

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112020\
 Data File : VW017443.D
 Acq On : 21 Nov 2020 02:10
 Operator : SY/VA
 Sample : L4860-09
 Misc : 5.87G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BC6

Manual Integrations
 APPROVED

MMDadoda
 11/23/2020 12:52:52 PM

Quant Time: Nov 21 03:48:13 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	120050	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	126470	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	56060	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	26742	15.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.20%
7) Chloroethane-d5	2.89	69	27467	19.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.84%
10) 1,1-Dichloroethene-d2	4.02	63	42291	13.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.40%
20) 2-Butanone-d5	7.08	46	18402m	63.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.10%
24) Chloroform-d	7.65	84	77623	24.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.44%
26) 1,2-Dichloroethane-d4	8.31	65	44884	29.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	117.80%
29) Benzene-d6	8.27	84	140306	19.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.72%
33) 1,2-Dichloropropane-d6	9.27	67	42690	22.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.92%
37) Toluene-d8	10.32	98	127635	19.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.08%
38) trans-1,3-Dichloropropene-	10.58	79	17529	21.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.80%
39) 2-Hexanone-d5	10.93	63	13148	51.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	39157	27.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	51041	24.66	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.64%

Target Compounds					Ovalue
16) Methylene chloride	4.92	84	5405m	2.632	ug/L
43) 4-Methyl-2-pentanone	10.22	43	1141	1.422	ug/L # 95

