

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111120\
 Data File : VW017170.D
 Acq On : 11 Nov 2020 17:45
 Operator : SY/VA
 Sample : VIBLK27
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK27

Quant Time: Nov 12 06:04:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 12 03:07:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	406443	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	385608	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	177364	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	134815	26.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.32%
7) Chloroethane-d5	2.90	69	112072	28.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.64%
10) 1,1-Dichloroethene-d2	4.03	63	172178	18.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.20%
20) 2-Butanone-d5	7.09	46	59888	52.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.62%
24) Chloroform-d	7.65	84	265715	28.00	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.00%
26) 1,2-Dichloroethane-d4	8.31	65	135910	28.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.24%
29) Benzene-d6	8.28	84	514111	26.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.72%
33) 1,2-Dichloropropane-d6	9.28	67	145059	26.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.84%
37) Toluene-d8	10.33	98	474120	25.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.44%
38) trans-1,3-Dichloropropene-	10.58	79	58455	23.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.48%
39) 2-Hexanone-d5	10.93	63	47224	49.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	126980	26.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	180794	28.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.72%

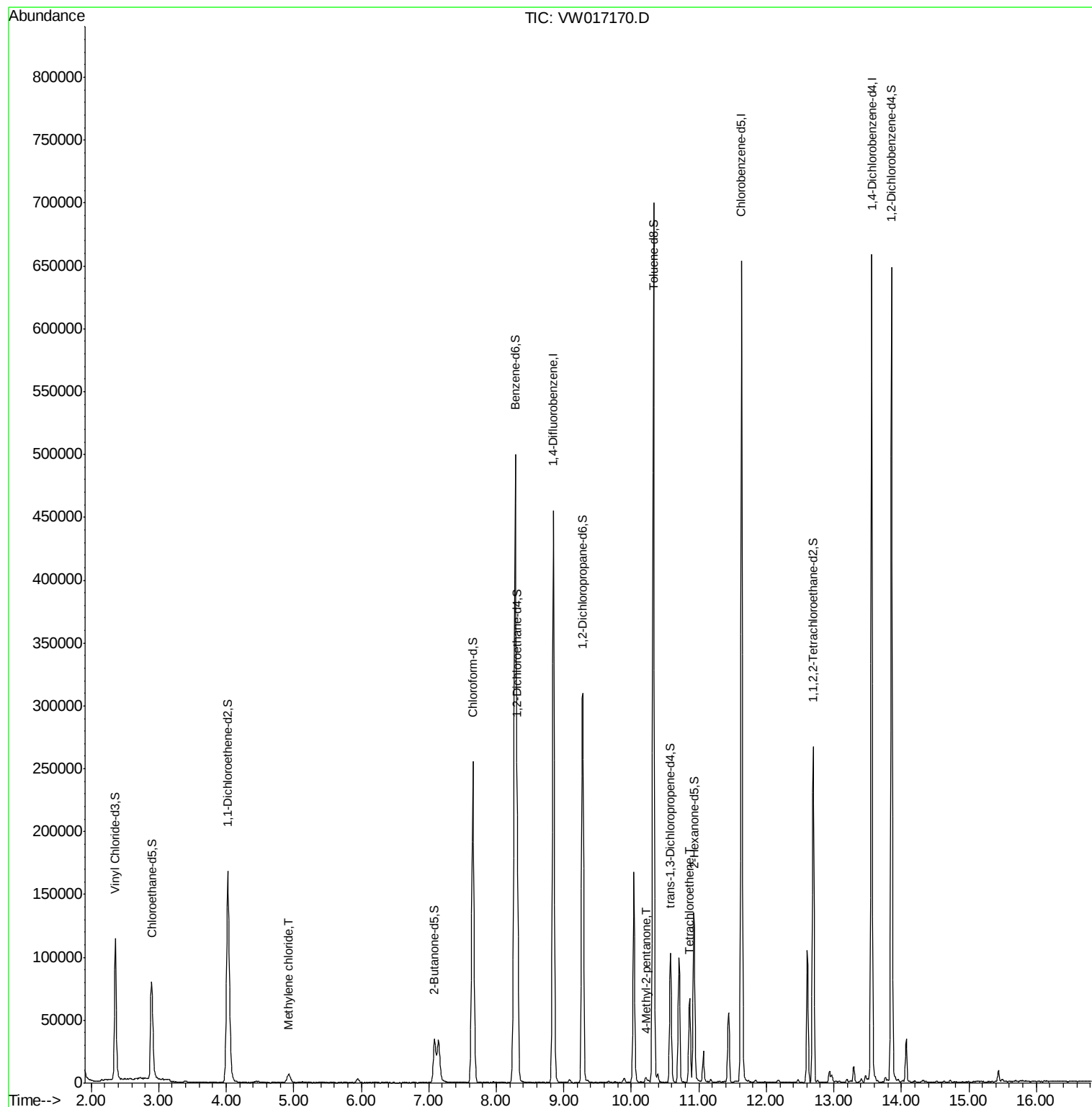
Target Compounds					Ovalue
16) Methylene chloride	4.92	84	6596	1.204 ug/L	84
43) 4-Methyl-2-pentanone	10.22	43	2755	0.943 ug/L #	91
47) Tetrachloroethene	10.87	164	15547	3.038 ug/L	94

