

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111120\
 Data File : VW017168.D
 Acq On : 11 Nov 2020 16:58
 Operator : SY/VA
 Sample : VIBLK26
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK26

Quant Time: Nov 12 05:57:00 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	441321	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	410149	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	194427	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	127838	23.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.00%
7) Chloroethane-d5	2.89	69	107586	25.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.48%
10) 1,1-Dichloroethene-d2	4.02	63	170121	17.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.44%
20) 2-Butanone-d5	7.08	46	56450	45.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.82%
24) Chloroform-d	7.65	84	258737	25.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.44%
26) 1,2-Dichloroethane-d4	8.31	65	132243	25.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.28%
29) Benzene-d6	8.28	84	500727	23.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.88%
33) 1,2-Dichloropropane-d6	9.27	67	142160	24.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.44%
37) Toluene-d8	10.33	98	461381	23.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.72%
38) trans-1,3-Dichloropropene-	10.58	79	57930	22.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.96%
39) 2-Hexanone-d5	10.93	63	44463	44.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.20%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	122648	24.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	176213	25.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.88%

Target Compounds

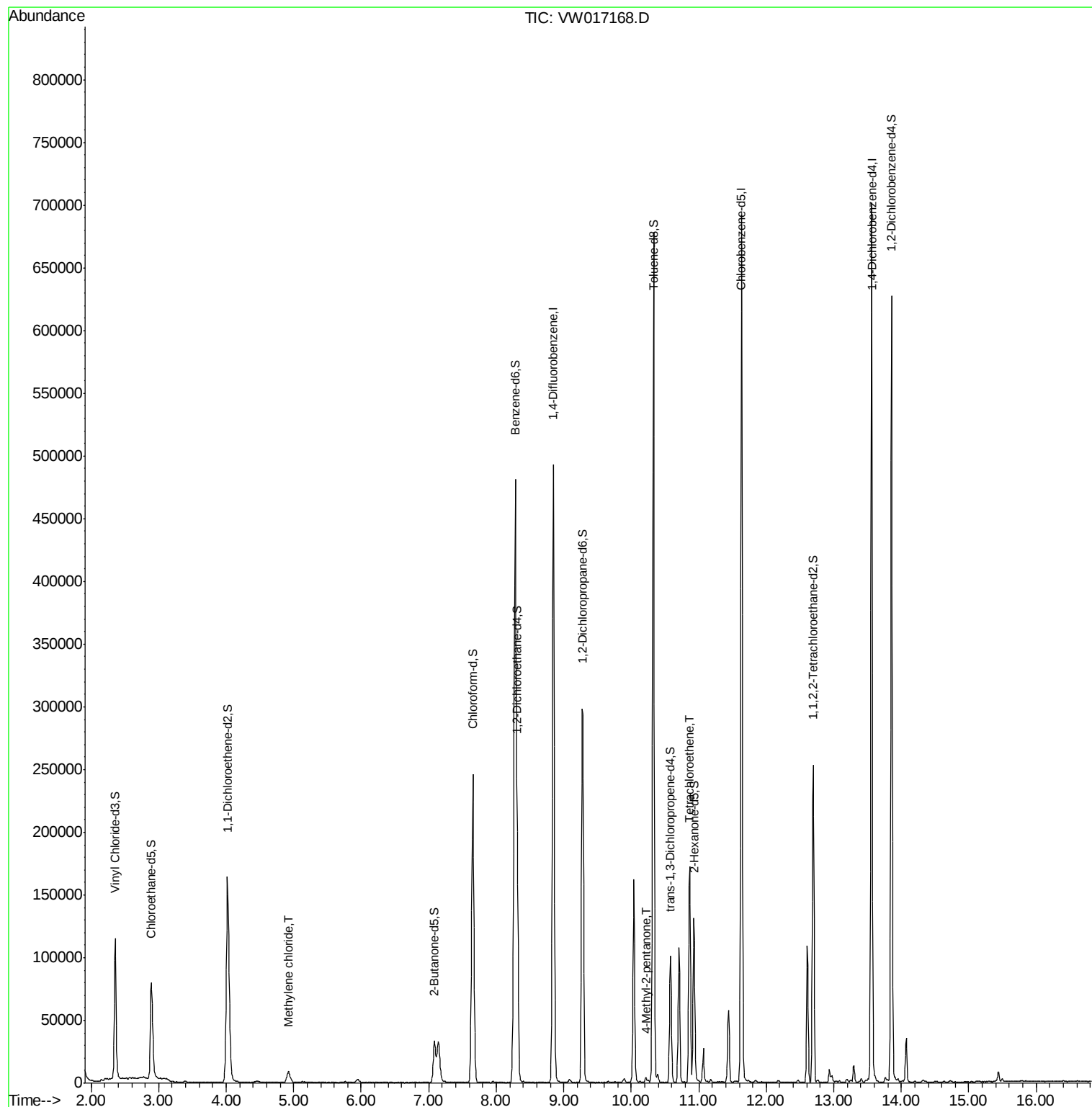
					Ovalue
16) Methylene chloride	4.93	84	7816	1.314 ug/L	99
43) 4-Methyl-2-pentanone	10.22	43	2757	0.888 ug/L #	92
47) Tetrachloroethene	10.87	164	39866	7.324 ug/L	90