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

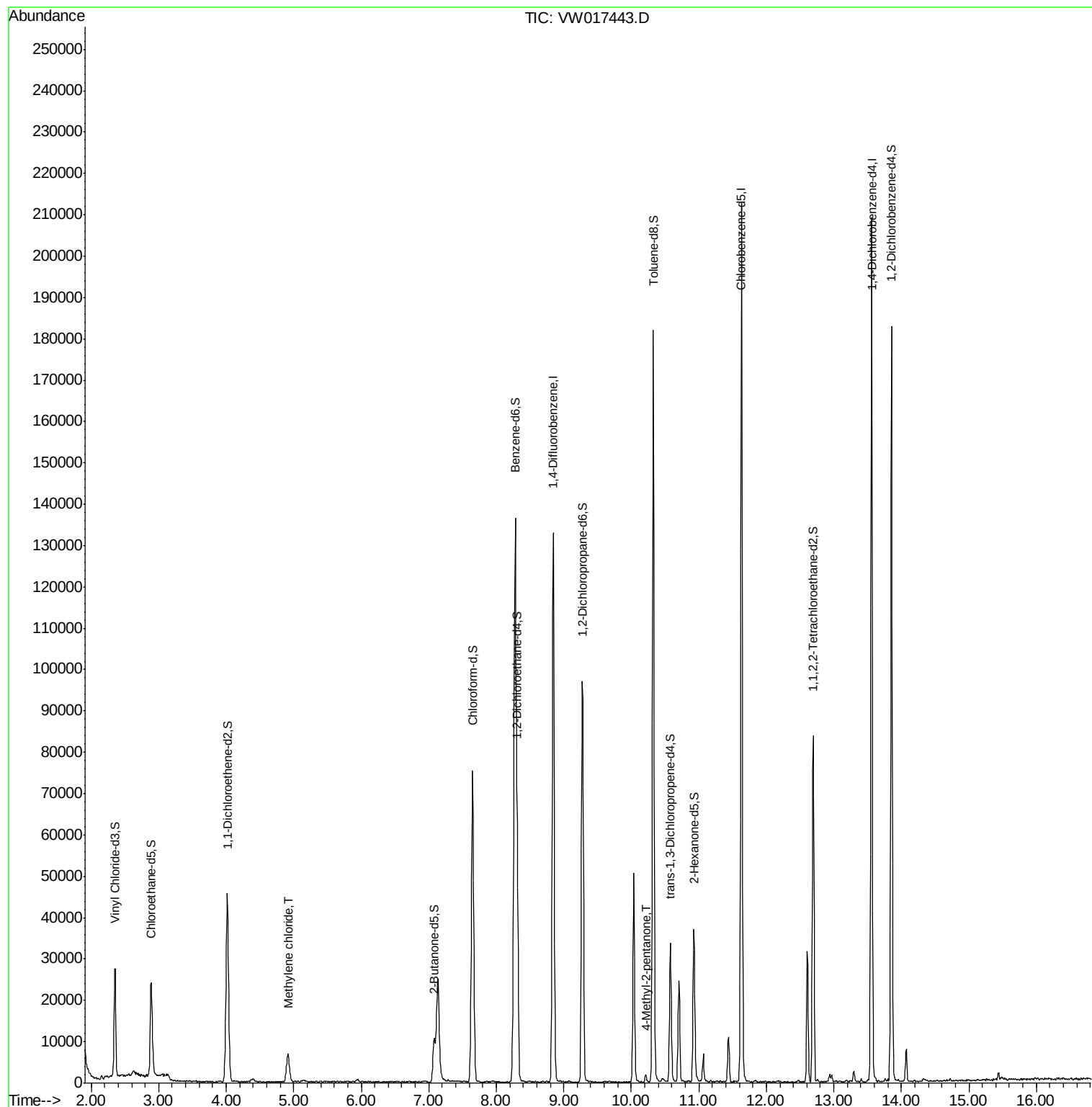
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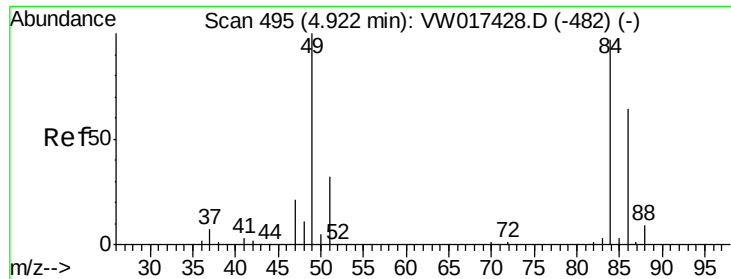
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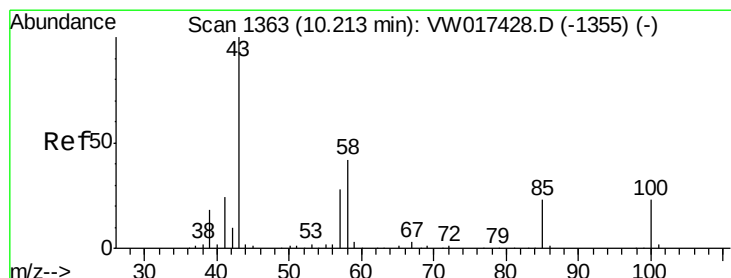
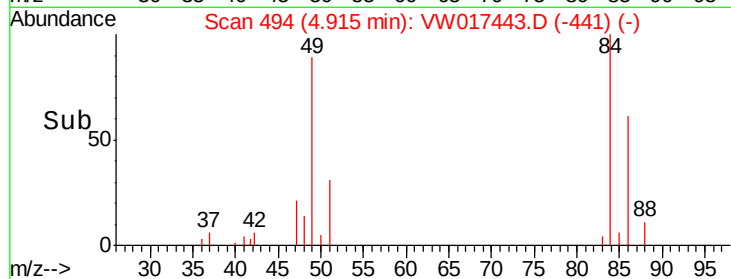
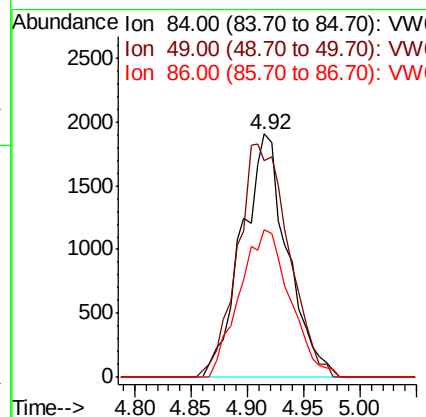
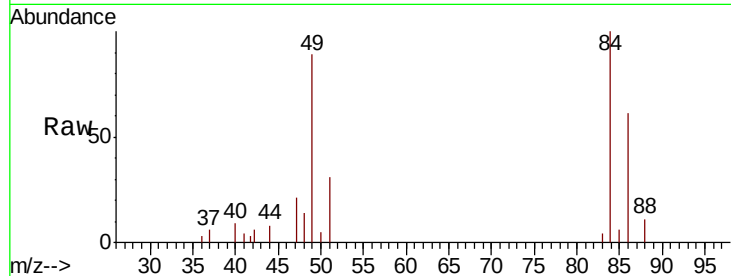
#16
Methylene chloride
Concen: 2.632 ug/L m
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW017443.D
Acq: 21 Nov 2020 02:10

Instrument :
MSVOA_W
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Tot Ion	Ratio	Lower	Upper
84	100		
49	89.1	71.5	132.9
86	60.7	42.8	79.4

Manual Integrations
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#43
4-Methyl-2-pentanone
Concen: 1.422 ug/L
RT: 10.22 min Scan# 1364
Delta R.T. 0.01 min
Lab File: VW017443.D
Acq: 21 Nov 2020 02:10

Tgt Ion	Ratio	Lower	Upper
43	100		
58	43.0	33.4	50.2
100	15.5	16.3	24.5#

