

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081119\
 Data File : VW011813.D
 Acq On : 09 Aug 2019 15:14
 Operator : SY/VA
 Sample : K4215-18
 Misc : 5.02G/10ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETOD3

Quant Time: Aug 10 03:47:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 10 03:43:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	256723	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	174835	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	45110	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	70856	19.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.40%
7) Chloroethane-d5	2.89	69	56292	21.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.48%
10) 1,1-Dichloroethene-d2	4.01	63	124728	15.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.20%
20) 2-Butanone-d5	7.08	46	77271	47.47	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.94%
24) Chloroform-d	7.65	84	149618	21.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.88%
26) 1,2-Dichloroethane-d4	8.31	65	95177	22.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.24%
29) Benzene-d6	8.27	84	293061	26.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.64%
33) 1,2-Dichloropropane-d6	9.27	67	99361	28.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.00%
37) Toluene-d8	10.32	98	218418	22.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.52%
38) trans-1,3-Dichloropropene-	10.58	79	32168	20.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.72%
39) 2-Hexanone-d5	10.93	63	47727	57.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	78330	26.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	38269	22.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.04%

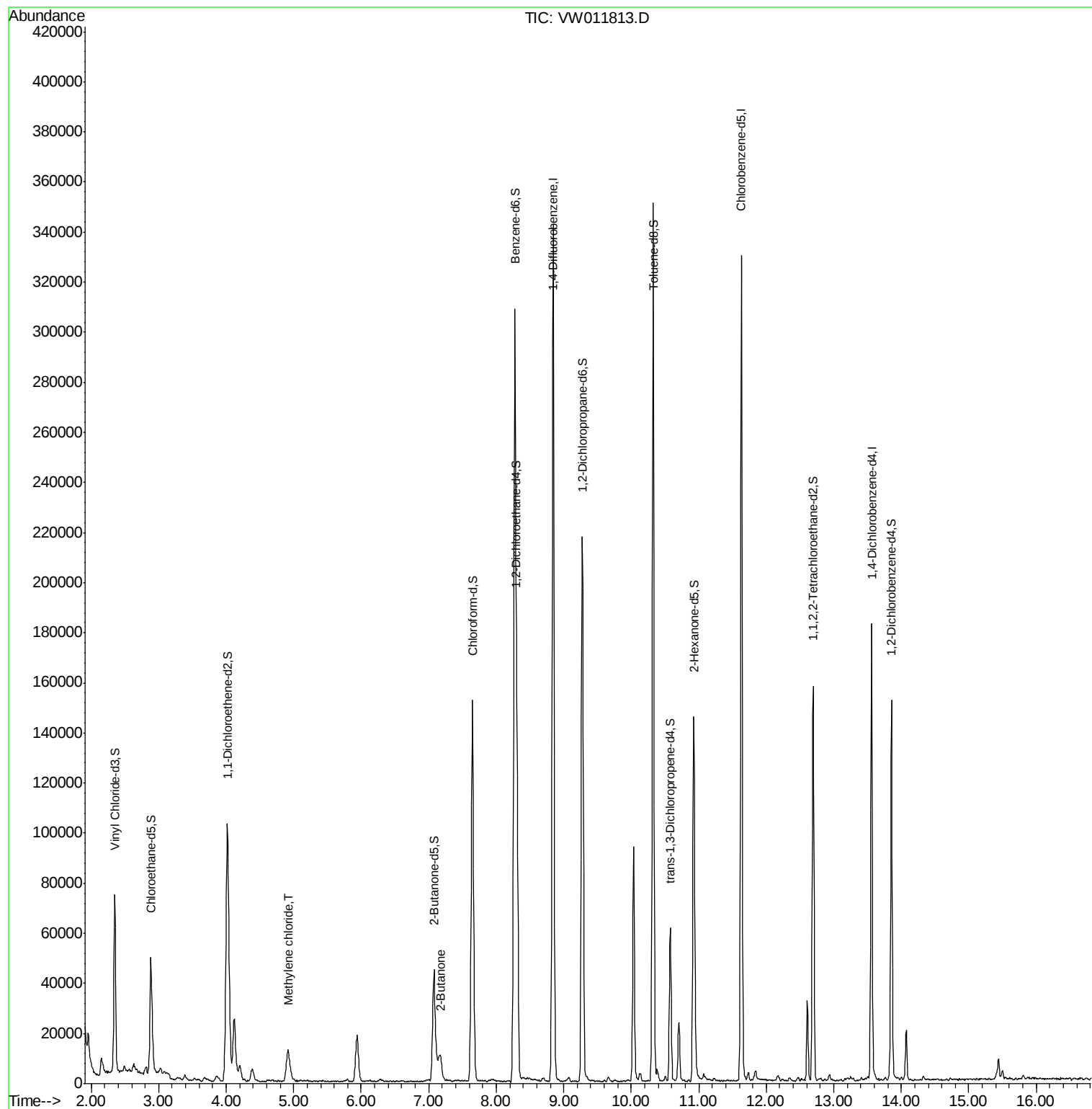
Target Compounds					Qvalue
16) Methylene chloride	4.92	84	9616	2.400 ug/L	87
21) 2-Butanone	7.17	43	17613	8.058 ug/L	93

