

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101620\
 Data File : VW016913.D
 Acq On : 15 Oct 2020 15:46
 Operator : SY/VA
 Sample : L4421-17
 Misc : 6.32G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG1A3

Quant Time: Oct 16 08:53:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 16 08:07:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	594806	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	534101	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	254142	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	125573	21.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.60%
7) Chloroethane-d5	2.90	69	108314	22.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.00%
10) 1,1-Dichloroethene-d2	4.02	63	194550	15.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.44%
20) 2-Butanone-d5	7.09	46	57733	43.44	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.88%
24) Chloroform-d	7.65	84	293053	23.35	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	8.31	65	147333	24.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.20%
29) Benzene-d6	8.27	84	591697	24.39	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.56%
33) 1,2-Dichloropropane-d6	9.27	67	164846	25.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.16%
37) Toluene-d8	10.33	98	558203	24.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.56%
38) trans-1,3-Dichloropropene-	10.58	79	64665	22.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.96%
39) 2-Hexanone-d5	10.93	63	47218	46.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	124696	23.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	205001	25.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.72%

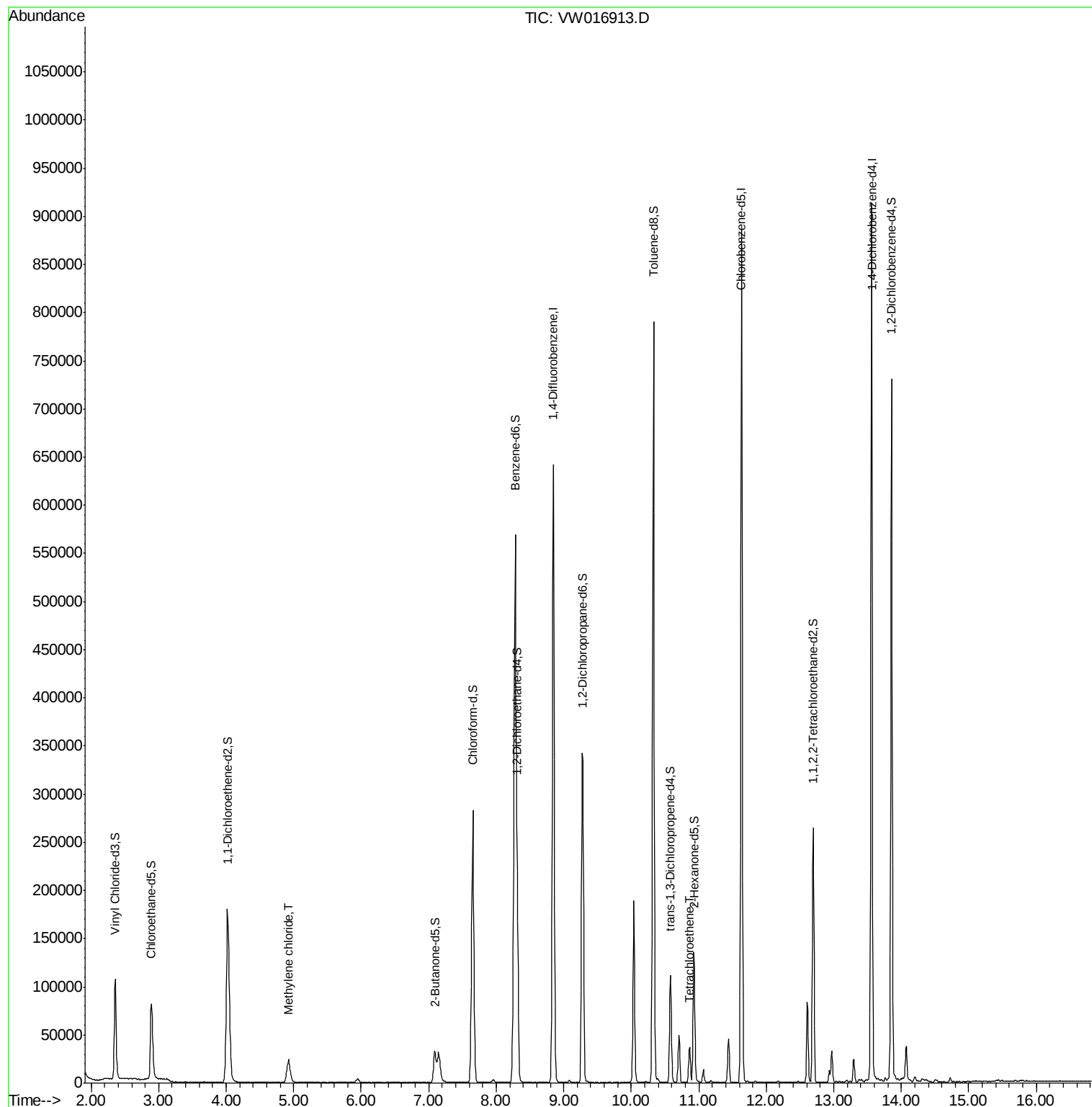
Target Compounds					Ovalue
16) Methylene chloride	4.92	84	22583	2.751 ug/L	91
47) Tetrachloroethene	10.87	164	8681	1.154 ug/L	85