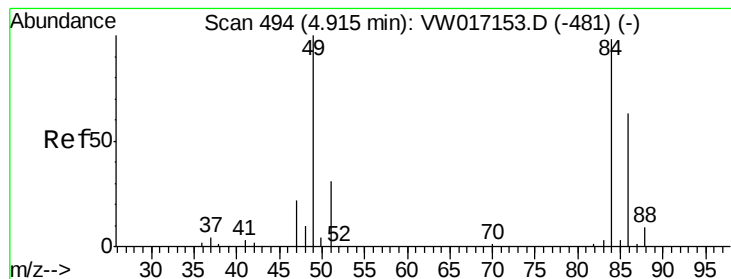
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 1.314 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

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ClientSampleId :

VIBLK26

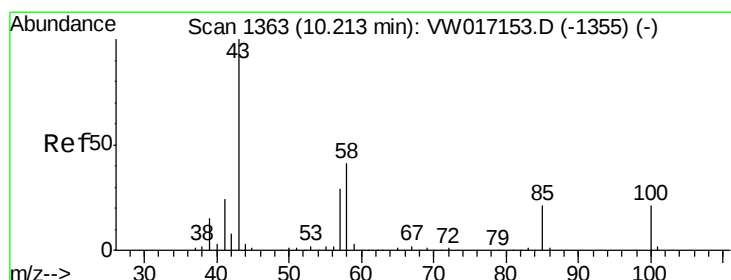
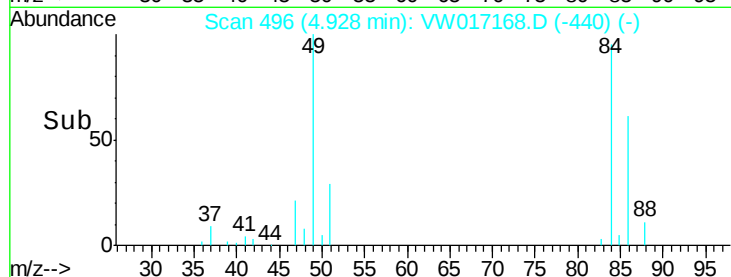
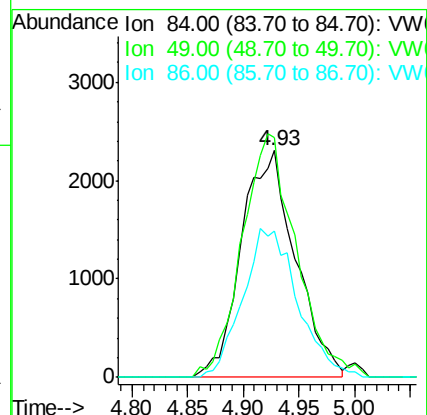
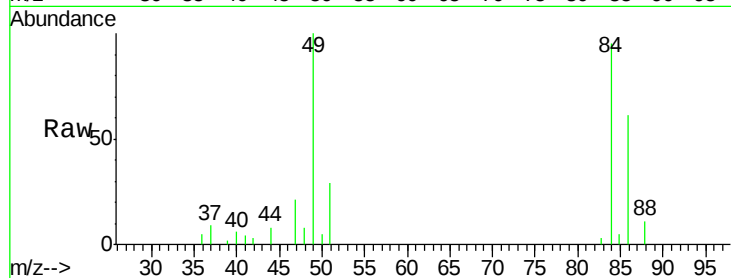
Tot Ion: 84 Resp: 7816