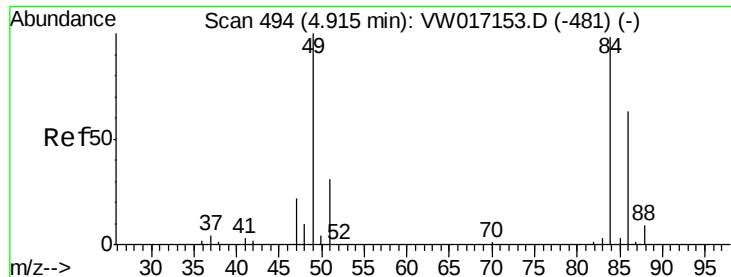
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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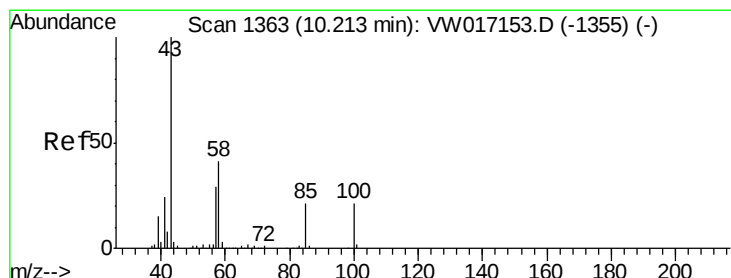
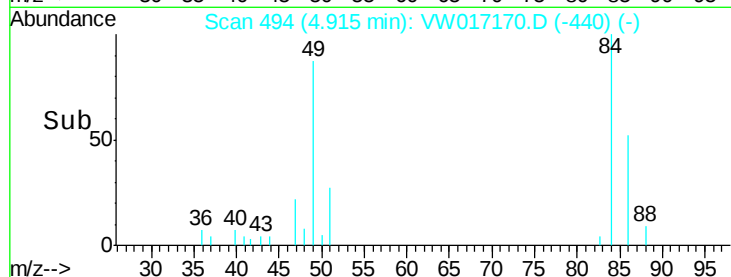
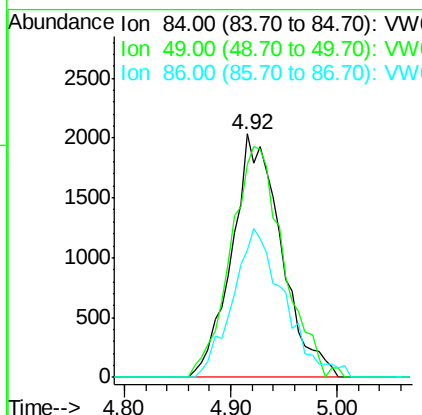
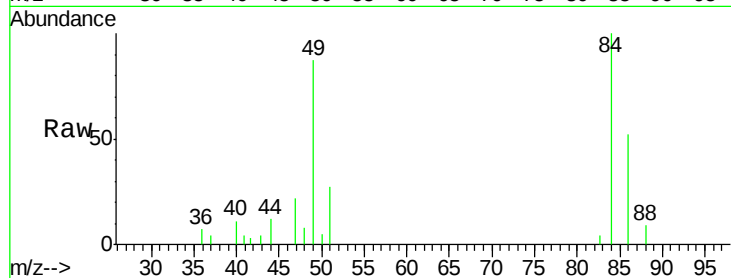




#16
Methylene chloride
Concen: 1.204 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW017170.D
Acq: 11 Nov 2020 17:45

