

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110320\
 Data File : VW017065.D
 Acq On : 03 Nov 2020 17:30
 Operator : SY/VA
 Sample : VIBLK01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK01

Quant Time: Nov 04 05:50:40 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	426131	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	406530	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	195398	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	93116	18.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.72%
7) Chloroethane-d5	2.89	69	82681	21.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.80%
10) 1,1-Dichloroethene-d2	4.03	63	145632	15.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.88%
20) 2-Butanone-d5	7.08	46	52640	56.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.64%
24) Chloroform-d	7.65	84	233425	23.75	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	8.31	65	116240	25.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.52%
29) Benzene-d6	8.27	84	464989	22.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.08%
33) 1,2-Dichloropropane-d6	9.28	67	133673	23.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.84%
37) Toluene-d8	10.33	98	431678	21.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.84%
38) trans-1,3-Dichloropropene-	10.58	79	53343	22.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.20%
39) 2-Hexanone-d5	10.93	63	43550	55.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	112211	26.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	168266	24.50	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.00%

Target Compounds

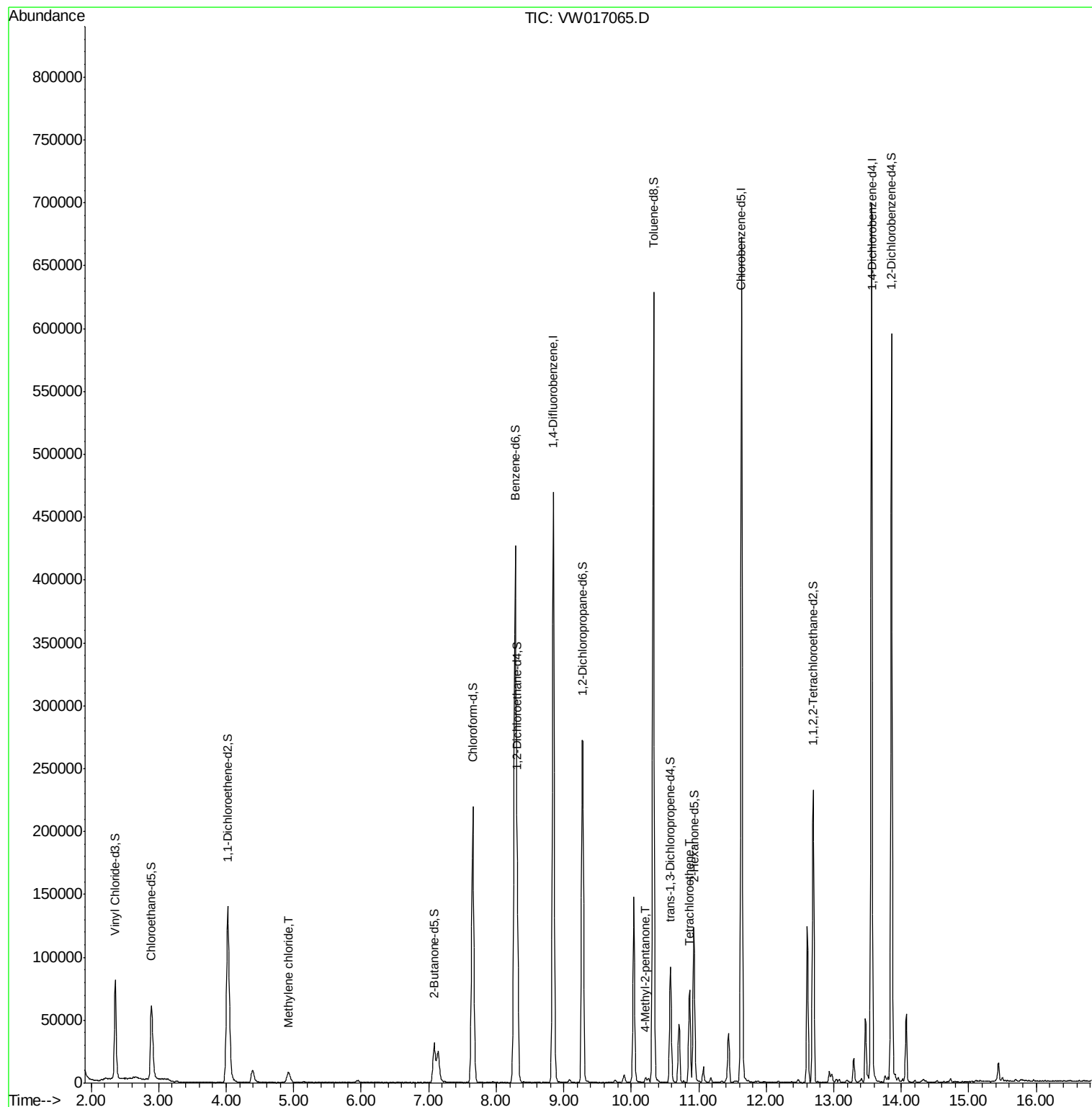
					Ovalue
16) Methylene chloride	4.92	84	7888	1.400 ug/L	92
43) 4-Methyl-2-pentanone	10.21	43	3327	1.399 ug/L #	84
47) Tetrachloroethene	10.87	164	17619	3.079 ug/L	95

