

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081720\
 Data File : VW016211.D
 Acq On : 17 Aug 2020 12:27
 Operator : SY/VA
 Sample : L3702-04
 Misc : 6.37G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSK7

Quant Time: Aug 18 03:51:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 18 03:20:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	467387	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	420289	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	173307	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	103191	17.81	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.24%
7) Chloroethane-d5	2.89	69	83611	19.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.04%
10) 1,1-Dichloroethene-d2	4.01	63	178508	14.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.00%
20) 2-Butanone-d5	7.09	46	42188	27.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	55.34%
24) Chloroform-d	7.65	84	244163	19.47	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.88%
26) 1,2-Dichloroethane-d4	8.31	65	113643	17.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	68.24%#
29) Benzene-d6	8.28	84	492567	21.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.16%
33) 1,2-Dichloropropane-d6	9.28	67	141015	20.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.88%
37) Toluene-d8	10.33	98	442576	21.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.44%
38) trans-1,3-Dichloropropene-	10.58	79	54931	18.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.72%
39) 2-Hexanone-d5	10.93	63	35764	30.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	95202	17.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	69.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	134805	21.94	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.76%

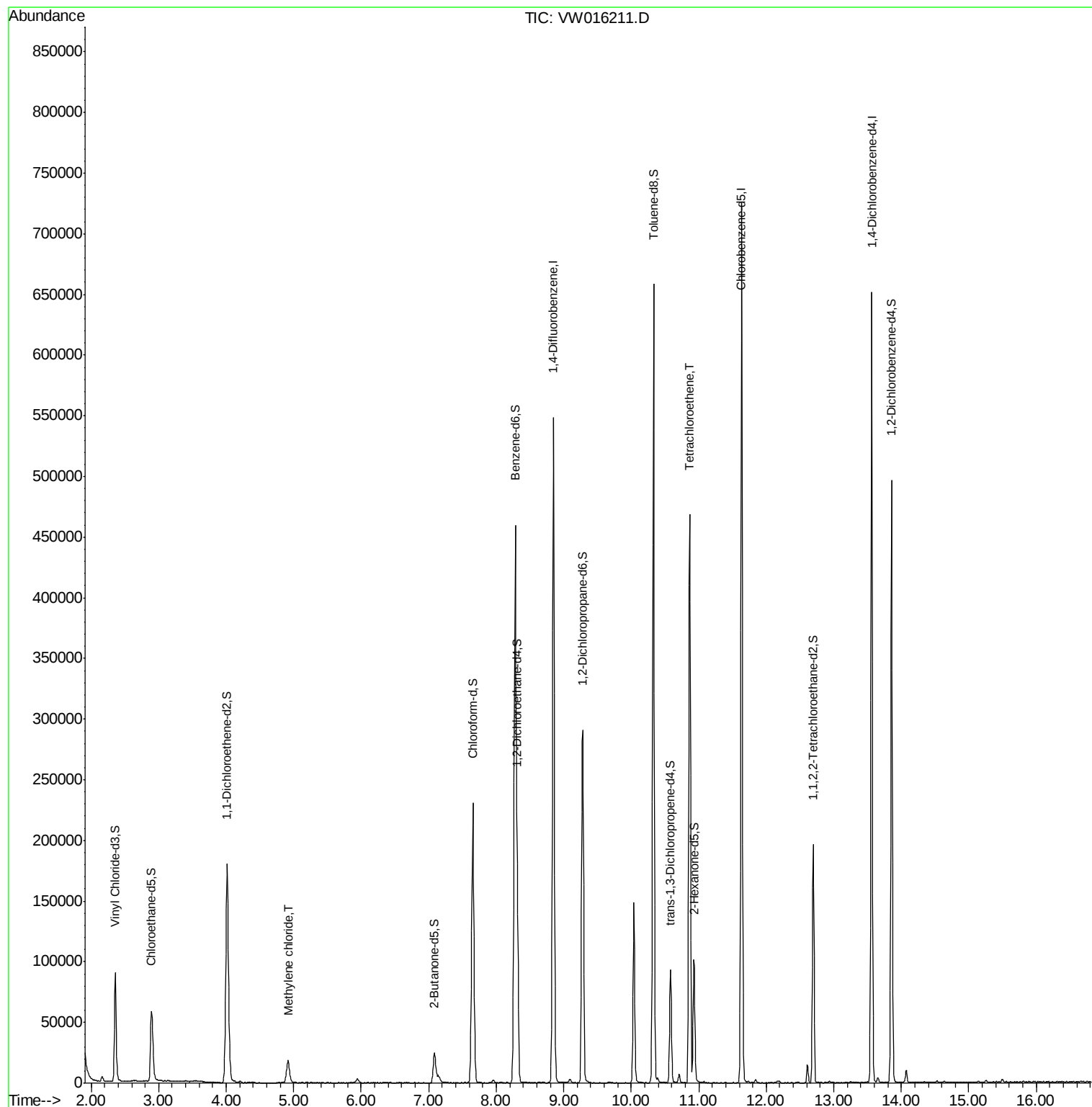
Target Compounds					Ovalue
16) Methylene chloride	4.91	84	15039	2.038 ug/L	98
47) Tetrachloroethene	10.87	164	106027	21.702 ug/L	96

