

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102820\
 Data File : VW017010.D
 Acq On : 28 Oct 2020 13:46
 Operator : SY/VA
 Sample : VIBLK03
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK03

Quant Time: Oct 29 08:36:31 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	519914	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	484011	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	229028	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	122359	20.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.56%
7) Chloroethane-d5	2.89	69	101863	21.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.64%
10) 1,1-Dichloroethene-d2	4.02	63	189178	16.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.84%
20) 2-Butanone-d5	7.08	46	78902	69.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.60%#
24) Chloroform-d	7.65	84	291421	24.30	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	8.31	65	153206	27.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.60%
29) Benzene-d6	8.27	84	602538	24.23	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.92%
33) 1,2-Dichloropropane-d6	9.27	67	170272	25.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.48%
37) Toluene-d8	10.33	98	570801	24.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.56%
38) trans-1,3-Dichloropropene-	10.58	79	74816	26.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.08%
39) 2-Hexanone-d5	10.93	63	64956	68.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.86%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	153510	30.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.12%#
61) 1,2-Dichlorobenzene-d4	13.85	152	212729	26.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.72%

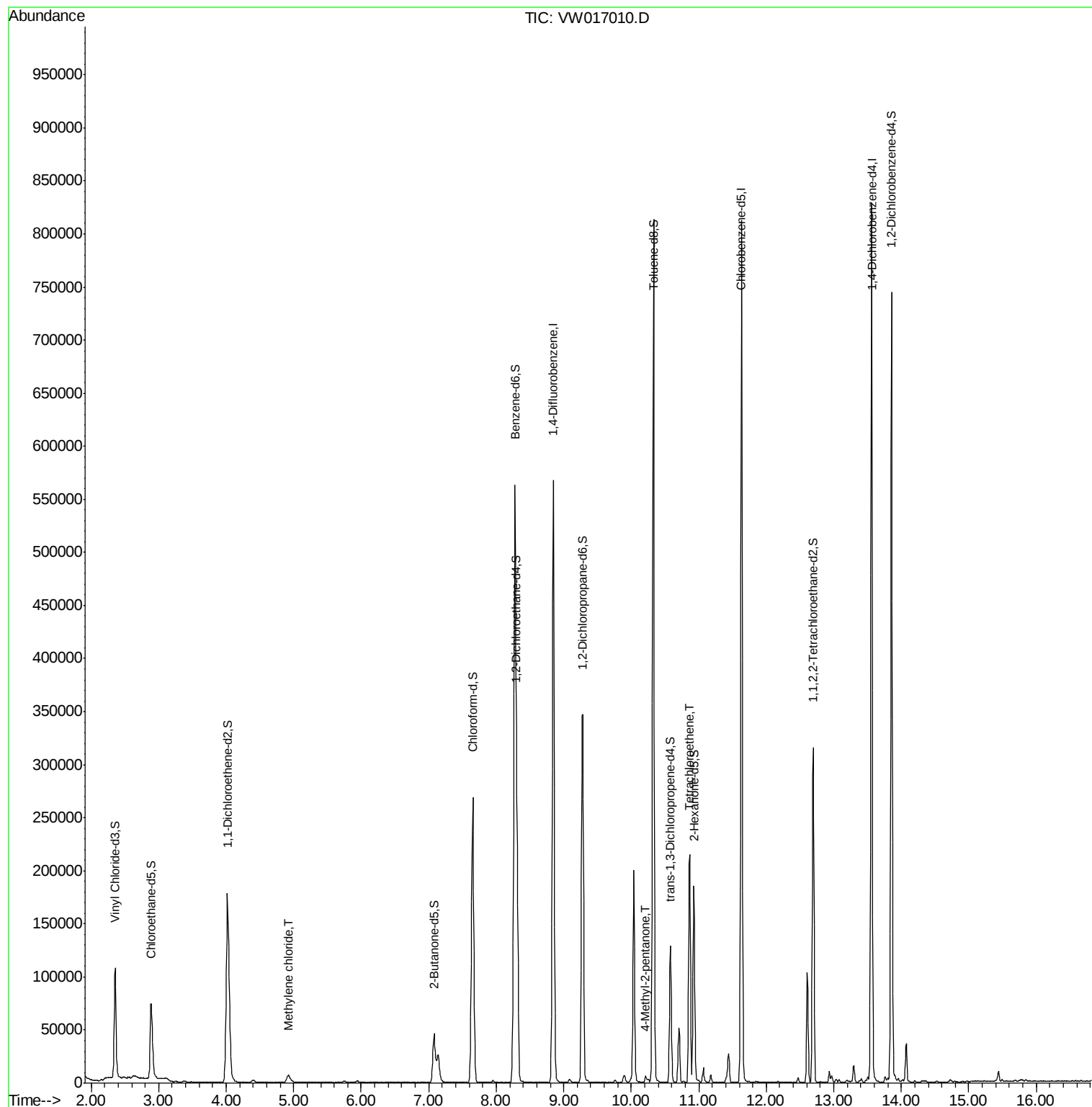
Target Compounds					Ovalue
16) Methylene chloride	4.93	84	6422	0.934 ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	4572	1.615 ug/L	96
47) Tetrachloroethene	10.87	164	51881	7.616 ug/L	97

