

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112020\
 Data File : VW017441.D
 Acq On : 21 Nov 2020 01:23
 Operator : SY/VA
 Sample : L4819-20
 Misc : 5.21G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BB9

Quant Time: Nov 21 03:43:16 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	8.85	114	196104	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	183224	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	77408	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	44529	15.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.36%
7) Chloroethane-d5	2.89	69	41583	18.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.12%
10) 1,1-Dichloroethene-d2	4.01	63	70423	13.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.48%
20) 2-Butanone-d5	7.07	46	22245	46.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.32%
24) Chloroform-d	7.65	84	116811	22.67	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.68%
26) 1,2-Dichloroethane-d4	8.31	65	63520	25.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.08%
29) Benzene-d6	8.27	84	216315	20.94	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.76%
33) 1,2-Dichloropropane-d6	9.27	67	63588	23.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.44%
37) Toluene-d8	10.32	98	199710	20.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.16%
38) trans-1,3-Dichloropropene-	10.58	79	23768	19.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.36%
39) 2-Hexanone-d5	10.92	63	15139	41.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	49007	23.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	65495	22.92	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.68%

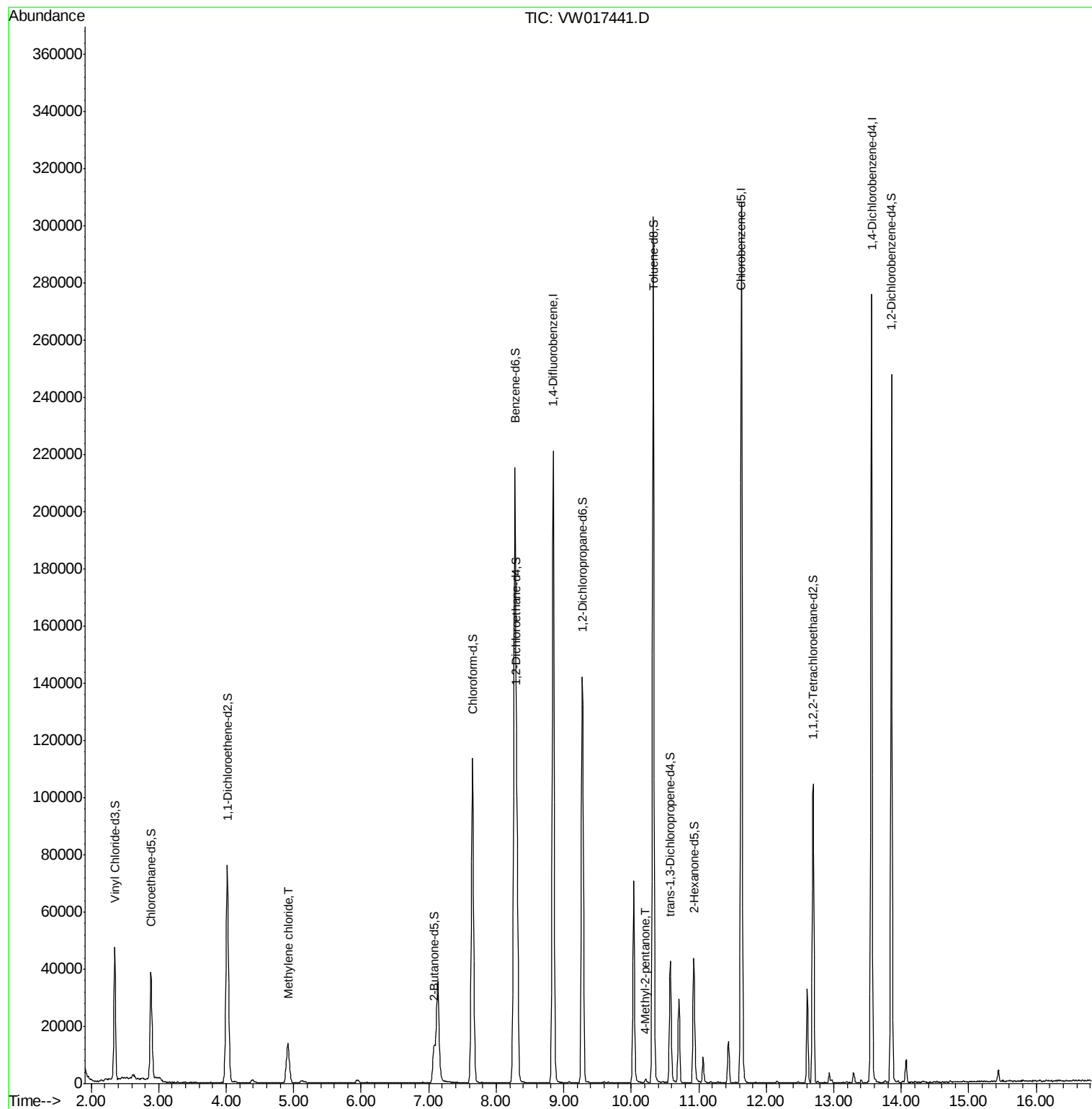
Target Compounds					Ovalue
16) Methylene chloride	4.92	84	11237	3.350 ug/L	90
43) 4-Methyl-2-pentanone	10.21	43	1011	0.870 ug/L #	83

