

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032219\
 Data File : VW009350.D
 Acq On : 22 Mar 2019 15:59
 Operator : SY/VA
 Sample : K2017-12
 Misc : 5.62G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0D8

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 8:29:33 AM

Quant Time: Mar 23 00:57:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 00:14:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	396358	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	354532	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	125551	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	113891	24.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.20%
7) Chloroethane-d5	2.90	69	115429	20.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.32%
10) 1,1-Dichloroethene-d2	4.01	63	176104	17.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.80%
20) 2-Butanone-d5	7.07	46	66803	34.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.20%
24) Chloroform-d	7.64	84	257164	23.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.08%
26) 1,2-Dichloroethane-d4	8.30	65	149566	22.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.80%
29) Benzene-d6	8.27	84	471184	24.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.40%
33) 1,2-Dichloropropane-d6	9.27	67	149229	25.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.64%
37) Toluene-d8	10.32	98	404873	22.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.60%
38) trans-1,3-Dichloropropene-	10.58	79	59551	20.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.76%
39) 2-Hexanone-d5	10.93	63	50712	35.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.30%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	118243	20.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	113865	23.65	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.60%

Target Compounds					Ovalue
16) Methylene chloride	4.92	84	20284m	3.509 ug/L	
35) Trichloroethene	9.09	95	4562	0.882 ug/L	97

