

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102820\
 Data File : VW017017.D
 Acq On : 28 Oct 2020 18:21
 Operator : SY/VA
 Sample : VIBLK07
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK07

Quant Time: Oct 29 09:03:38 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	455325	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	445681	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	211883	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	106705	20.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.24%
7) Chloroethane-d5	2.89	69	88879	21.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.32%
10) 1,1-Dichloroethene-d2	4.03	63	159568	15.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.44%
20) 2-Butanone-d5	7.08	46	73518	74.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	148.54%#
24) Chloroform-d	7.65	84	253554	24.14	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.56%
26) 1,2-Dichloroethane-d4	8.31	65	138389	28.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.00%
29) Benzene-d6	8.28	84	515423	22.51	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.04%
33) 1,2-Dichloropropane-d6	9.27	67	148031	23.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.84%
37) Toluene-d8	10.33	98	484248	22.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.88%
38) trans-1,3-Dichloropropene-	10.58	79	62691	23.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.60%
39) 2-Hexanone-d5	10.93	63	60478	69.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.40%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	141727	30.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.44%#
61) 1,2-Dichlorobenzene-d4	13.85	152	191419	25.70	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.80%

Target Compounds

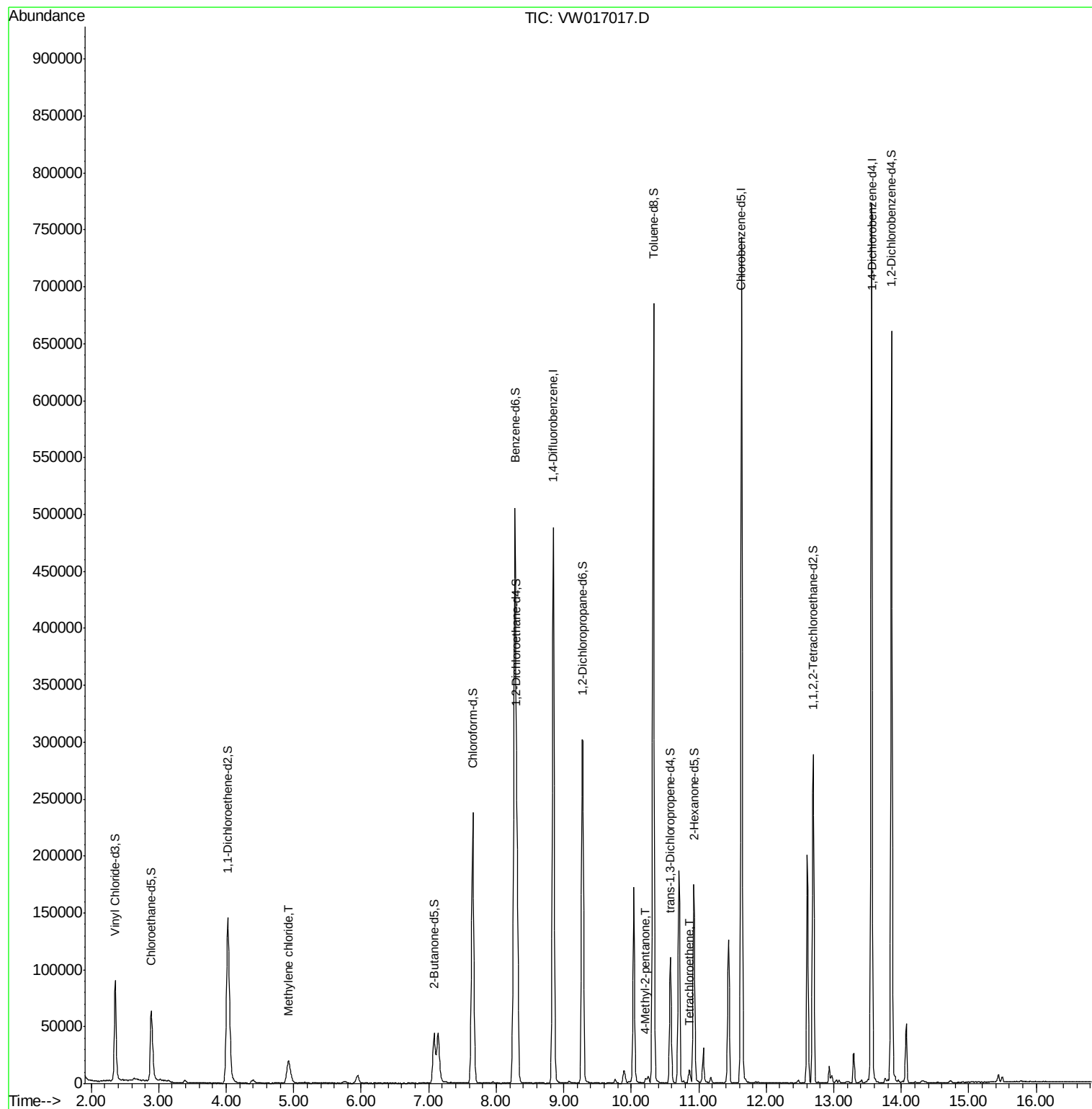
					Ovalue
16) Methylene chloride	4.93	84	19829	3.294 ug/L	93
43) 4-Methyl-2-pentanone	10.21	43	3492	1.340 ug/L	89
47) Tetrachloroethene	10.87	164	2444	0.390 ug/L	95

