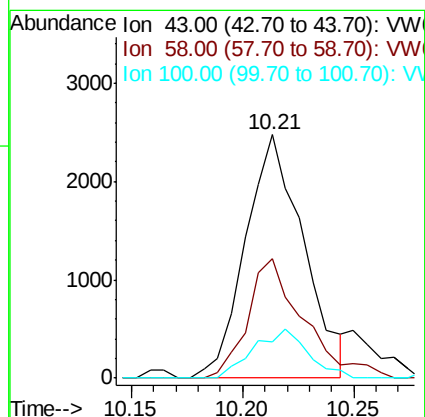
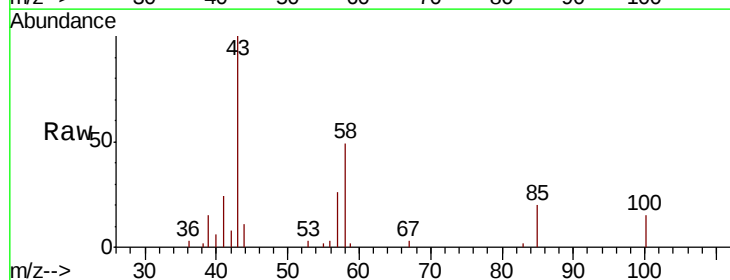
Tgt Ion: 43 Resp: 4495

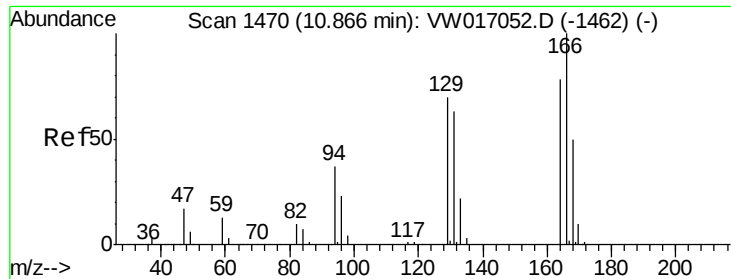
Ion Ratio Lower Upper

43 100

58 44.3 34.4 51.6

100 18.7 16.2 24.2





#47

Tetrachloroethene

Concen: 0.361 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

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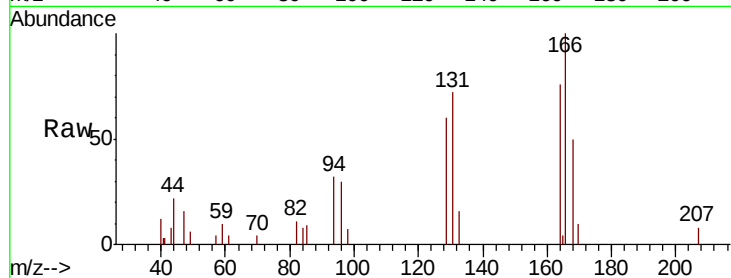
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Tot Ion:164 Resp: 2115

Ion Ratio Lower Upper

164 100

129 79.1 64.0 119.0

131 93.7 61.7 114.5

166 131.0 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