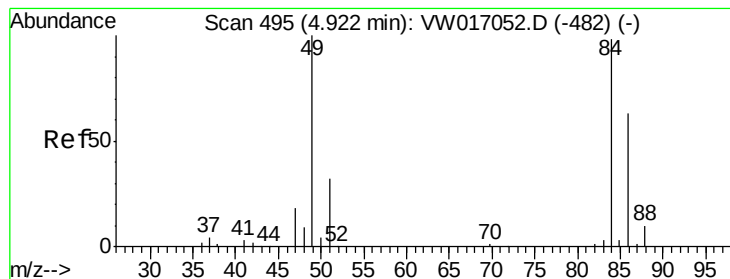
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 1.400 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

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MSVOA_W

ClientSampleId :

VIBLK01

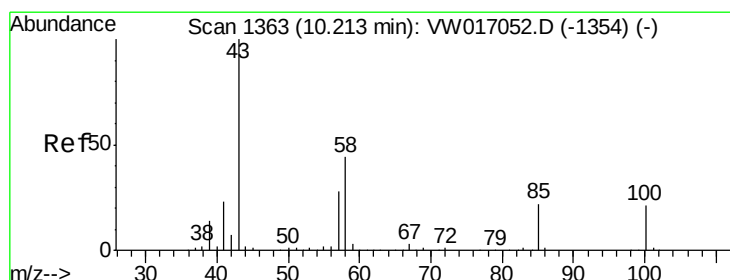
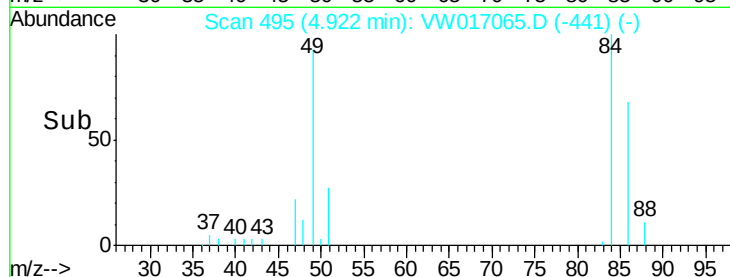
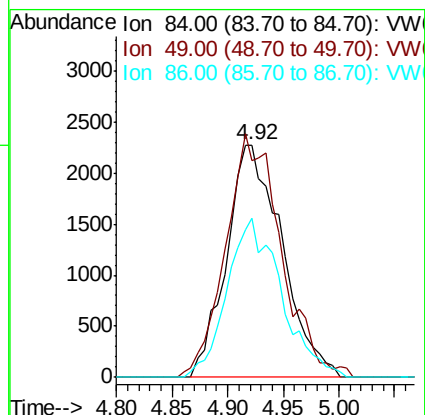
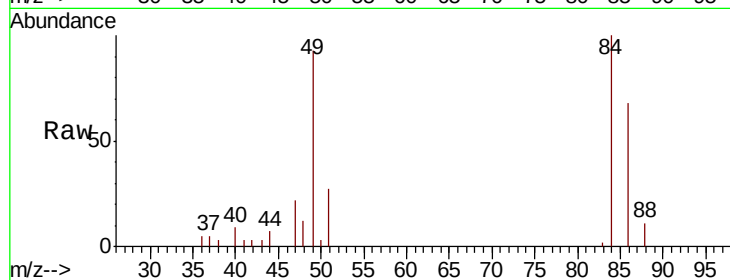
Tot Ion: 84 Resp: 7888