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

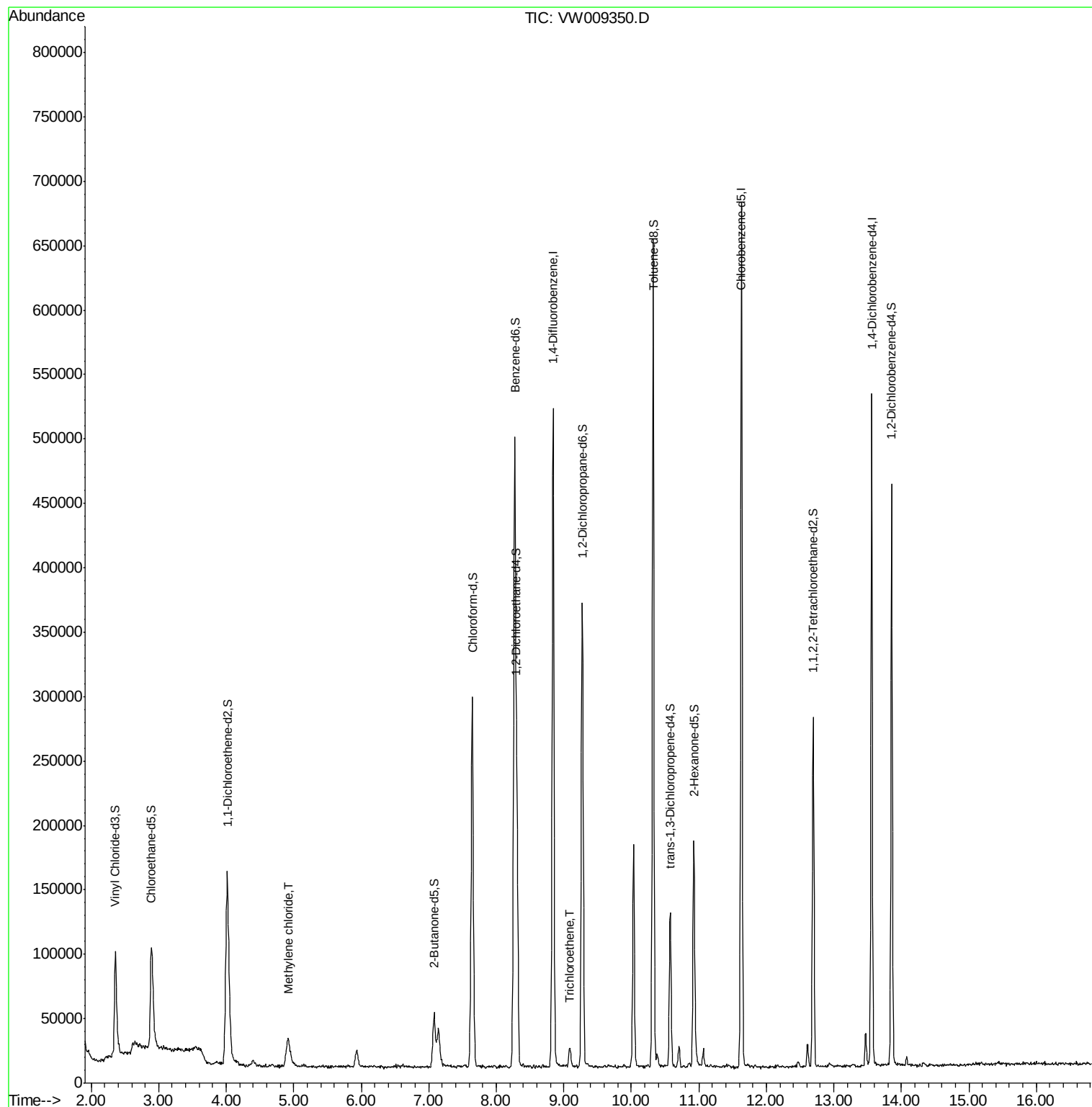
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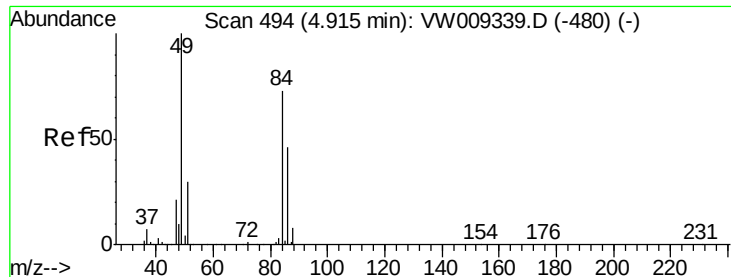
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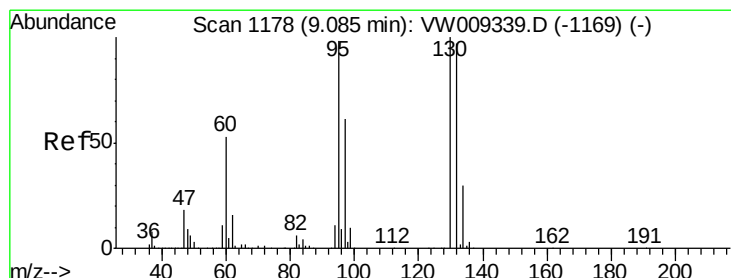
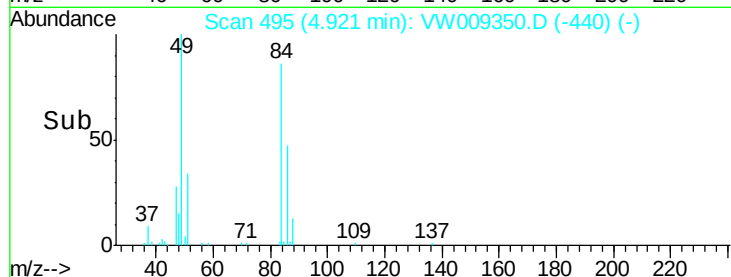
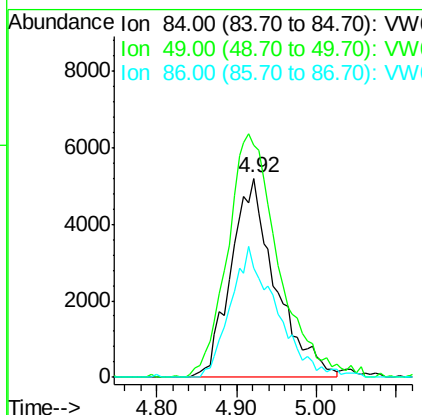
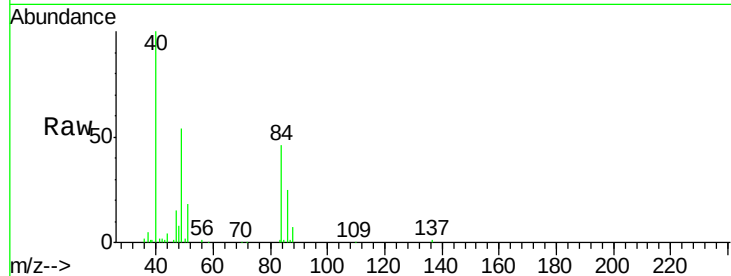
#16
Methylene chloride
Concen: 3.509 ug/L m
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW009350.D
Acq: 22 Mar 2019 15:59

Instrument :
MSVOA_W
ClientSampleId :
BF0D8

Tot Ion	84	Resp	20284
Ion Ratio	Lower	Upper	
84	100		
49	116.5	96.0	178.2
86	54.6	44.4	82.5

Manual Integrations
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#35
Trichloroethene
Concen: 0.882 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. 0.01 min
Lab File: VW009350.D
Acq: 22 Mar 2019 15:59

Tgt Ion	95	Resp	4562
Ion Ratio	Lower	Upper	
95	100		
97	68.4	44.7	82.9
132	102.0	69.0	128.2
130	105.6	72.7	134.9