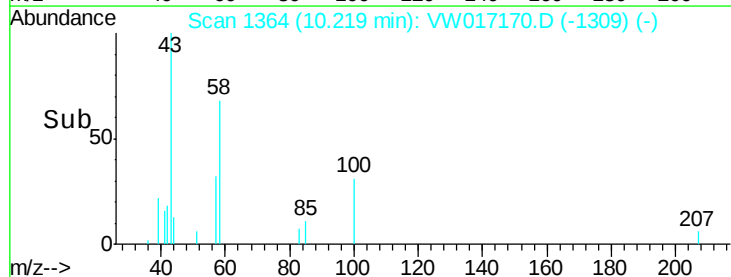
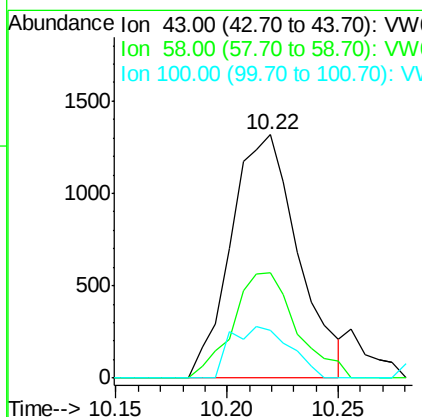
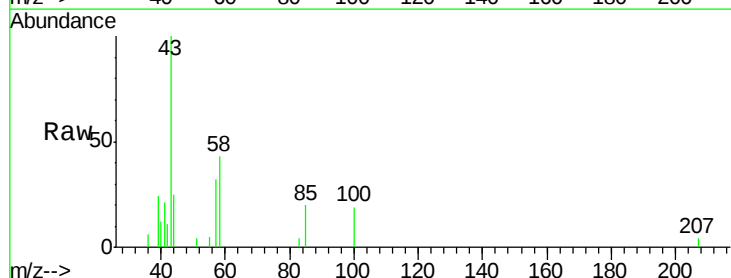
Instrument :
MSVOA_W
ClientSampled :
VIBLK27

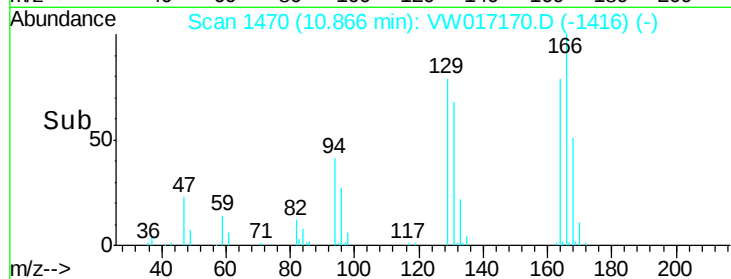
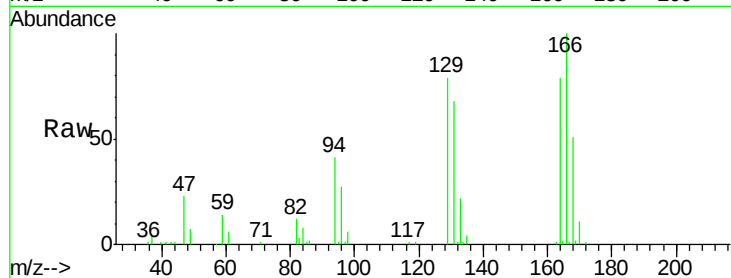
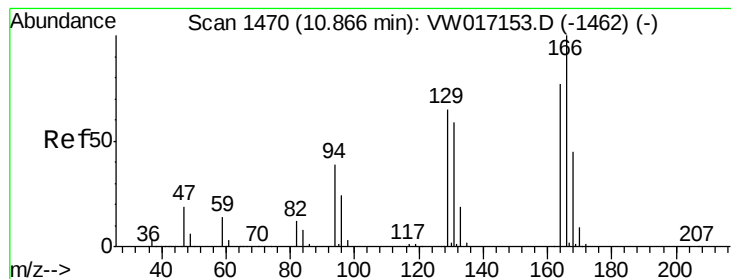
Tot Ion: 84 Resp: 6596
Ion Ratio Lower Upper
84 100
49 87.2 72.3 134.3
86 52.2 45.1 83.7



#43
4-Methyl-2-pentanone
Concen: 0.943 ug/L
RT: 10.22 min Scan# 1364
Delta R.T. 0.01 min
Lab File: VW017170.D
Acq: 11 Nov 2020 17:45

Tgt Ion: 43 Resp: 2755
Ion Ratio Lower Upper
43 100
58 40.9 35.0 52.6
100 12.5 16.6 24.8#





#47

Tetrachloroethene

Concen: 3.038 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW017170.D

Acq: 11 Nov 2020 17:45

Instrument :

MSVOA_W

ClientSampleId :

VIBLK27

Tot Ion:164 Resp: 15547

Ion Ratio Lower Upper

164 100

129 100.2 62.9 116.7

131 86.0 63.3 117.5

166 126.7 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