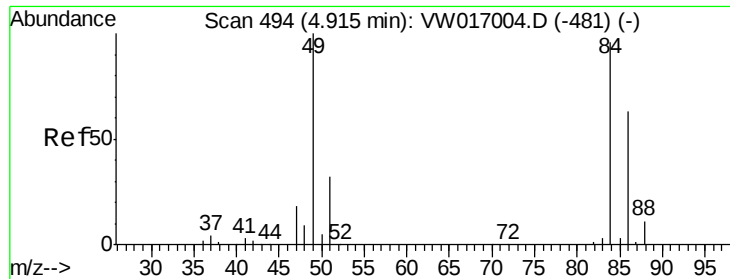
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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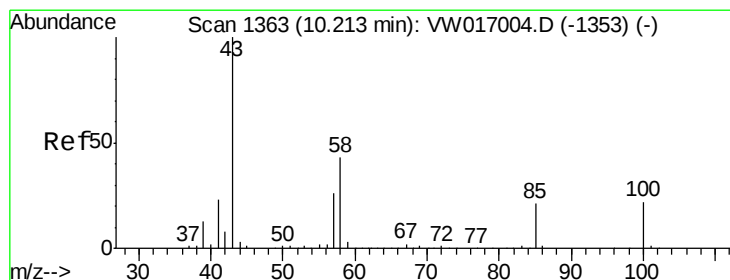
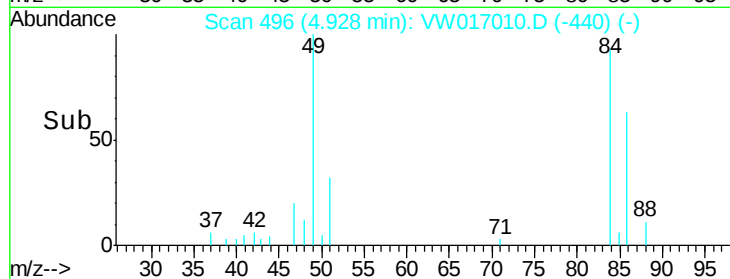
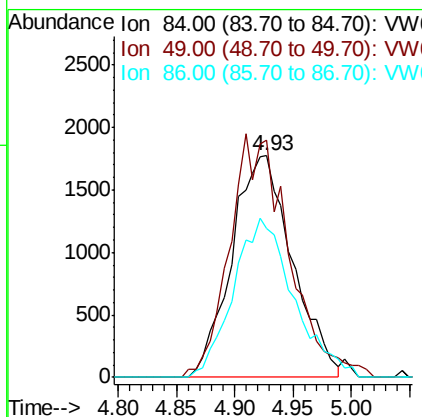
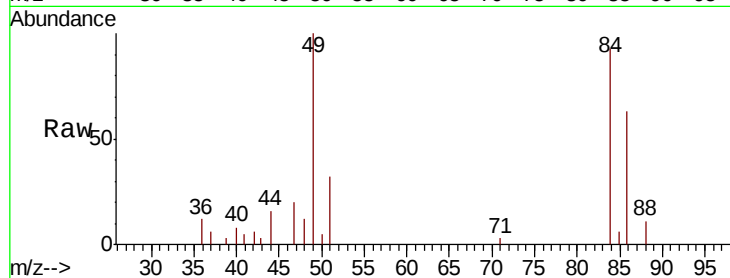