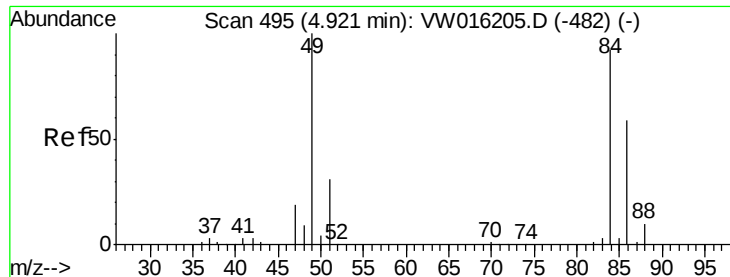
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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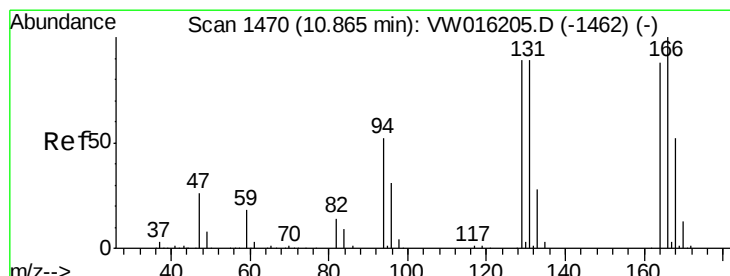
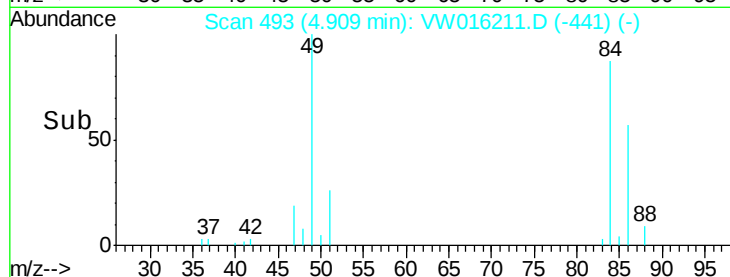
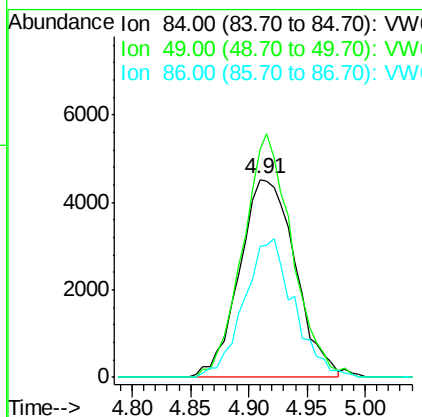
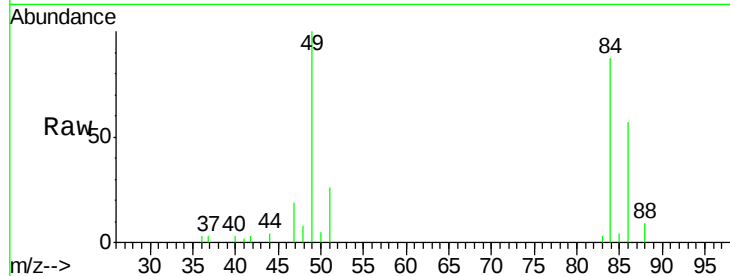




#16
Methylene chloride
Concen: 2.038 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW016211.D
Acq: 17 Aug 2020 12:27

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Tot Ion: 84 Resp: 15039
Ion Ratio Lower Upper
84 100
49 115.2 80.4 149.4
86 66.0 43.8 81.3



#47
Tetrachloroethene
Concen: 21.702 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016211.D
Acq: 17 Aug 2020 12:27

Tgt Ion: 164 Resp: 106027
Ion Ratio Lower Upper
164 100
129 97.9 71.5 132.9
131 99.1 65.4 121.4
166 127.5 86.9 161.5