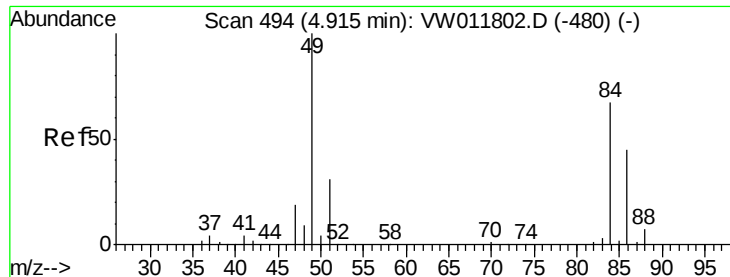
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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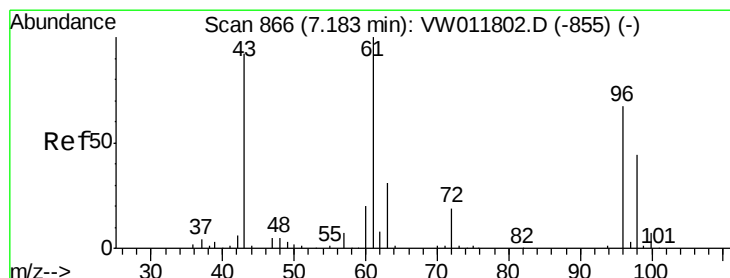
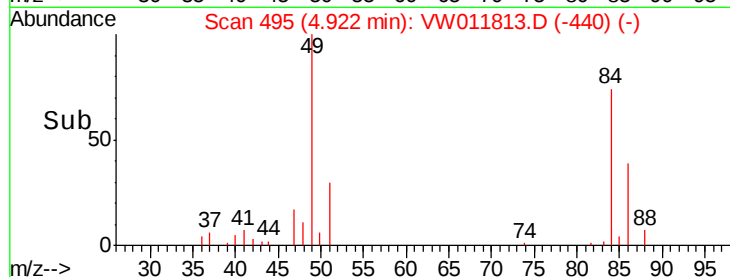
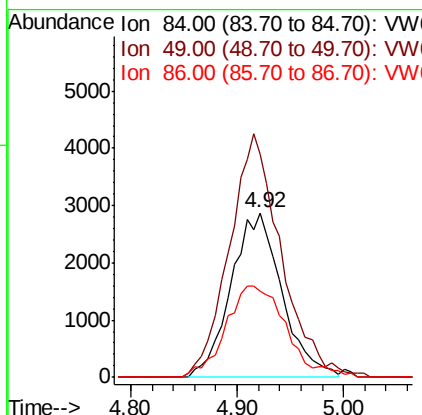
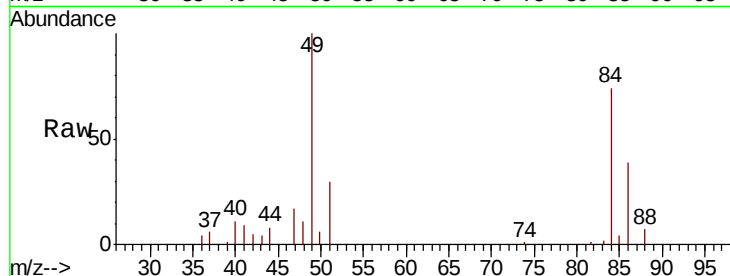




#16
Methylene chloride
Concen: 2.400 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
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Tgt Ion: 84 Resp: 9616
Ion Ratio Lower Upper
84 100
49 135.4 106.8 198.4
86 52.2 42.8 79.4



#21
2-Butanone
Concen: 8.058 ug/L
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
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Tgt Ion: 43 Resp: 17613
Ion Ratio Lower Upper
43 100
72 18.1 10.7 32.1

