

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102820\
 Data File : VW017005.D
 Acq On : 28 Oct 2020 11:08
 Operator : SY/VA
 Sample : VW1028SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK07

Manual Integrations
 APPROVED

MMDadoda
 10/30/2020 1:33:19 PM

Quant Time: Oct 29 08:12:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 29 08:01:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	526205	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	486929	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	236225	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	118299	19.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.92%
7) Chloroethane-d5	2.89	69	97120	20.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.56%
10) 1,1-Dichloroethene-d2	4.03	63	177500	15.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.12%
20) 2-Butanone-d5	7.08	46	76445	66.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.64%
24) Chloroform-d	7.65	84	270811	22.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.24%
26) 1,2-Dichloroethane-d4	8.31	65	142893	25.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.08%
29) Benzene-d6	8.28	84	555103	22.19	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.76%
33) 1,2-Dichloropropane-d6	9.28	67	159602	23.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.56%
37) Toluene-d8	10.33	98	528115	22.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.72%
38) trans-1,3-Dichloropropene-	10.58	79	69072	24.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.44%
39) 2-Hexanone-d5	10.93	63	62685	66.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	147557	28.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	203755	24.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.16%

Target Compounds				Ovalue
16) Methylene chloride	4.93	84	7561m	1.087 ug/L
43) 4-Methyl-2-pentanone	10.21	43	5611	1.970 ug/L # 96