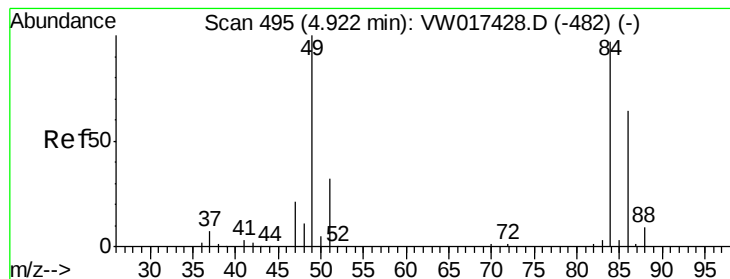
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 3.350 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

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Instrument :

MSVOA_W

ClientSampled :

C0BB9

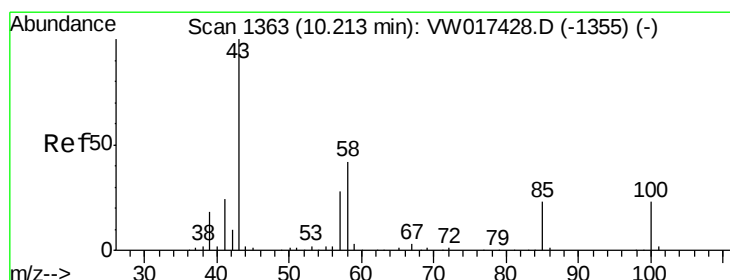
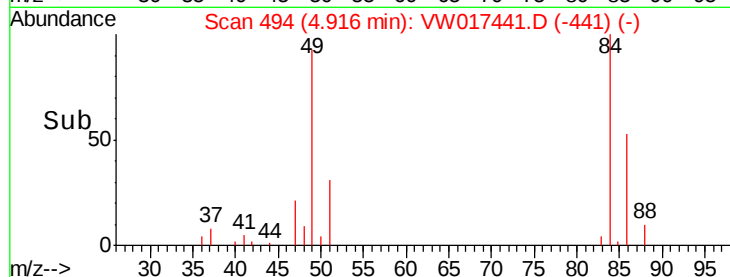
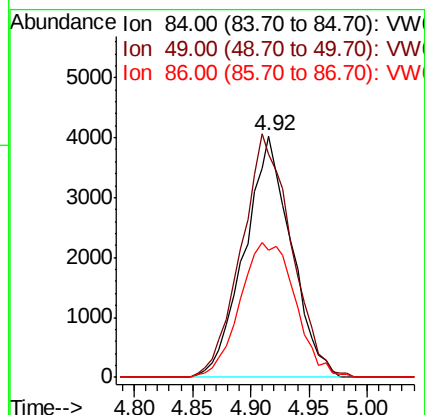
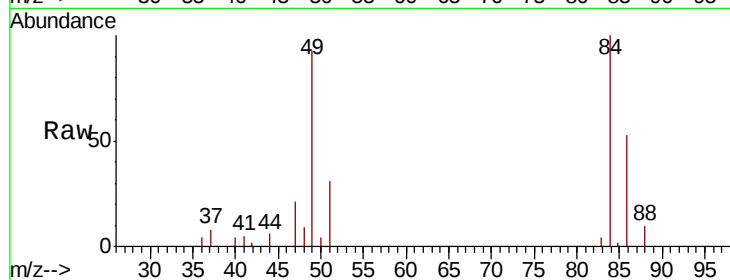
Tot Ion: 84 Resp: 11237

Ion Ratio Lower Upper

84 100

49 92.7 71.5 132.9

86 52.6 42.8 79.4



#43

4-Methyl-2-pentanone

Concen: 0.870 ug/L

RT: 10.21 min Scan# 1362

Delta R.T. -0.01 min

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Acq: 21 Nov 2020 01:23

Tgt Ion: 43 Resp: 1011

Ion Ratio Lower Upper

43 100

58 31.4 33.4 50.2#

100 11.5 16.3 24.5#

