

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112020\
 Data File : VW017451.D
 Acq On : 21 Nov 2020 05:18
 Operator : SY/VA
 Sample : L4860-19
 Misc : 4.46G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BH7

Quant Time: Nov 21 06:01:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 21 02:27:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	152464	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	132279	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	37056	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	37917	16.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.20%
7) Chloroethane-d5	2.89	69	36324	20.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.04%
10) 1,1-Dichloroethene-d2	4.02	63	51752	13.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.44%
20) 2-Butanone-d5	7.09	46	11850	31.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.94%
24) Chloroform-d	7.65	84	87813	21.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.68%
26) 1,2-Dichloroethane-d4	8.31	65	42162	21.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.16%
29) Benzene-d6	8.27	84	180237	24.17	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.68%
33) 1,2-Dichloropropane-d6	9.27	67	48085	24.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.80%
37) Toluene-d8	10.32	98	116465	16.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.36%
38) trans-1,3-Dichloropropene-	10.58	79	12293	14.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	56.84%
39) 2-Hexanone-d5	10.93	63	7580	28.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	26759	17.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	71.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	32946	24.08	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.32%

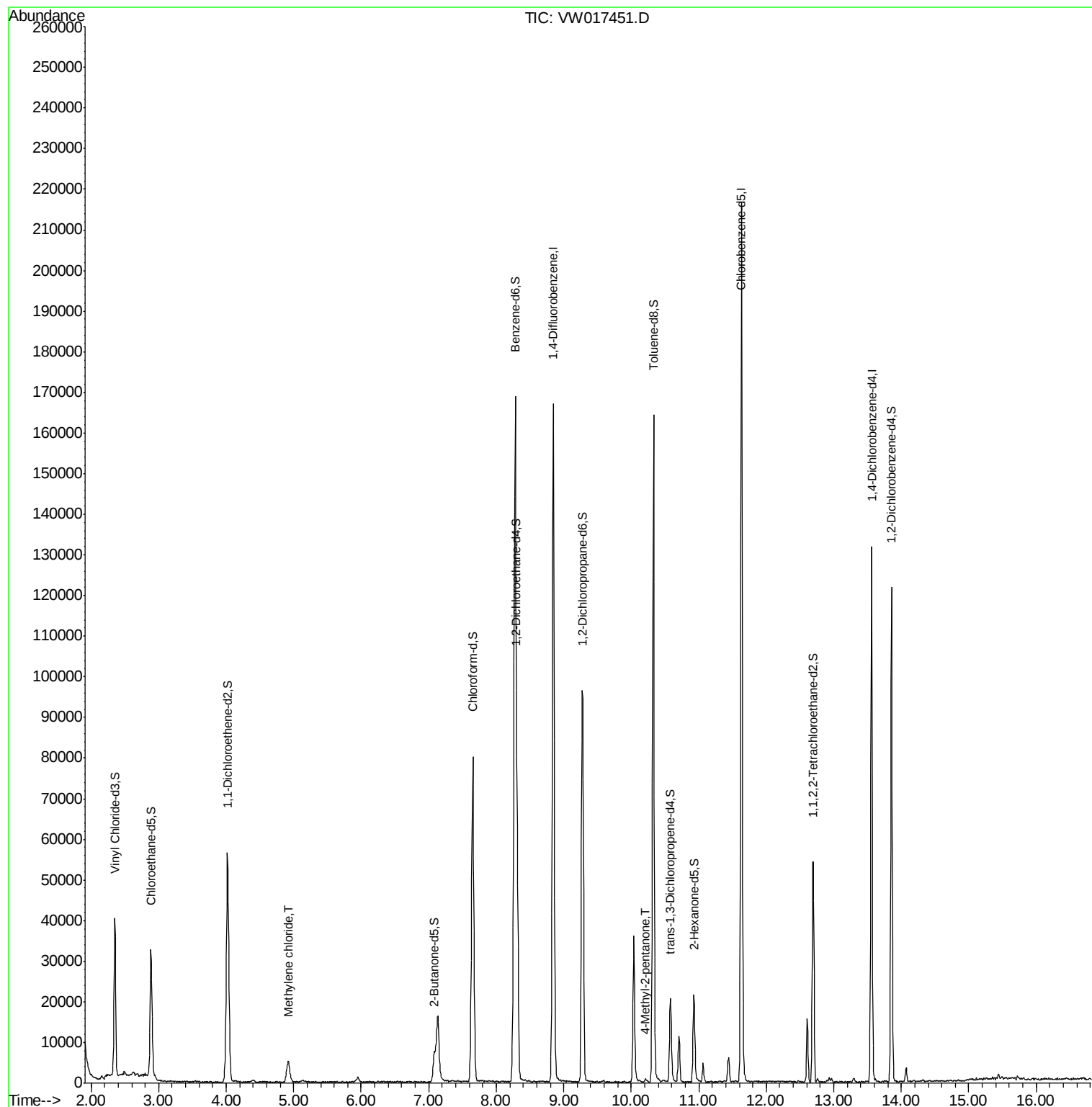
Target Compounds					Ovalue
16) Methylene chloride	4.92	84	4465	1.712 ug/L	92
43) 4-Methyl-2-pentanone	10.22	43	635	0.757 ug/L #	50

