

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032319\
 Data File : VW009385.D
 Acq On : 23 Mar 2019 12:50
 Operator : SY/VA
 Sample : K2048-18
 Misc : 5.88G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0G0

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 8:33:24 AM

Quant Time: Mar 23 23:04:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 22:42:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	369420	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	352596	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	165413	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	88720	20.10	ug/L	0.00	MMDadoda
Spiked Amount 25.000	Range 30 - 150	Recovery =	80.40%				
7) Chloroethane-d5	2.89	69	95666	18.52	ug/L	0.00	3/25/2019 8:33:24 AM
Spiked Amount 25.000	Range 30 - 150	Recovery =	74.08%				
10) 1,1-Dichloroethene-d2	4.01	63	145333	15.23	ug/L	0.00	
Spiked Amount 25.000	Range 45 - 110	Recovery =	60.92%				
20) 2-Butanone-d5	7.07	46	102439	56.11	ug/L	0.00	
Spiked Amount 50.000	Range 20 - 135	Recovery =	112.22%				
24) Chloroform-d	7.64	84	224736	22.29	ug/L	0.00	
Spiked Amount 25.000	Range 40 - 150	Recovery =	89.16%				
26) 1,2-Dichloroethane-d4	8.31	65	145517	23.96	ug/L	0.00	
Spiked Amount 25.000	Range 70 - 130	Recovery =	95.84%				
29) Benzene-d6	8.27	84	402301	20.69	ug/L	0.00	
Spiked Amount 25.000	Range 20 - 135	Recovery =	82.76%				
33) 1,2-Dichloropropane-d6	9.27	67	129257	22.13	ug/L	0.00	
Spiked Amount 25.000	Range 70 - 120	Recovery =	88.52%				
37) Toluene-d8	10.32	98	355617	19.78	ug/L	0.00	
Spiked Amount 25.000	Range 30 - 130	Recovery =	79.12%				
38) trans-1,3-Dichloropropene-	10.58	79	60946	20.78	ug/L	0.00	
Spiked Amount 25.000	Range 30 - 135	Recovery =	83.12%				
39) 2-Hexanone-d5	10.93	63	75605	53.45	ug/L	0.00	
Spiked Amount 50.000	Range 20 - 135	Recovery =	106.90%				
48) 1,1,2,2-Tetrachloroethane-	12.69	84	147430	25.63	ug/L	0.00	
Spiked Amount 25.000	Range 45 - 120	Recovery =	102.52%				
61) 1,2-Dichlorobenzene-d4	13.85	152	147844	23.31	ug/L	0.00	
Spiked Amount 25.000	Range 75 - 120	Recovery =	93.24%				

Target Compounds					Ovalue
16) Methylene chloride	4.92	84	7463m	1.385 ug/L	
35) Trichloroethene	9.09	95	7360	1.431 ug/L	93

