

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091120\
 Data File : VW016541.D
 Acq On : 11 Sep 2020 11:31
 Operator : SY/VA
 Sample : L3950-14
 Misc : 6.43G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFWZ4

Quant Time: Sep 12 07:34:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 12 07:12:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	631479	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	567865	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	238593	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	126735	18.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.68%
7) Chloroethane-d5	2.90	69	127454	21.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.76%
10) 1,1-Dichloroethene-d2	4.03	63	181700	11.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.20%
20) 2-Butanone-d5	7.09	46	64842	27.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	54.20%
24) Chloroform-d	7.65	84	300266	20.30	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.20%
26) 1,2-Dichloroethane-d4	8.31	65	158102	19.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.20%
29) Benzene-d6	8.28	84	542245	18.78	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.12%
33) 1,2-Dichloropropane-d6	9.28	67	162986	19.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	76.88%
37) Toluene-d8	10.33	98	492344	17.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.76%
38) trans-1,3-Dichloropropene-	10.58	79	76177	17.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.20%
39) 2-Hexanone-d5	10.93	63	54965	31.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	128365	17.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	71.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	181505	22.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.04%

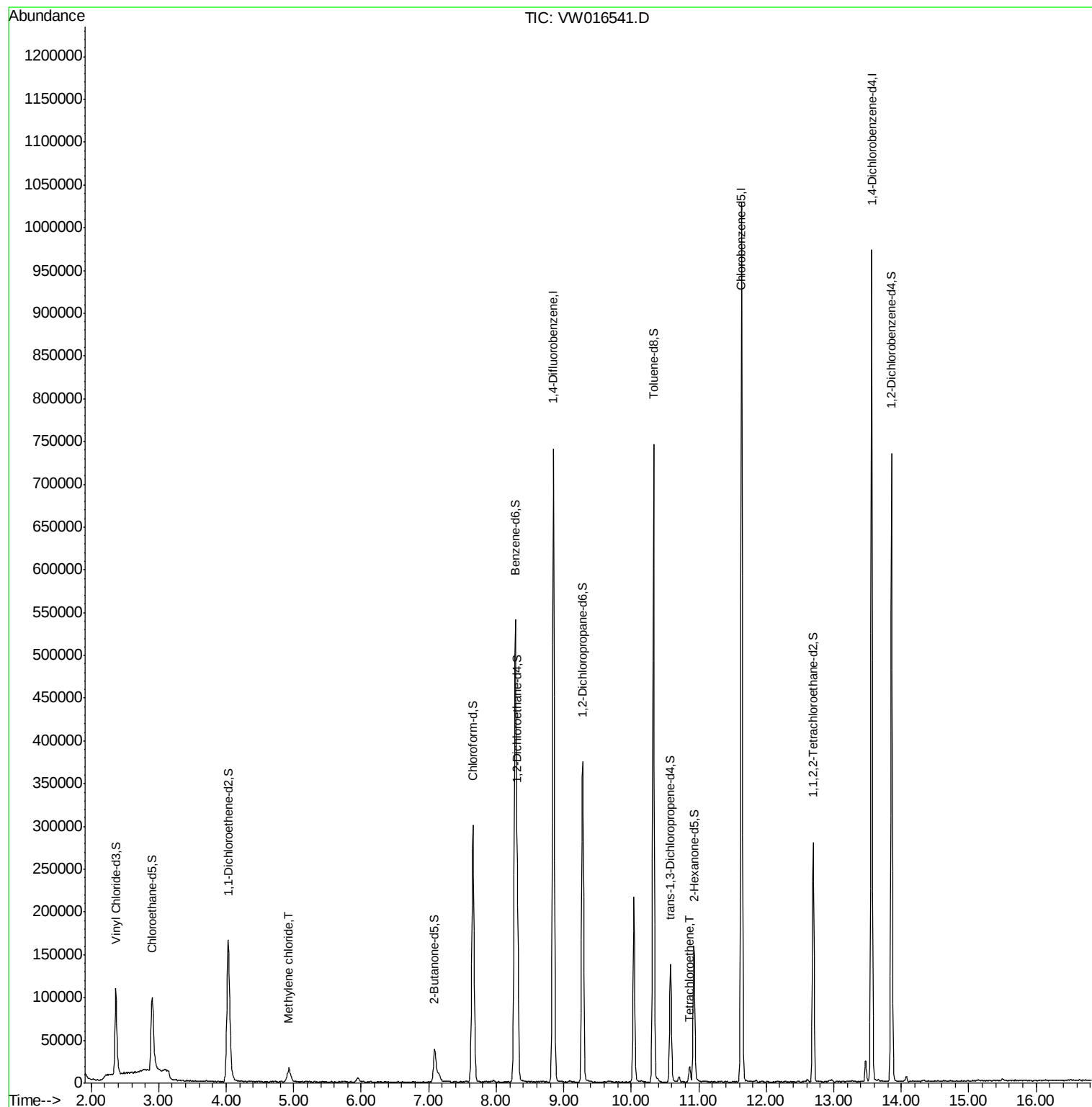
Target Compounds				Ovalue
16) Methylene chloride	4.93	84	13298	1.349 ug/L 93
47) Tetrachloroethene	10.86	164	3564	0.517 ug/L 90

