

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080720\
 Data File : VW016086.D
 Acq On : 07 Aug 2020 21:45
 Operator : SY/VA
 Sample : L3564-08
 Misc : 6.51G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSQ2

Quant Time: Aug 08 05:46:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 08 05:08:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	390914	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	366517	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	142936	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	75390	13.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.68%
7) Chloroethane-d5	2.89	69	66533	14.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.40%
10) 1,1-Dichloroethene-d2	4.01	63	127412	11.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	45.68%
20) 2-Butanone-d5	7.08	46	52697	36.37	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.74%
24) Chloroform-d	7.65	84	209537	19.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.36%
26) 1,2-Dichloroethane-d4	8.31	65	109953	18.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	72.96%
29) Benzene-d6	8.27	84	410862	18.42	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.68%
33) 1,2-Dichloropropane-d6	9.27	67	126153	18.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	75.44%
37) Toluene-d8	10.32	98	380315	18.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.28%
38) trans-1,3-Dichloropropene-	10.58	79	50099	17.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.28%
39) 2-Hexanone-d5	10.93	63	46073	41.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	107066	20.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	124502	22.34	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.36%

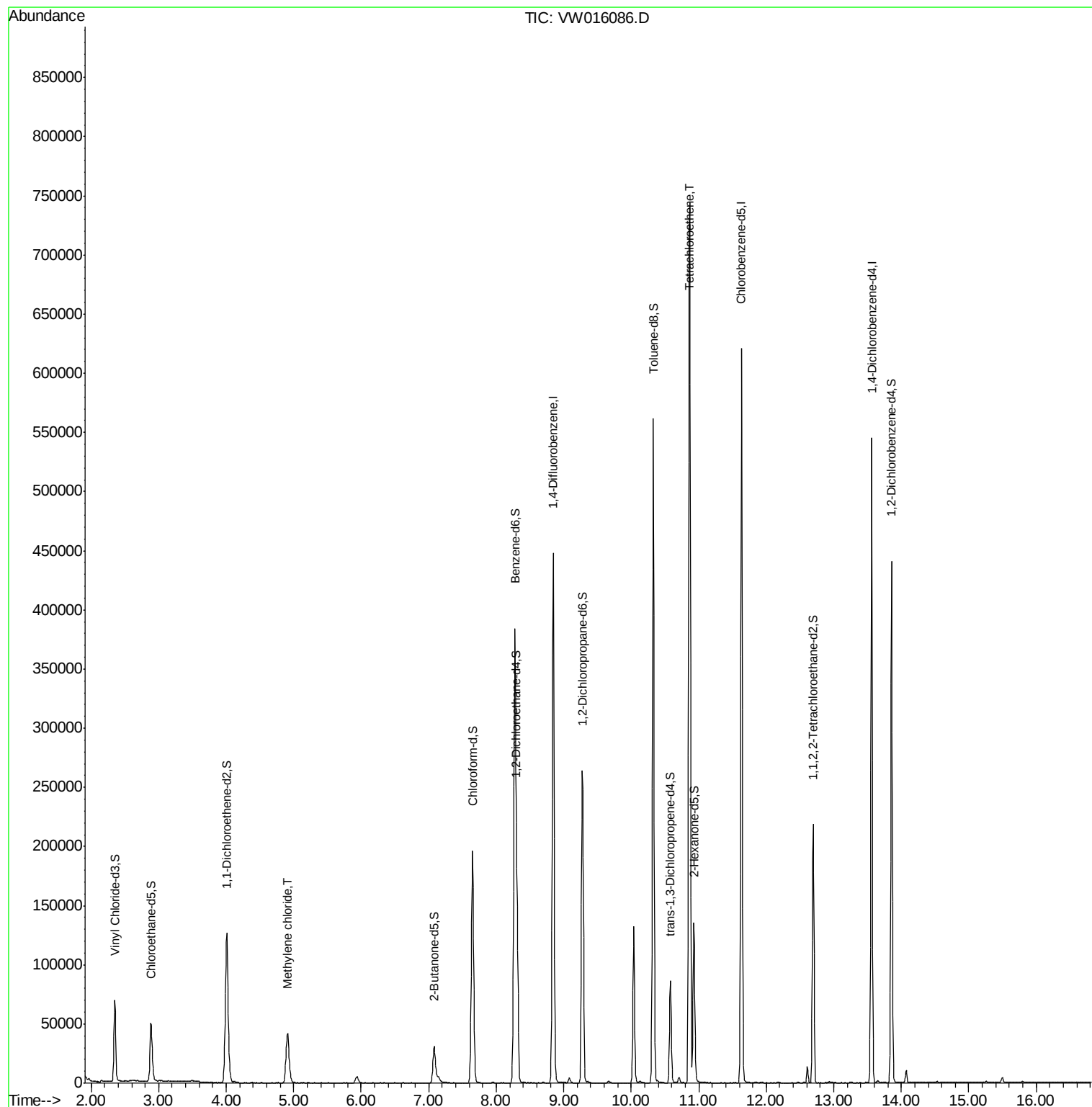
Target Compounds					Ovalue
16) Methylene chloride	4.91	84	36099	5.636 ug/L	87
47) Tetrachloroethene	10.87	164	183669	40.183 ug/L	92

