

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011121\
 Data File : VW017820.D
 Acq On : 11 Jan 2021 15:38
 Operator : SY/VA
 Sample : M1074-08
 Misc : 5.83G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFT47

Quant Time: Jan 12 06:17:16 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 12 05:24:59 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	328802	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	297168	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	137713	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	119679	23.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.08%
7) Chloroethane-d5	2.89	69	97057	23.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.48%
10) 1,1-Dichloroethene-d2	4.02	63	160668	18.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.52%
20) 2-Butanone-d5	7.08	46	42375	51.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.78%
24) Chloroform-d	7.65	84	199713	23.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.96%
26) 1,2-Dichloroethane-d4	8.31	65	115759	26.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.12%
29) Benzene-d6	8.27	84	400474	23.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.68%
33) 1,2-Dichloropropane-d6	9.27	67	114129	24.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.92%
37) Toluene-d8	10.32	98	371057	23.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.32%
38) trans-1,3-Dichloropropene-	10.58	79	46650	22.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.72%
39) 2-Hexanone-d5	10.93	63	29767	51.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	79200	23.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	109851	22.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.64%

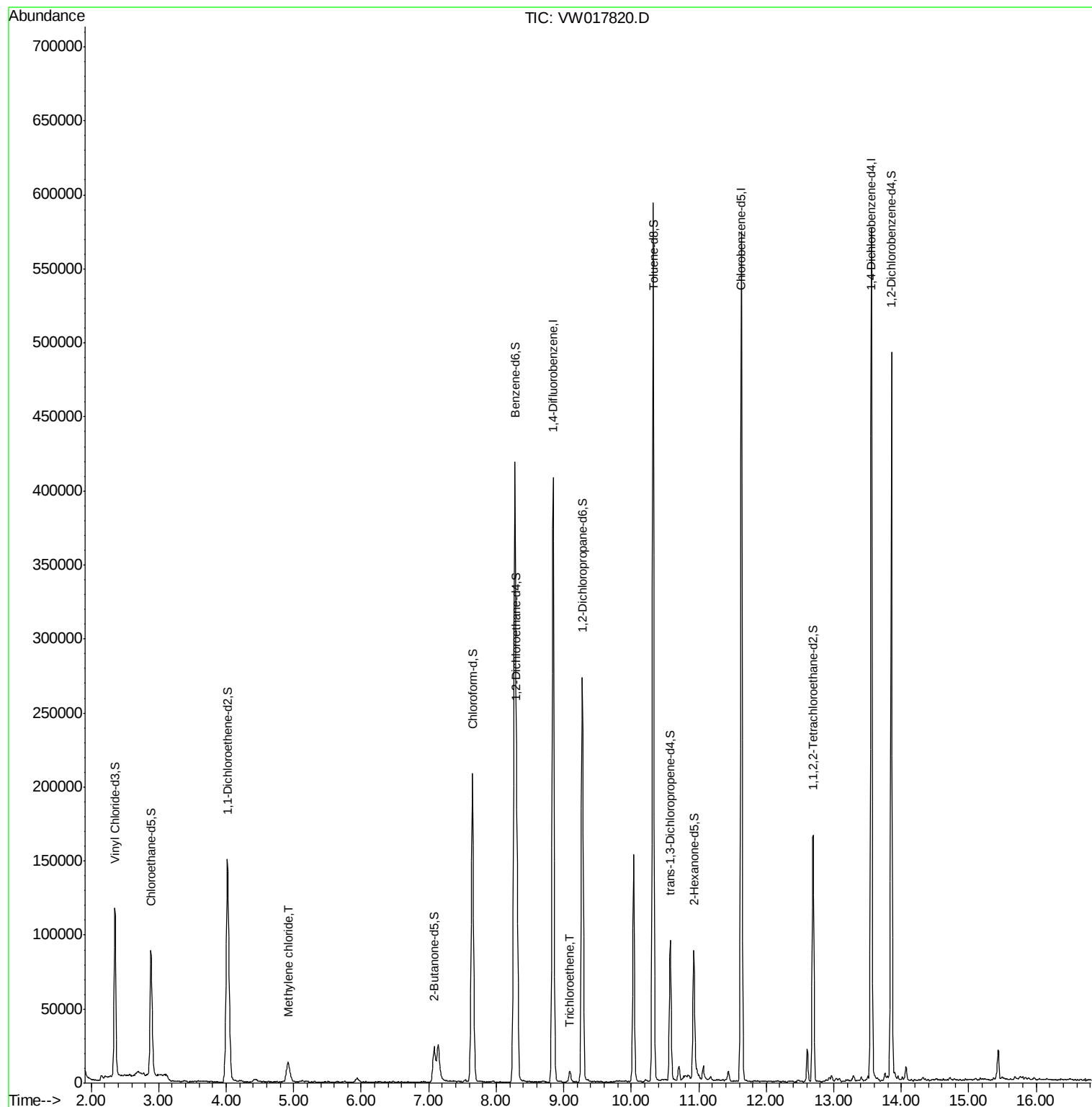
Target Compounds					Ovalue
16) Methylene chloride	4.92	84	10834	2.304 ug/L	95
35) Trichloroethene	9.09	95	2166	0.461 ug/L #	82

