

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032319\
 Data File : VW009396.D
 Acq On : 23 Mar 2019 18:27
 Operator : SY/VA
 Sample : K2062-04
 Misc : 5.94G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0H1

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 8:33:32 AM

Quant Time: Mar 24 00:14:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 23:52:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	346585	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	341264	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	151575	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	88172	21.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.16%
7) Chloroethane-d5	2.90	69	91893	18.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.84%
10) 1,1-Dichloroethene-d2	4.01	63	143778	16.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.24%
20) 2-Butanone-d5	7.07	46	88685	51.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.56%
24) Chloroform-d	7.65	84	225475	23.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.36%
26) 1,2-Dichloroethane-d4	8.31	65	142289	24.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.88%
29) Benzene-d6	8.27	84	403034	21.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.64%
33) 1,2-Dichloropropane-d6	9.27	67	132158	23.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.52%
37) Toluene-d8	10.32	98	354509	20.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.48%
38) trans-1,3-Dichloropropene-	10.58	79	56512	19.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.64%
39) 2-Hexanone-d5	10.93	63	64409	47.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	136254	24.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	144975	24.94	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.76%

Target Compounds					Ovalue
16) Methylene chloride	4.91	84	6831m	1.352 ug/L	
35) Trichloroethene	9.09	95	5023	1.009 ug/L	90

