

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111220\
 Data File : VW017181.D
 Acq On : 12 Nov 2020 13:47
 Operator : SY/VA
 Sample : VIBLK30
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK30

Quant Time: Nov 13 04:48:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 13 04:11:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	434948	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	404024	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	186186	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	123825	22.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.40%
7) Chloroethane-d5	2.89	69	104417	24.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.92%
10) 1,1-Dichloroethene-d2	4.02	63	165110	16.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.40%
20) 2-Butanone-d5	7.08	46	59421	48.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.00%
24) Chloroform-d	7.65	84	253953	25.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.04%
26) 1,2-Dichloroethane-d4	8.31	65	131638	26.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.32%
29) Benzene-d6	8.27	84	491685	23.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.60%
33) 1,2-Dichloropropane-d6	9.27	67	140533	24.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.76%
37) Toluene-d8	10.33	98	454943	23.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.80%
38) trans-1,3-Dichloropropene-	10.58	79	58972	22.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.92%
39) 2-Hexanone-d5	10.93	63	47785	48.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	125467	25.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	171800	26.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.76%

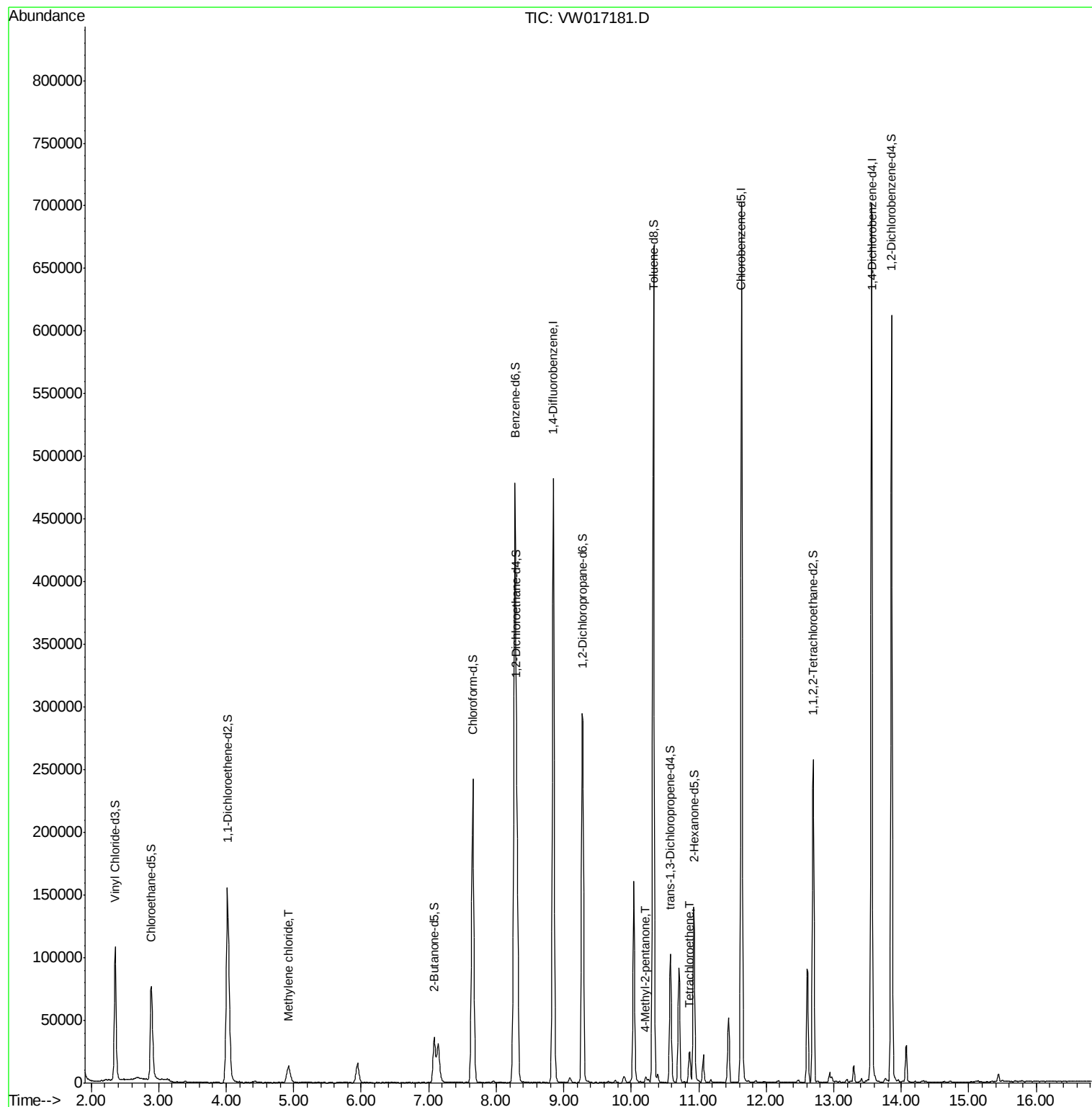
Target Compounds					Ovalue
16) Methylene chloride	4.92	84	12726	2.170 ug/L	89
43) 4-Methyl-2-pentanone	10.21	43	3268	1.068 ug/L	93
47) Tetrachloroethene	10.87	164	5957	1.111 ug/L	93