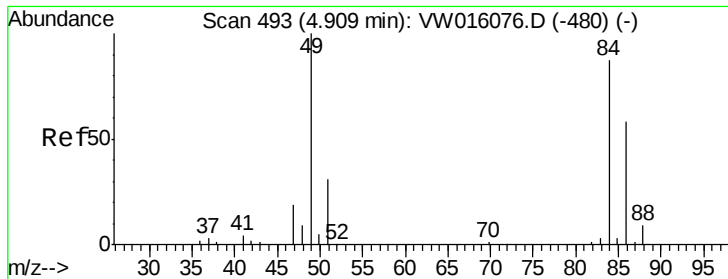
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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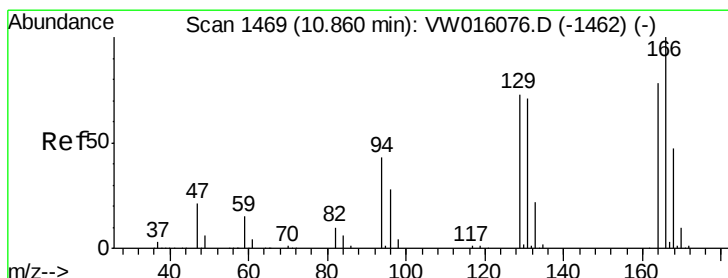
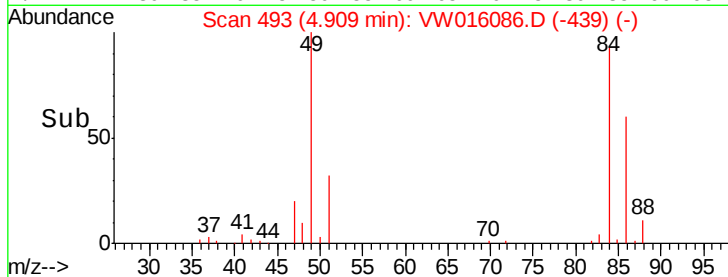
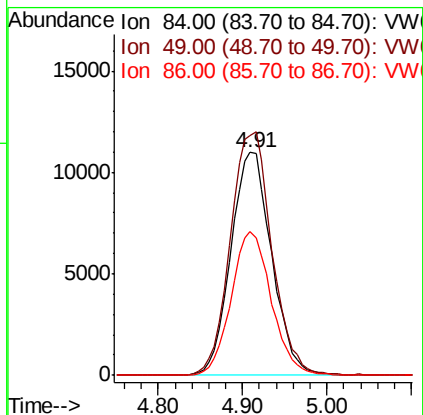
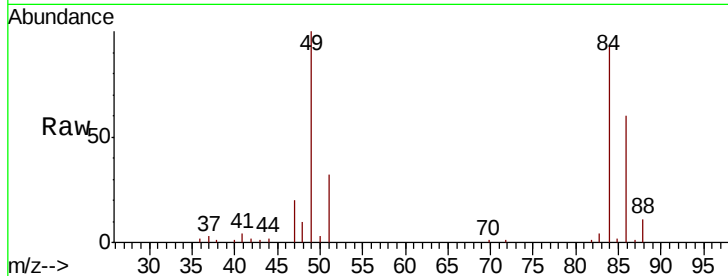




#16
Methylene chloride
Concen: 5.636 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW016086.D
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Tot Ion: 84 Resp: 36099
Ion Ratio Lower Upper
84 100
49 107.3 91.1 169.1
86 64.5 46.0 85.4



#47
Tetrachloroethene
Concen: 40.183 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW016086.D
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Tgt Ion: 164 Resp: 183669
Ion Ratio Lower Upper
164 100
129 92.0 70.0 130.0
131 90.7 67.3 124.9
166 138.2 88.5 164.3