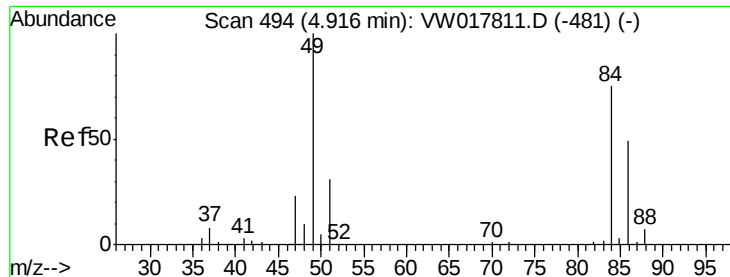
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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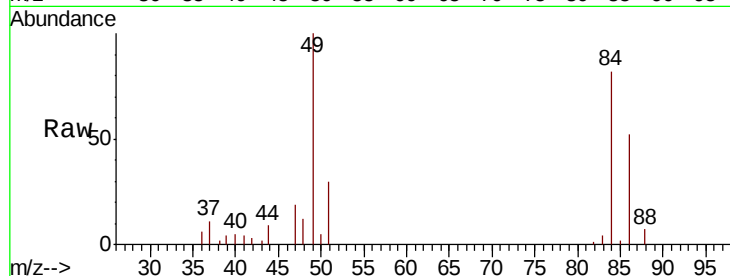




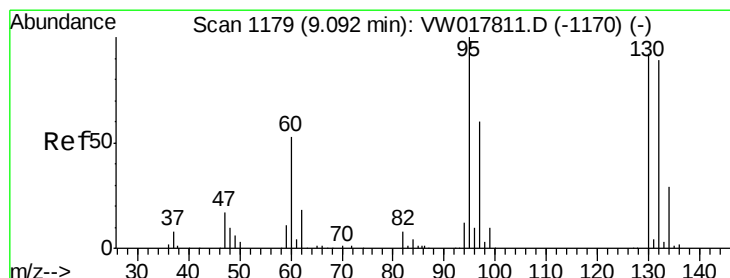
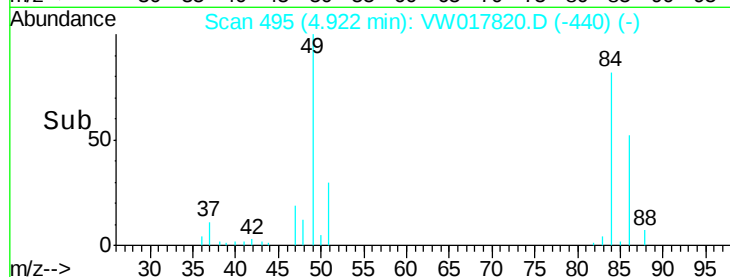
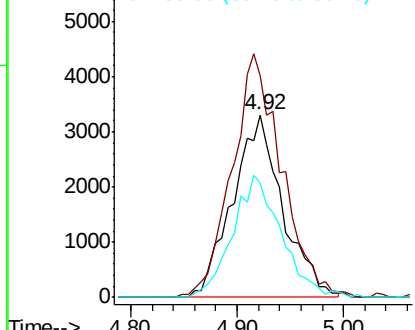
#16
Methvlene chloride
Concen: 2.304 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW017820.D
Acq: 11 Jan 2021 15:38

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Tot Ion: 84 Resp: 10834
Ion Ratio Lower Upper
84 100
49 122.0 90.5 168.1
86 62.9 44.8 83.2

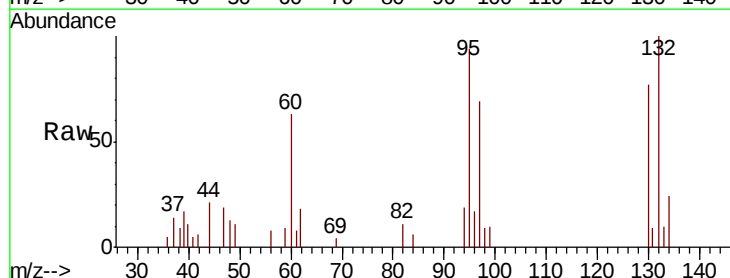


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW



#35
Trichloroethene
Concen: 0.461 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW017820.D
Acq: 11 Jan 2021 15:38

Tgt Ion: 95 Resp: 2166
Ion Ratio Lower Upper
95 100
97 60.8 46.8 87.0
132 97.9 68.3 126.9
130 60.4 71.8 133.4#



Abundance Ion 95.00 (94.70 to 95.70): VW
Ion 97.00 (96.70 to 97.70): VW
Ion 132.00 (131.70 to 132.70): V
Ion 130.00 (129.70 to 130.70): V

