

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021120\
 Data File : VW014957.D
 Acq On : 11 Feb 2020 11:34
 Operator : SY/VA
 Sample : L1416-01
 Misc : 4.59G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 12 00:14:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 12 00:12:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	537958	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	515606	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	177862	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	161285	18.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.44%
7) Chloroethane-d5	2.89	69	164500	23.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.28%
10) 1,1-Dichloroethene-d2	4.01	63	268290	16.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.96%
20) 2-Butanone-d5	7.08	46	104606	41.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.70%
24) Chloroform-d	7.65	84	406427	26.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.44%
26) 1,2-Dichloroethane-d4	8.31	65	223766	26.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.88%
29) Benzene-d6	8.27	84	754182	22.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.00%
33) 1,2-Dichloropropane-d6	9.27	67	273762	25.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.36%
37) Toluene-d8	10.32	98	614669	21.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.24%
38) trans-1,3-Dichloropropene-	10.58	79	82008	19.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.88%
39) 2-Hexanone-d5	10.93	63	65259	33.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	169371	20.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	165108	23.94	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.76%

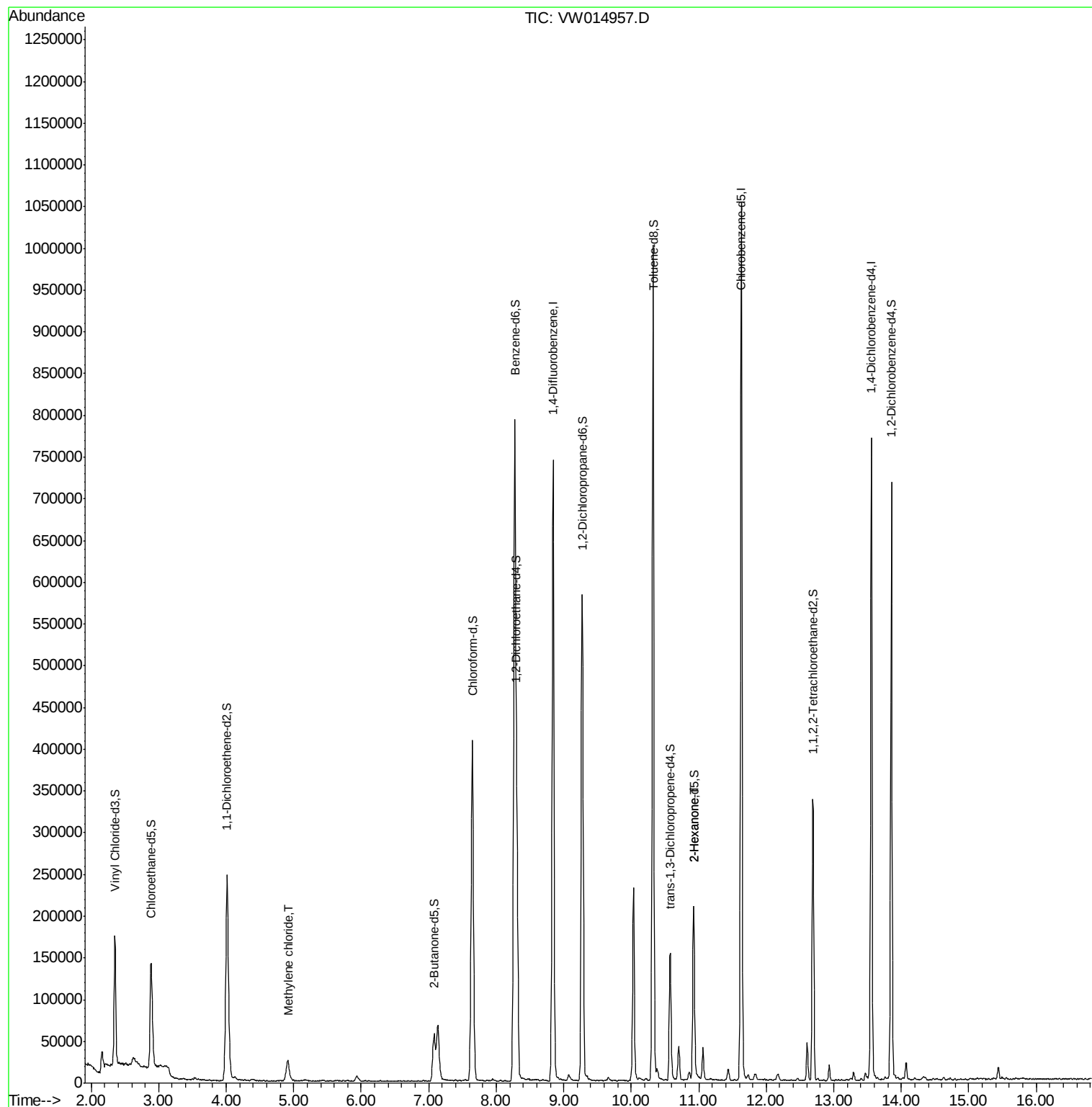
Target Compounds					Ovalue
16) Methylene chloride	4.92	84	16905	1.725 ug/L	94
49) 2-Hexanone	10.92	43	10432	2.387 ug/L #	68