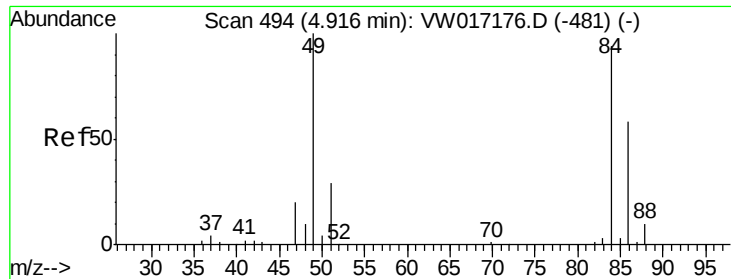
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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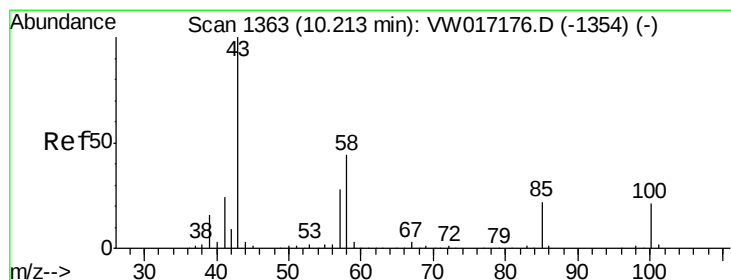
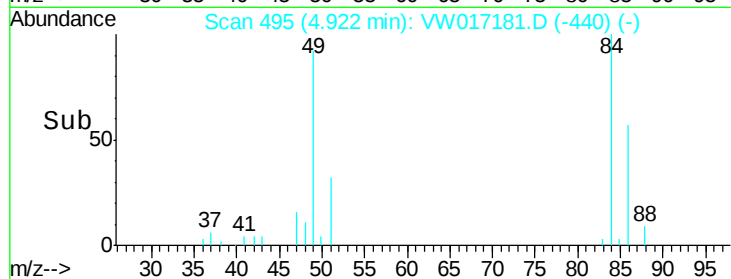
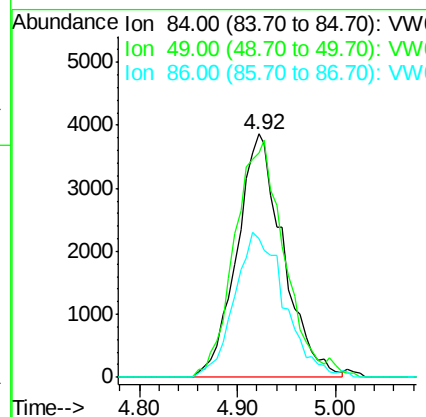
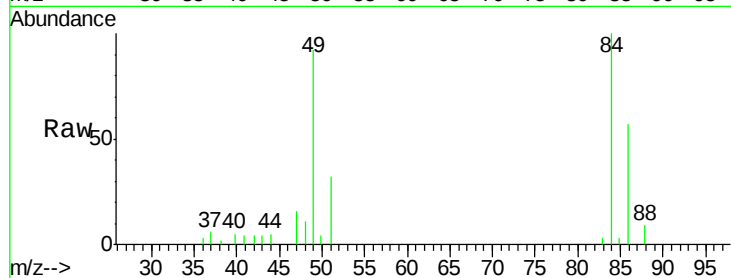