#16
Methylene chloride
Concen: 0.934 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW017010.D
Acq: 28 Oct 2020 13:46

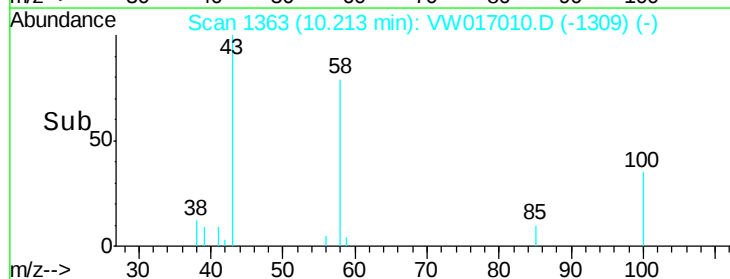
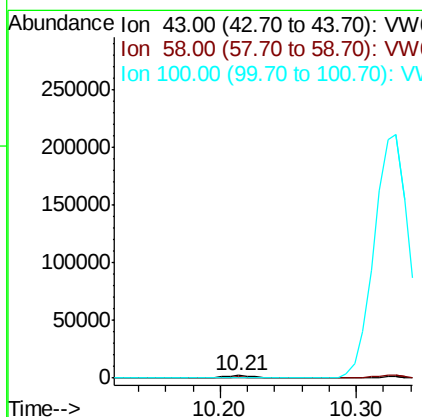
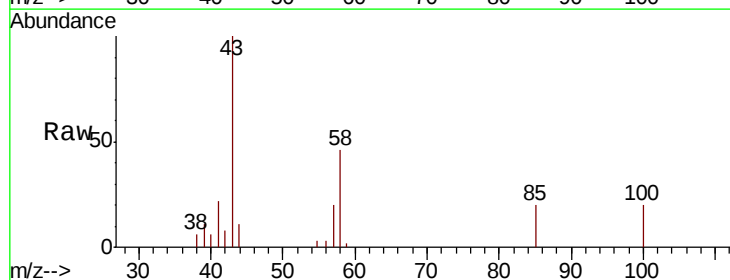
Instrument :
MSVOA_W
ClientSampled :
VIBLK03

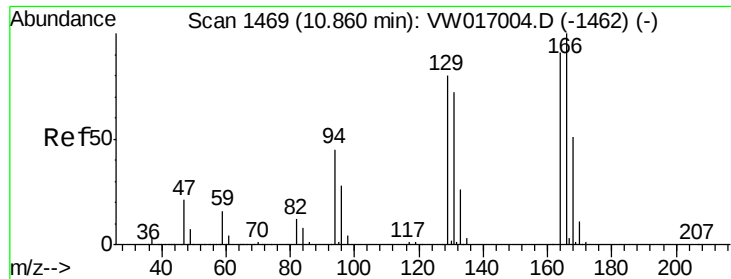
Tot Ion: 84 Resp: 6422
Ion Ratio Lower Upper
84 100
49 107.0 73.8 137.0
86 67.4 47.4 88.0



#43
4-Methyl-2-pentanone
Concen: 1.615 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW017010.D
Acq: 28 Oct 2020 13:46

Tgt Ion: 43 Resp: 4572
Ion Ratio Lower Upper
43 100
58 40.9 34.4 51.6
100 18.3 16.2 24.2





#47

Tetrachloroethene

Concen: 7.616 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW017010.D

Acq: 28 Oct 2020 13:46

Instrument :

MSVOA_W

ClientSampleId :

VIBLK03

Tot Ion:164 Resp: 51881

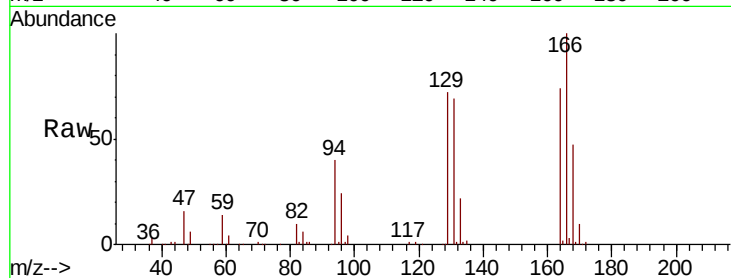
Ion Ratio Lower Upper

164 100

129 97.4 64.0 119.0

131 92.9 61.7 114.5

166 135.2 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