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

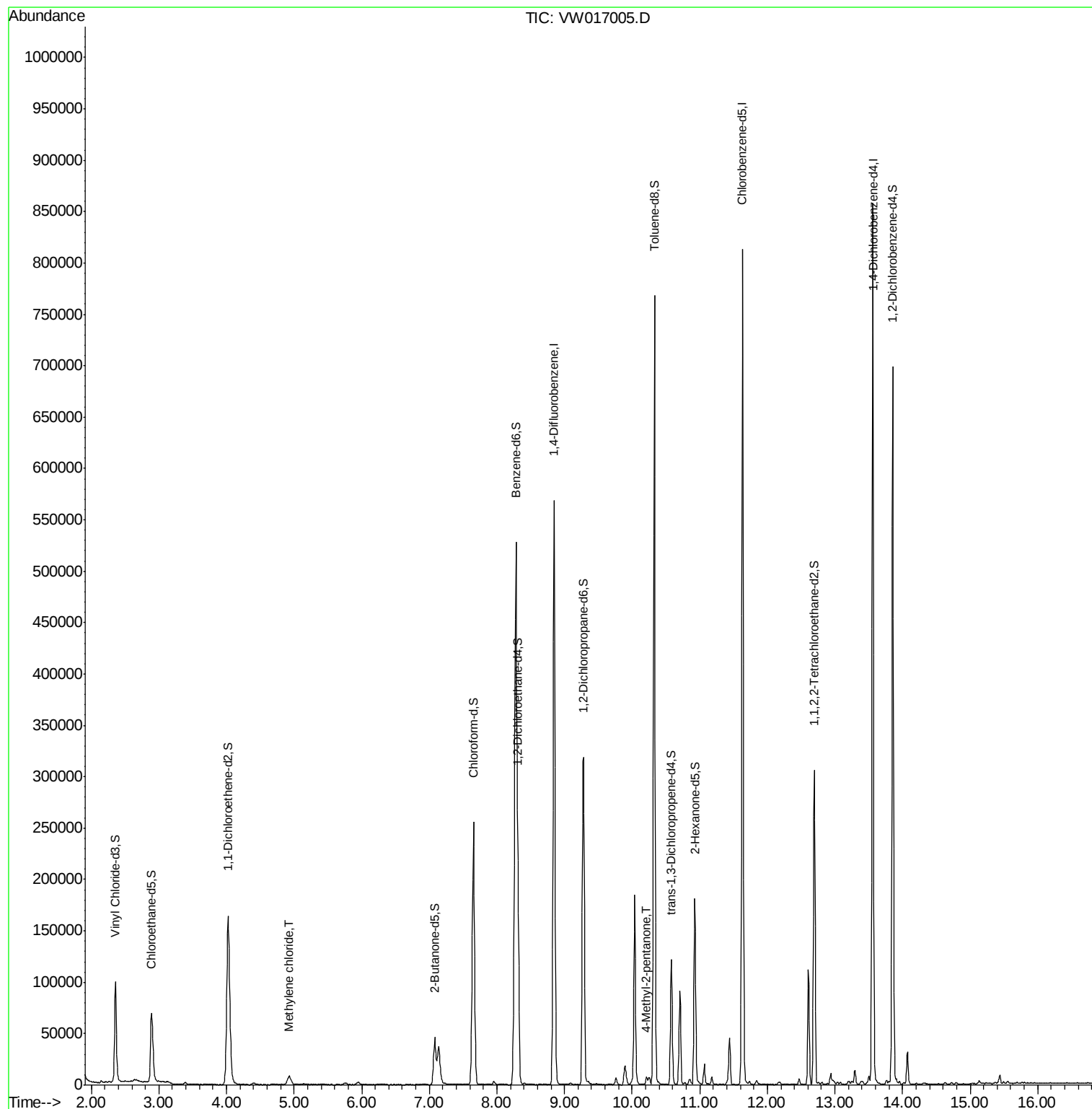
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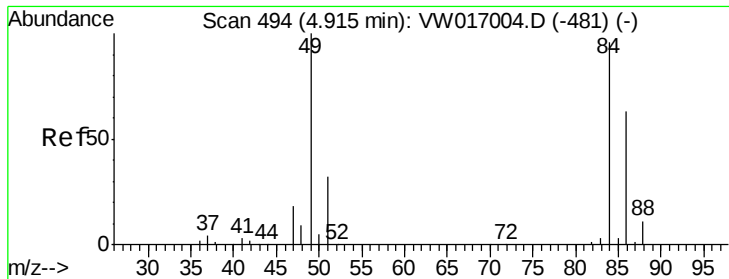
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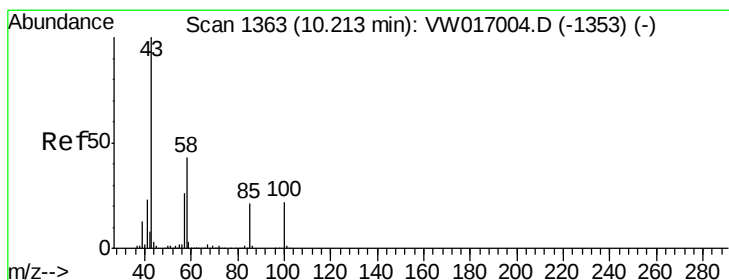
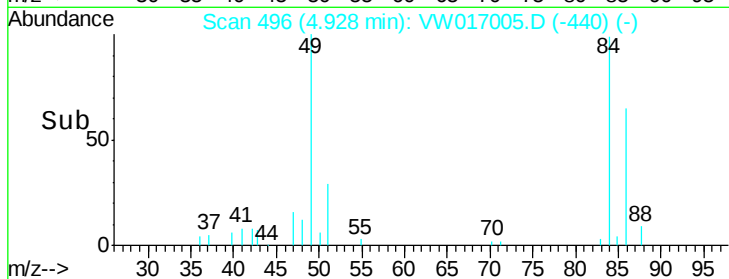
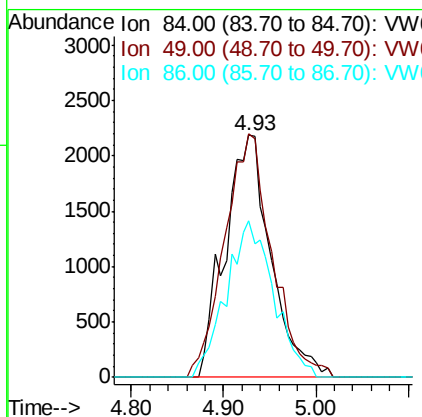
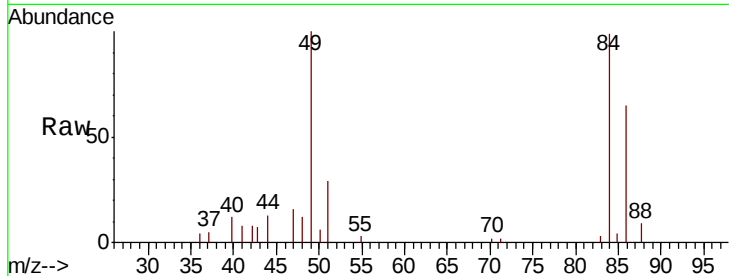
#16
Methylene chloride
Concen: 1.087 ug/L m
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW017005.D
Acq: 28 Oct 2020 11:08

Instrument :
MSVOA_W
ClientSampleId :
VBLK07

Tot Ion	Ratio	Lower	Upper
84	100		
49	100.6	73.8	137.0
86	64.9	47.4	88.0

Manual Integrations
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#43
4-Methyl-2-pentanone
Concen: 1.970 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW017005.D
Acq: 28 Oct 2020 11:08

Tgt Ion	Ratio	Lower	Upper
43	100		
58	42.3	34.4	51.6
100	15.8	16.2	24.2#