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

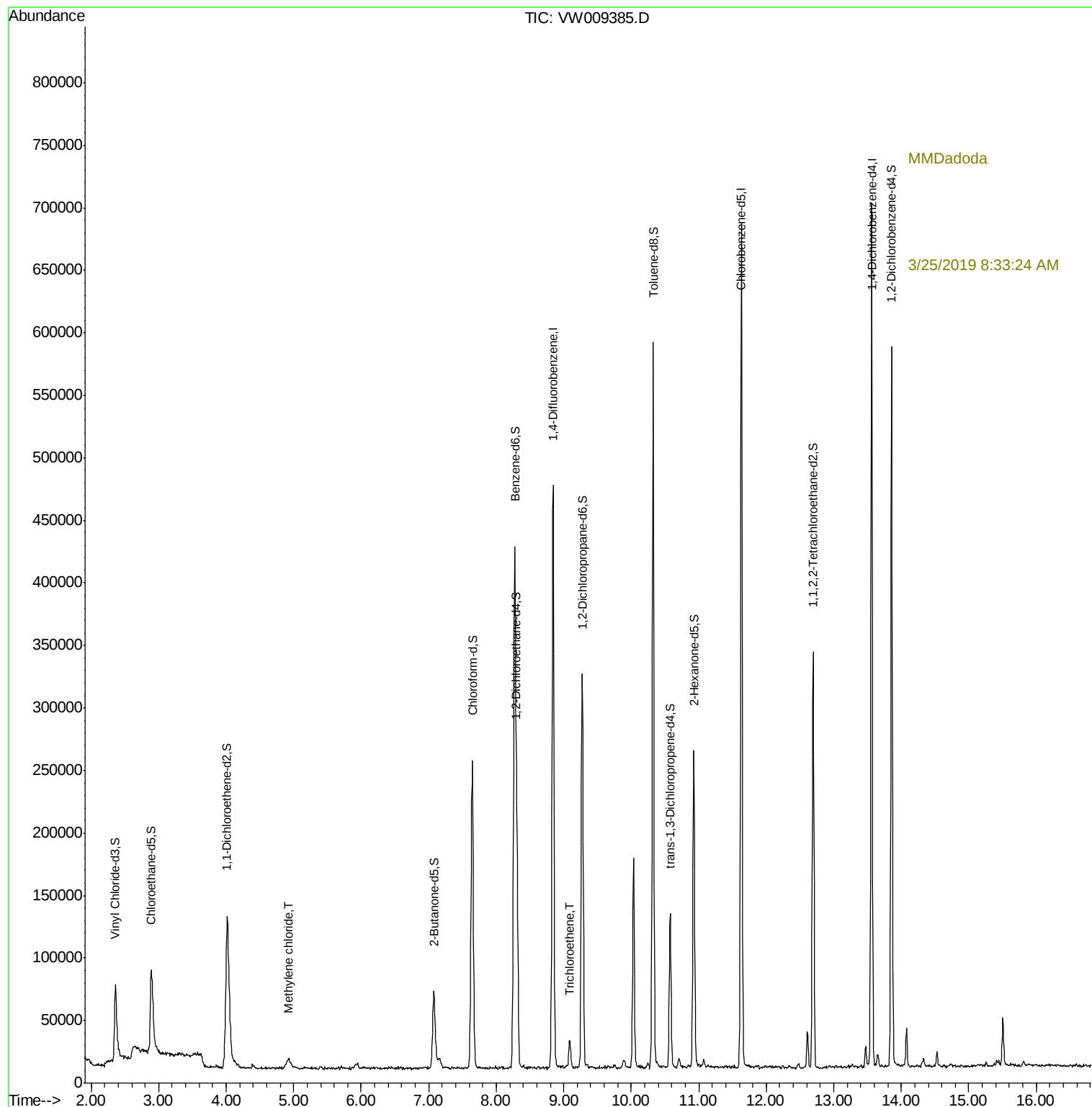
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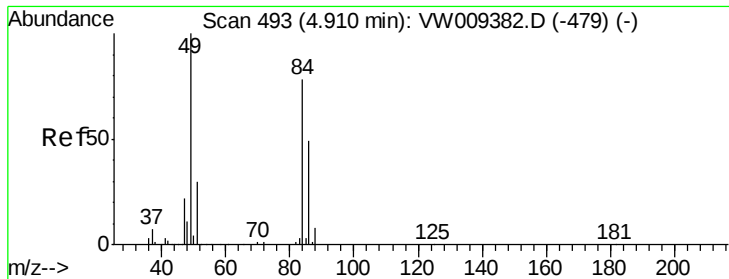
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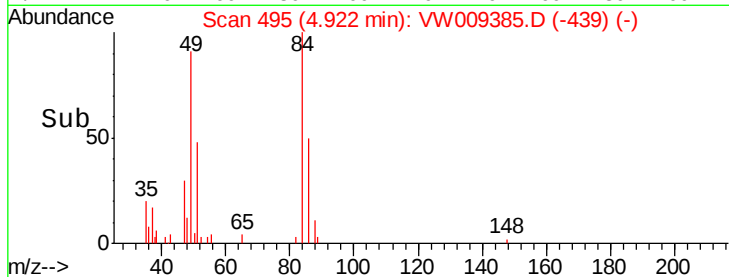
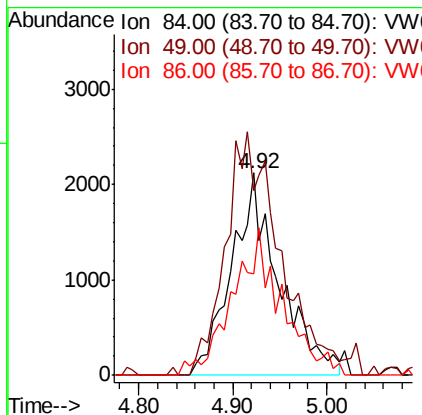
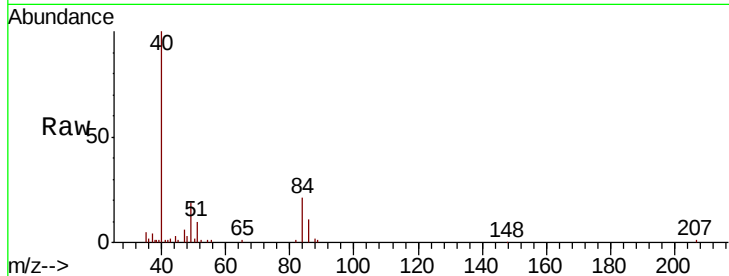
#16
Methylene chloride
Concen: 1.385 ug/L m
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW009385.D
Acq: 23 Mar 2019 12:50

Instrument :
MSVOA_W
ClientSampleId :
BF0G0

Tot Ion: 84 Resp: 7463
Ion Ratio Lower Upper
84 100
49 91.5 96.0 178.2#
86 50.2 44.4 82.5

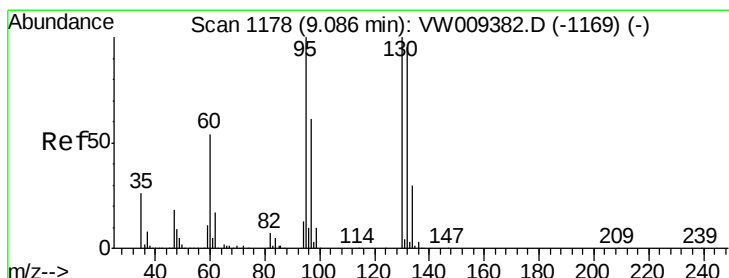
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#35
Trichloroethene
Concen: 1.431 ug/L
RT: 9.09 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VW009385.D
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Tgt Ion: 95 Resp: 7360
Ion Ratio Lower Upper
95 100
97 60.2 44.7 82.9
132 89.4 69.0 128.2
130 97.1 72.7 134.9