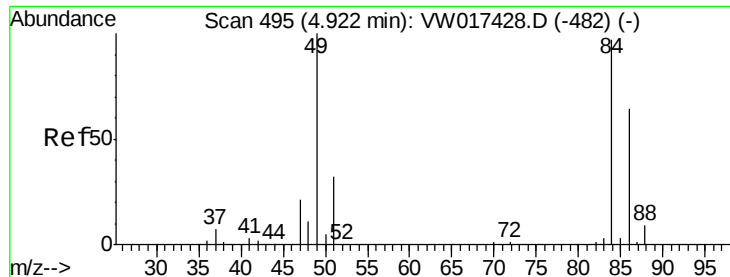
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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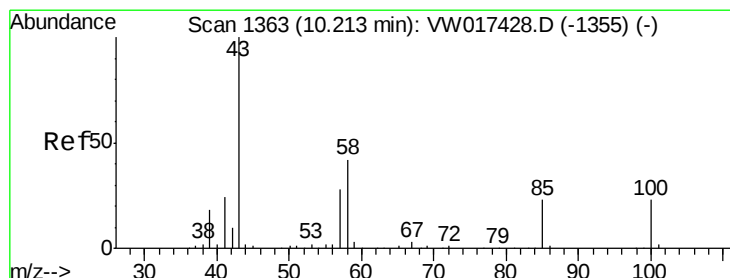
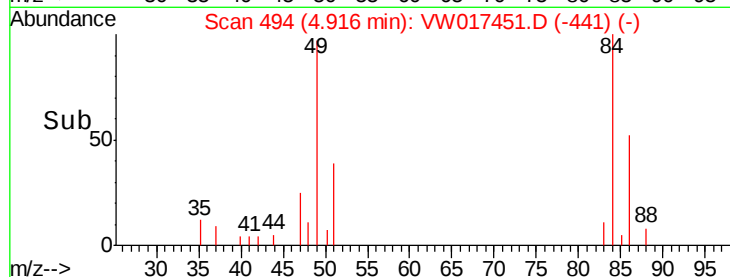
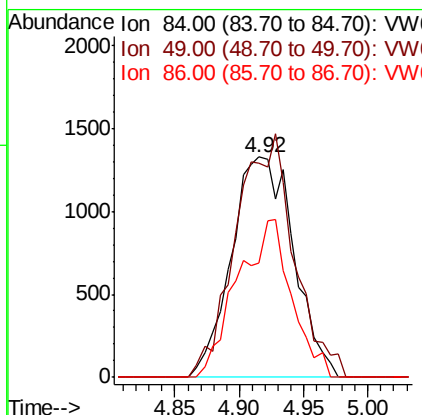
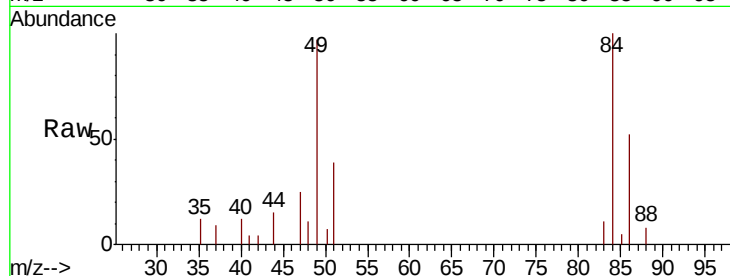




#16
Methylene chloride
Concen: 1.712 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
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Tot Ion: 84 Resp: 4465
Ion Ratio Lower Upper
84 100
49 97.1 71.5 132.9
86 51.7 42.8 79.4



#43
4-Methyl-2-pentanone
Concen: 0.757 ug/L
RT: 10.22 min Scan# 1364
Delta R.T. 0.01 min
Lab File: VW017451.D
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Tgt Ion: 43 Resp: 635
Ion Ratio Lower Upper
43 100
58 3.6 33.4 50.2#
100 6.9 16.3 24.5#