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

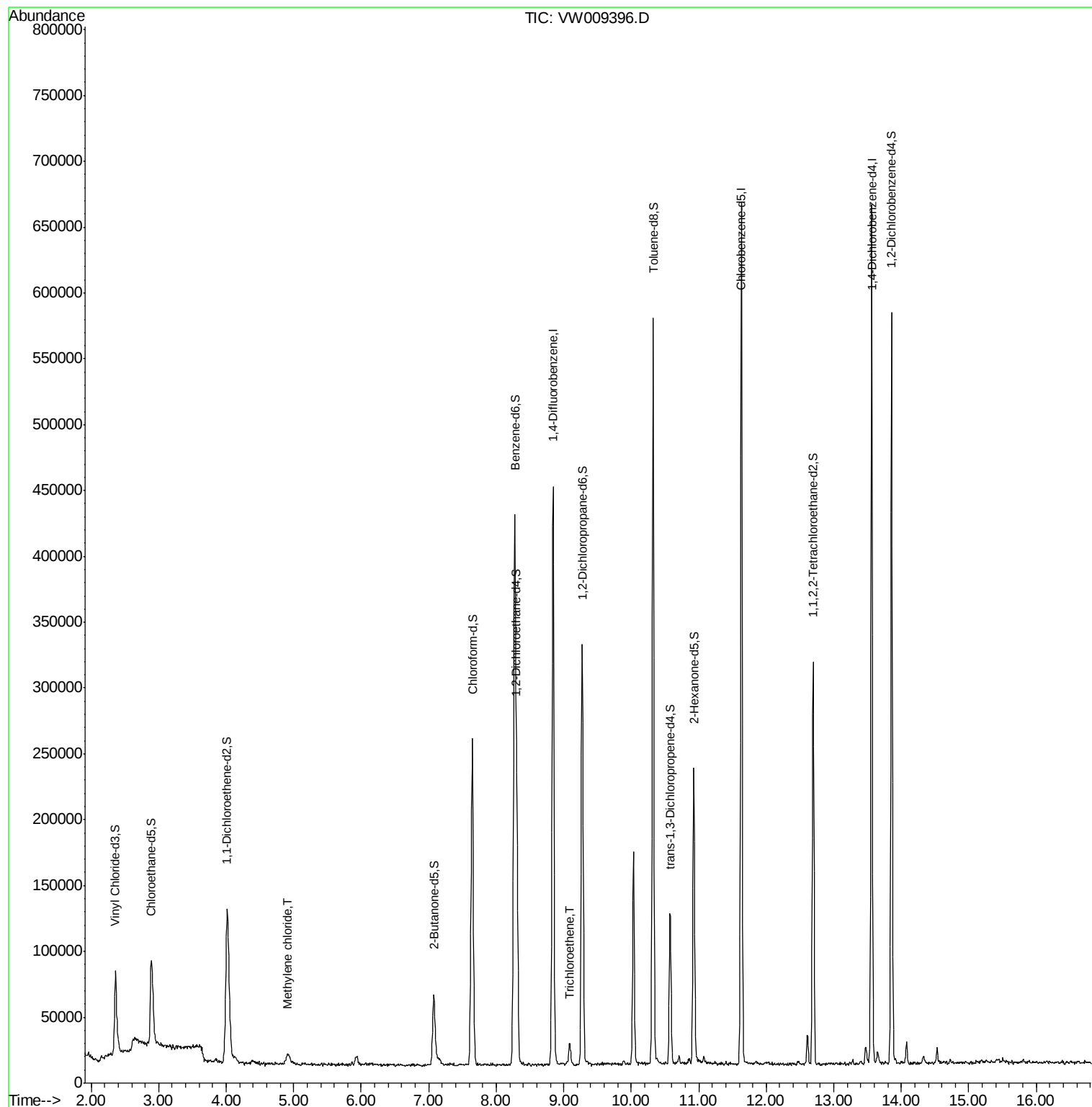
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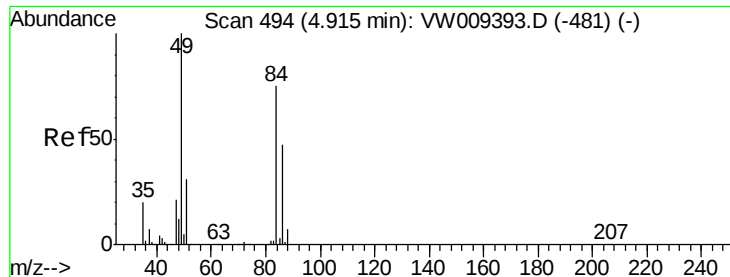
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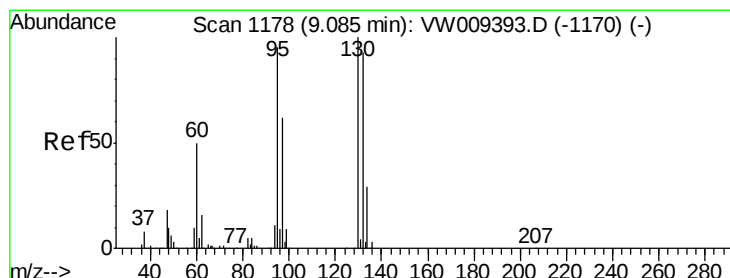
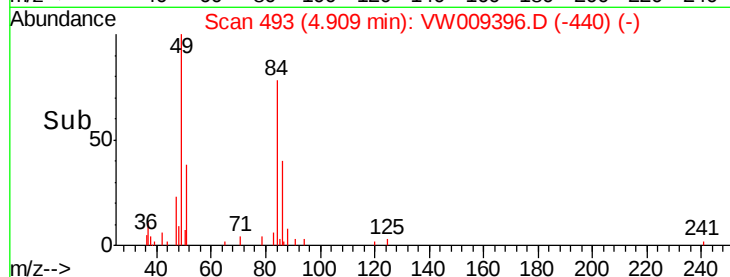
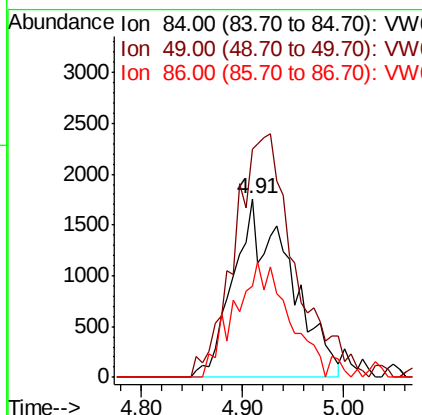
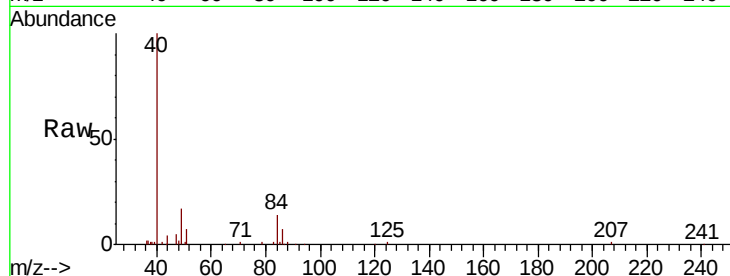
#16
Methvlene chloride
Concen: 1.352 ug/L m
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009396.D
Acq: 23 Mar 2019 18:27

Instrument :
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Tot Ion	Ratio	Lower	Upper
84	100		
49	127.8	96.0	178.2
86	51.3	44.4	82.5

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#35
Trichloroethene
Concen: 1.009 ug/L
RT: 9.09 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VW009396.D
Acq: 23 Mar 2019 18:27

Tgt Ion	Ratio	Lower	Upper
95	100		
97	61.9	44.7	82.9
132	90.6	69.0	128.2
130	87.4	72.7	134.9