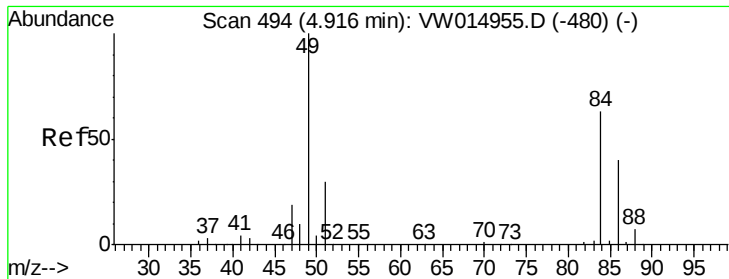
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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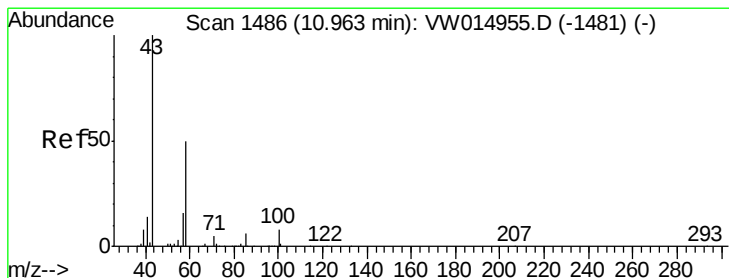
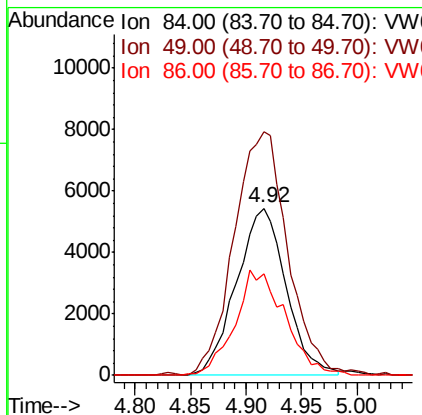
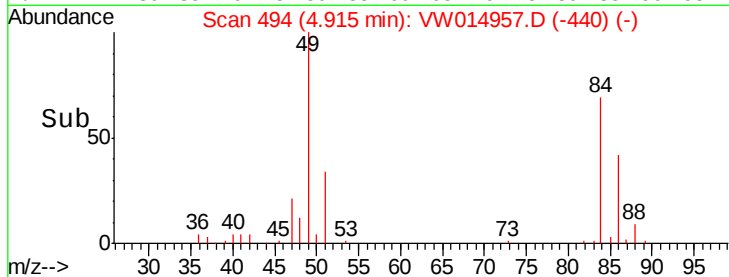
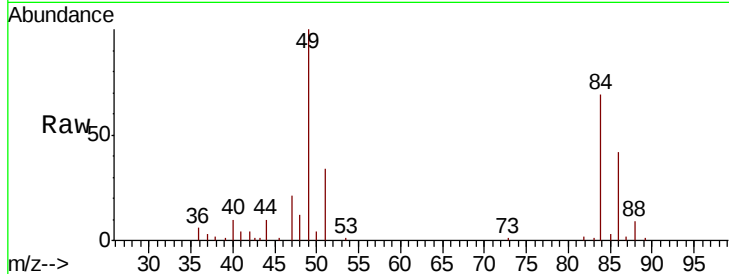




#16
Methvlene chloride
Concen: 1.725 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW014957.D
Acq: 11 Feb 2020 11:34

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 84 Resp: 16905
Ion Ratio Lower Upper
84 100
49 145.7 95.8 177.8
86 60.7 44.2 82.2



#49
2-Hexanone
Concen: 2.387 ug/L
RT: 10.92 min Scan# 1479
Delta R.T. -0.04 min
Lab File: VW014957.D
Acq: 11 Feb 2020 11:34

Tgt Ion: 43 Resp: 10432
Ion Ratio Lower Upper
43 100
58 29.9 42.2 63.2#
57 35.6 14.5 21.7#
100 3.7 8.6 12.8#