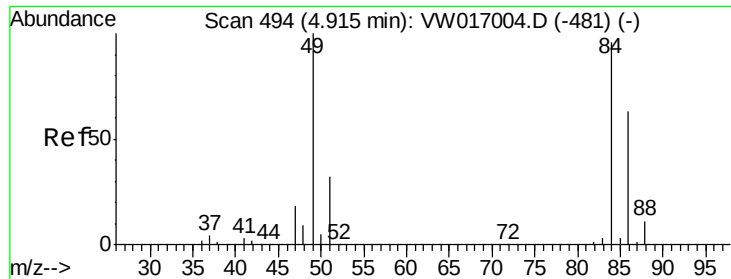
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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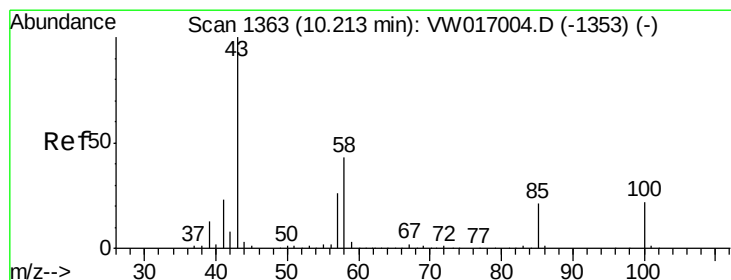
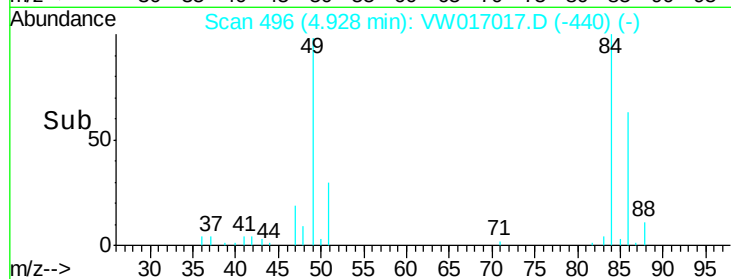
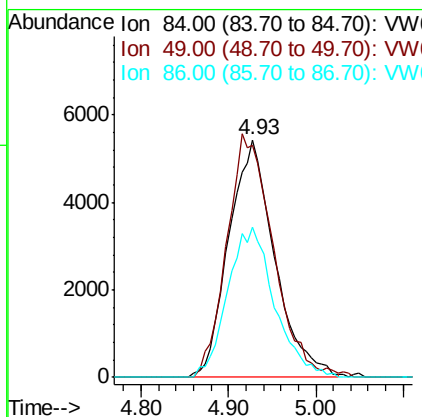
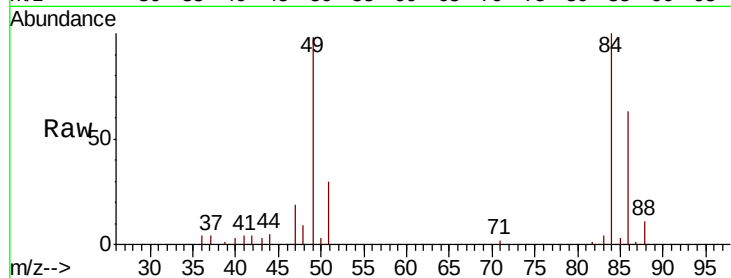