Ion Ratio Lower Upper

84 100

49 105.6 72.3 134.3

86 64.4 45.1 83.7



#43

4-Methyl-2-pentanone

Concen: 0.888 ug/L

RT: 10.22 min Scan# 1364

Delta R.T. 0.01 min

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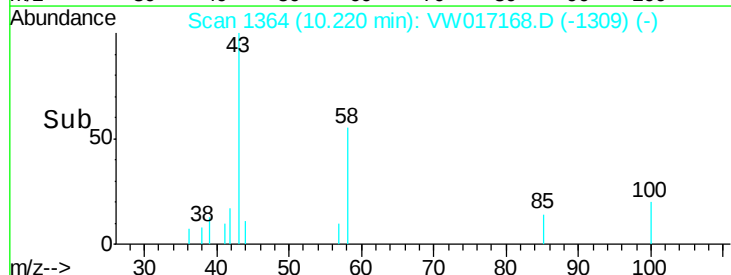
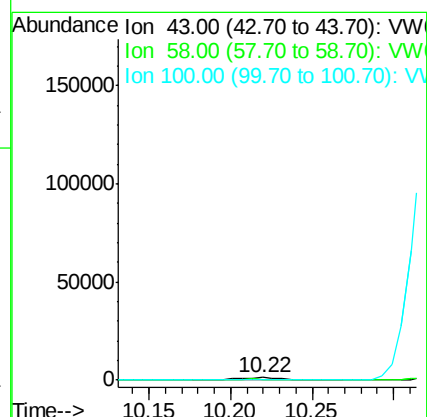
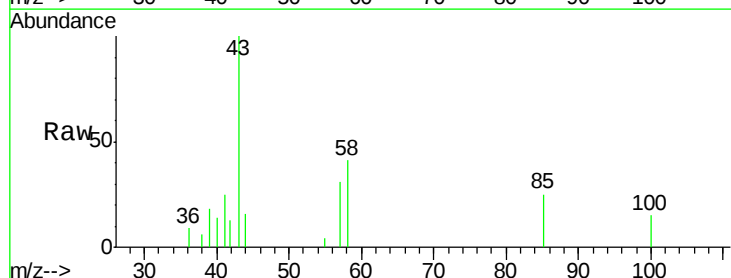
Tgt Ion: 43 Resp: 2757

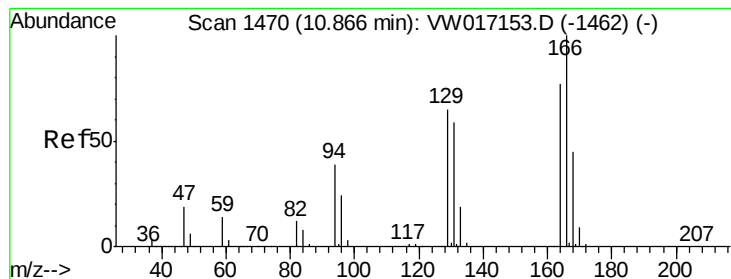
Ion Ratio Lower Upper

43 100

58 42.4 35.0 52.6

100 11.2 16.6 24.8#





#47

Tetrachloroethene

Concen: 7.324 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW017168.D

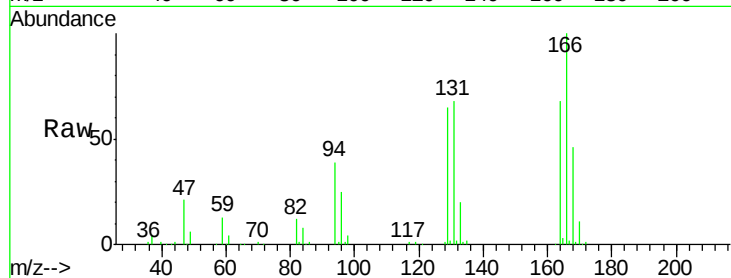
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Tot Ion:164 Resp: 39866

Ion Ratio Lower Upper

164 100

129 95.4 62.9 116.7

131 99.2 63.3 117.5

166 146.6 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