Ion Ratio Lower Upper

84 100

49 93.2 73.8 137.0

86 68.3 47.4 88.0



#43

4-Methyl-2-pentanone

Concen: 1.399 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

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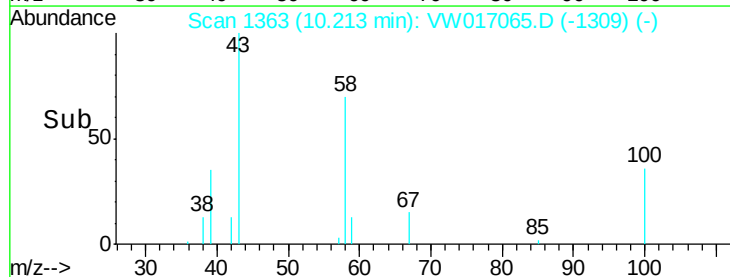
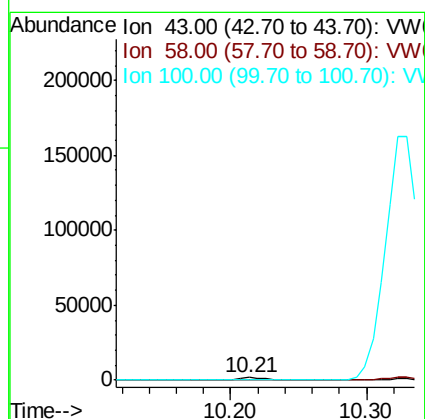
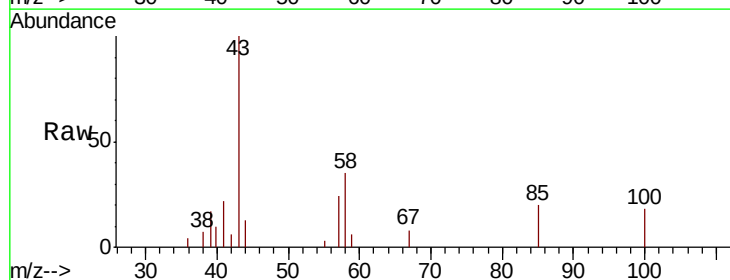
Tgt Ion: 43 Resp: 3327

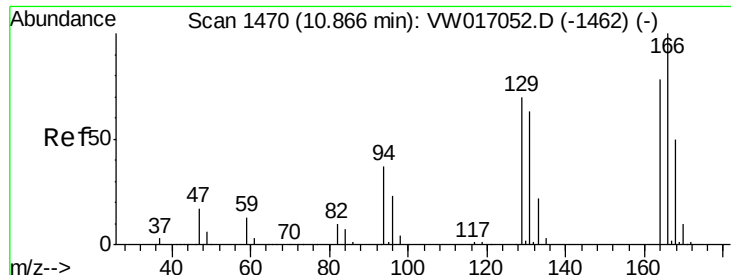
Ion Ratio Lower Upper

43 100

58 34.5 34.4 51.6

100 10.8 16.2 24.2#





#47

Tetrachloroethene

Concen: 3.079 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW017065.D

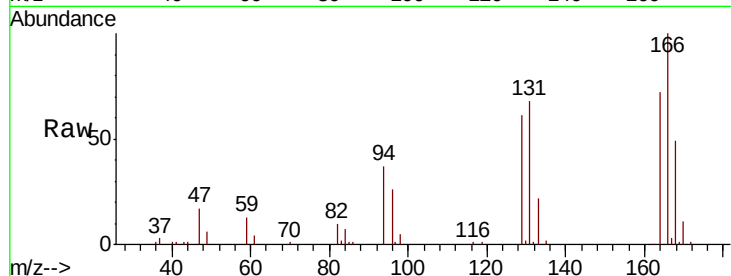
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Tot Ion:164 Resp: 17619

Ion Ratio Lower Upper

164 100

129 84.4 64.0 119.0

131 94.4 61.7 114.5

166 138.8 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