#16
Methylene chloride
Concen: 3.294 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW017017.D
Acq: 28 Oct 2020 18:21

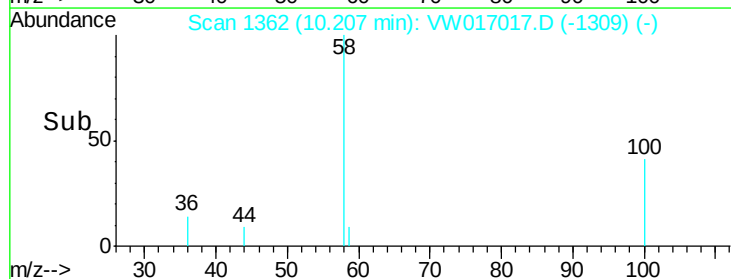
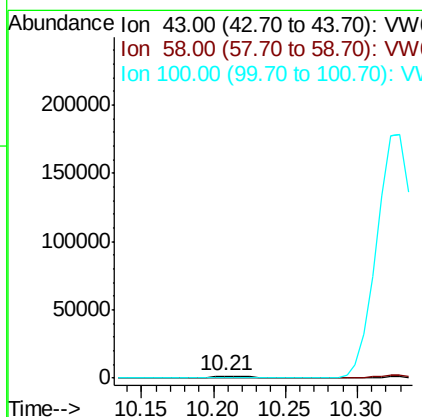
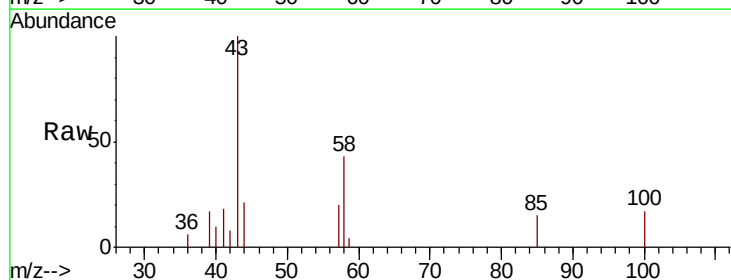
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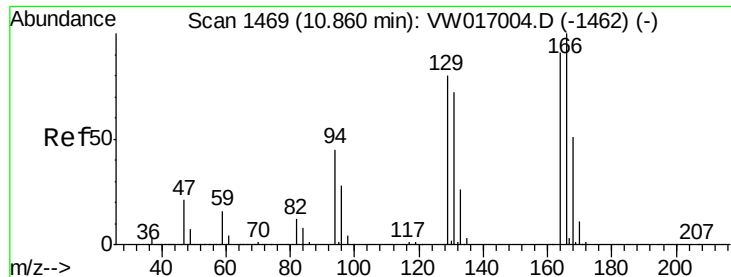
Tot Ion: 84 Resp: 19829
Ion Ratio Lower Upper
84 100
49 97.9 73.8 137.0
86 63.0 47.4 88.0



#43
4-Methyl-2-pentanone
Concen: 1.340 ug/L
RT: 10.21 min Scan# 1362
Delta R.T. -0.01 min
Lab File: VW017017.D
Acq: 28 Oct 2020 18:21

Tgt Ion: 43 Resp: 3492
Ion Ratio Lower Upper
43 100
58 35.2 34.4 51.6
100 16.8 16.2 24.2





#47

Tetrachloroethene

Concen: 0.390 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW017017.D

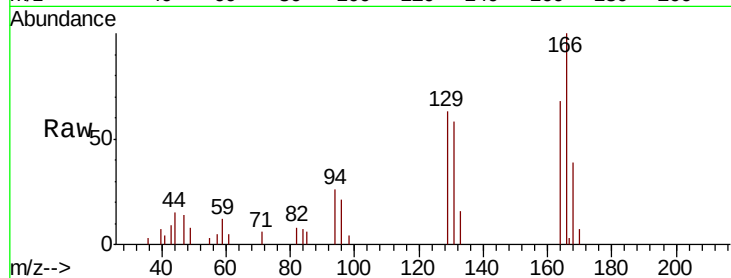
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Tot Ion:164 Resp: 2444

Ion Ratio Lower Upper

164 100

129 92.8 64.0 119.0

131 85.4 61.7 114.5

166 147.1 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