#16
Methylene chloride
Concen: 2.170 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW017181.D
Acq: 12 Nov 2020 13:47

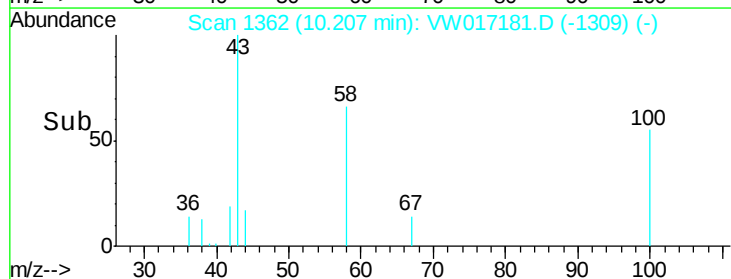
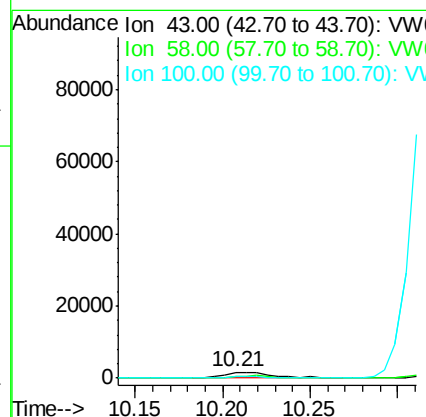
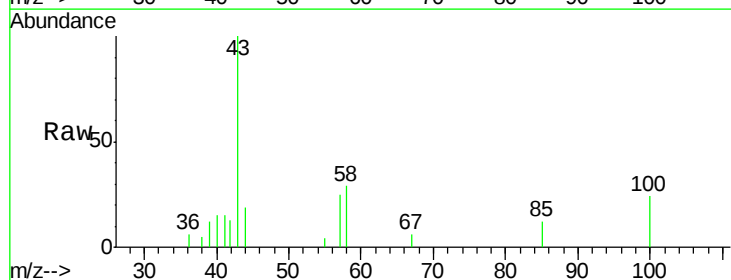
Instrument :
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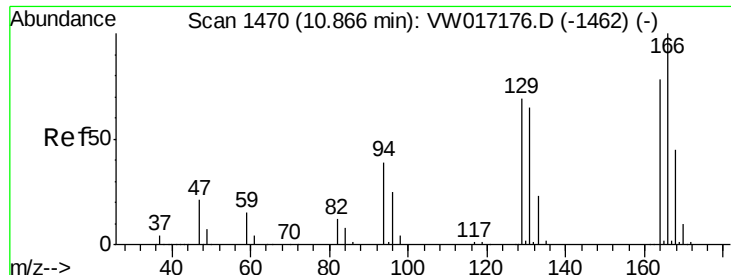
Tot Ion: 84 Resp: 12726
Ion Ratio Lower Upper
84 100
49 92.0 72.3 134.3
86 56.9 45.1 83.7



#43
4-Methyl-2-pentanone
Concen: 1.068 ug/L
RT: 10.21 min Scan# 1362
Delta R.T. -0.01 min
Lab File: VW017181.D
Acq: 12 Nov 2020 13:47

Tgt Ion: 43 Resp: 3268
Ion Ratio Lower Upper
43 100
58 37.9 35.0 52.6
100 19.4 16.6 24.8





#47

Tetrachloroethene

Concen: 1.111 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW017181.D

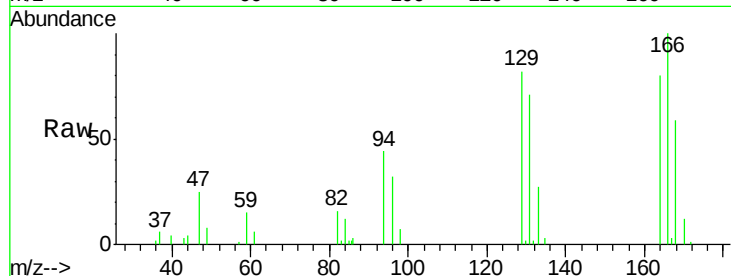
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Tot Ion:164 Resp: 5957

Ion Ratio Lower Upper

164 100

129 101.6 62.9 116.7

131 88.4 63.3 117.5

166 124.3 92.0 170.8

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