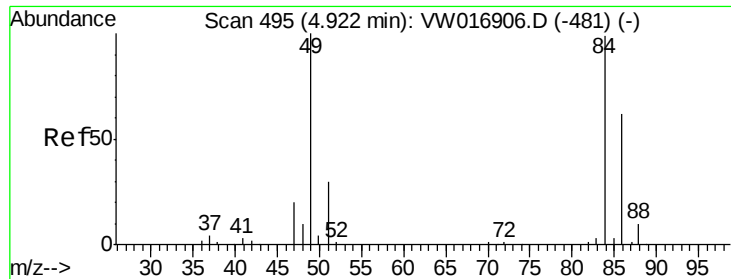
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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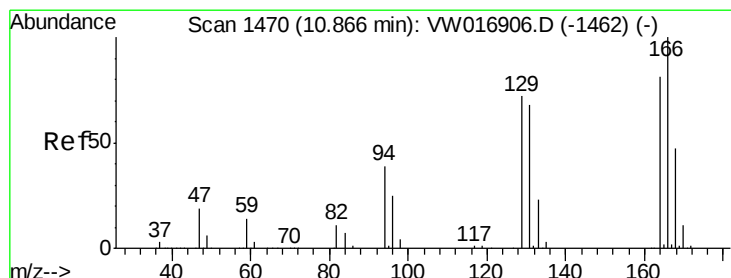
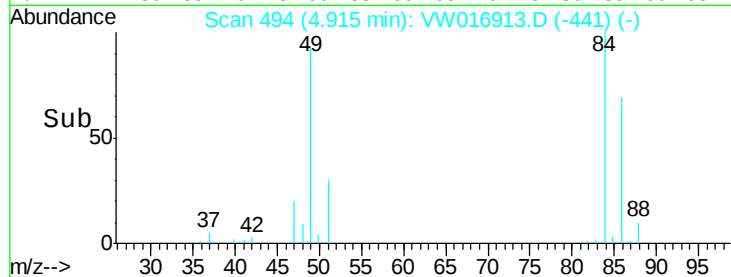
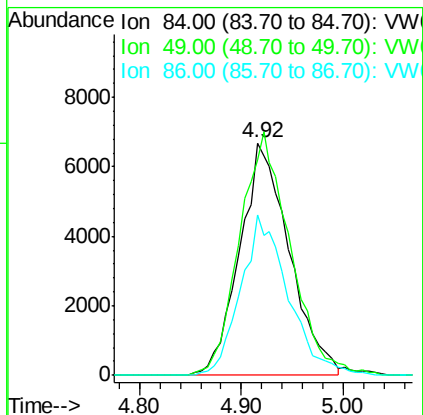
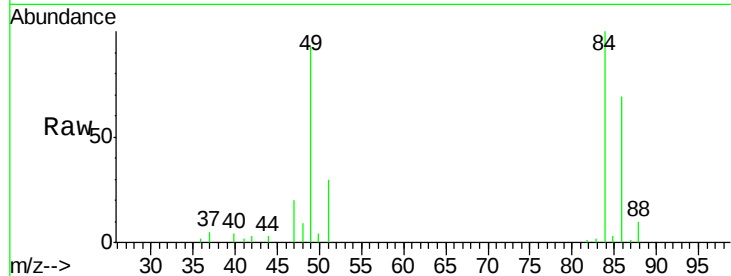




#16
Methylene chloride
Concen: 2.751 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW016913.D
Acq: 15 Oct 2020 15:46

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Tot Ion: 84 Resp: 22583
Ion Ratio Lower Upper
84 100
49 92.5 73.1 135.8
86 69.1 46.0 85.4



#47
Tetrachloroethene
Concen: 1.154 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016913.D
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Tgt Ion: 164 Resp: 8681
Ion Ratio Lower Upper
164 100
129 99.7 61.7 114.7
131 100.9 59.7 110.9
166 144.5 88.3 164.1