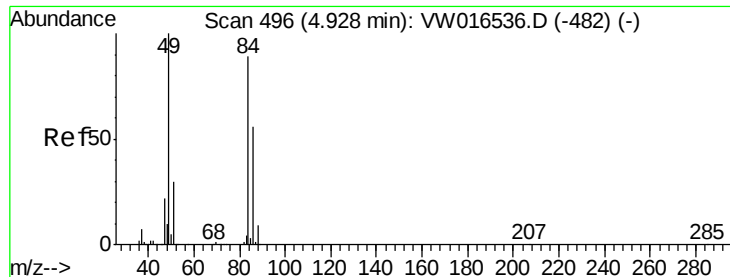
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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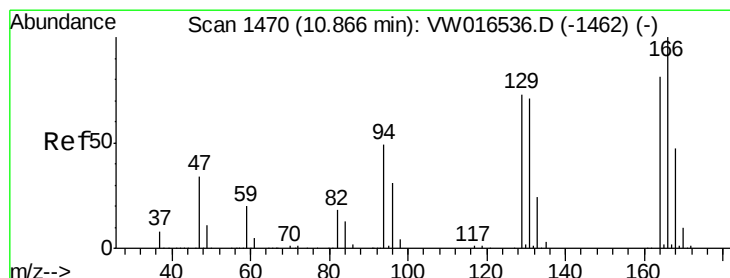
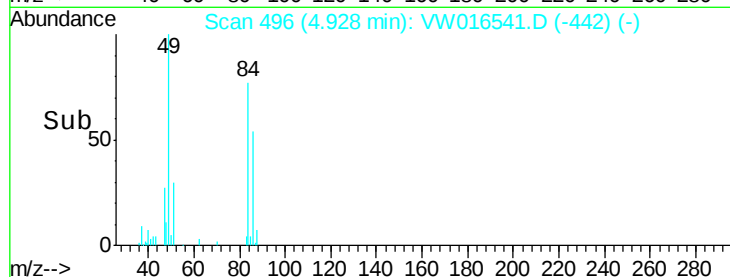
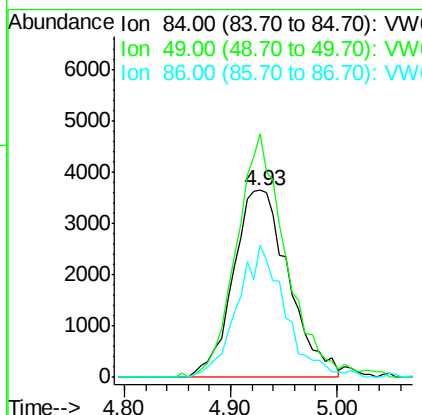
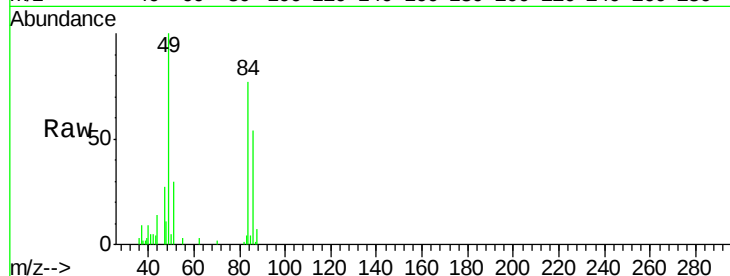




#16
Methvlene chloride
Concen: 1.349 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.00 min
Lab File: VW016541.D
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Tot Ion: 84 Resp: 13298
Ion Ratio Lower Upper
84 100
49 130.4 86.7 160.9
86 71.0 44.9 83.5



#47
Tetrachloroethene
Concen: 0.517 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW016541.D
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Tgt Ion: 164 Resp: 3564
Ion Ratio Lower Upper
164 100
129 79.4 65.7 121.9
131 88.4 61.1 113.5
166 135.1 85.0 157.8

