

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032019\
 Data File : VW009289.D
 Acq On : 20 Mar 2019 16:03
 Operator : SY/VA
 Sample : K1986-11
 Misc : 5.23G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF119

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 11:43:25 AM

Quant Time: Mar 22 07:32:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 21 10:17:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	359413	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	344325	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	161872	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	106230	24.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.92%
7) Chloroethane-d5	2.90	69	92825	18.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.88%
10) 1,1-Dichloroethene-d2	4.02	63	159609	17.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.76%
20) 2-Butanone-d5	7.07	46	91662	51.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.22%
24) Chloroform-d	7.64	84	208100	21.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.88%
26) 1,2-Dichloroethane-d4	8.31	65	132259m	22.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.52%
29) Benzene-d6	8.27	84	402817	21.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.84%
33) 1,2-Dichloropropane-d6	9.27	67	123038	21.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.28%
37) Toluene-d8	10.32	98	355324	20.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.96%
38) trans-1,3-Dichloropropene-	10.57	79	55653	19.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.72%
39) 2-Hexanone-d5	10.93	63	71481	51.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.50%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	130450	23.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	142316	22.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.72%

Target Compounds					Ovalue
16) Methylene chloride	4.92	84	11350m	2.166	ug/L
44) Toluene	10.38	91	22266	1.081	ug/L

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

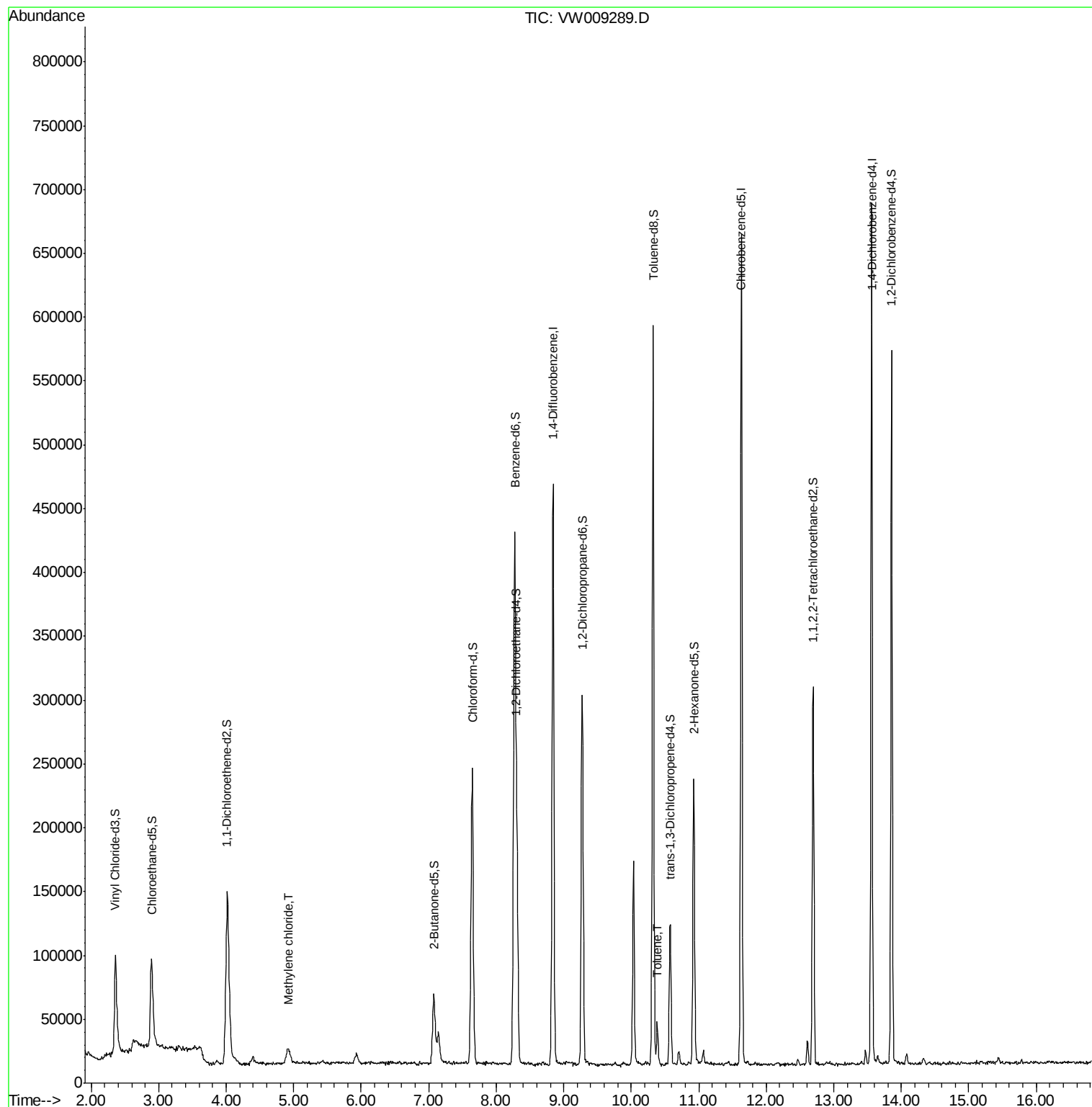
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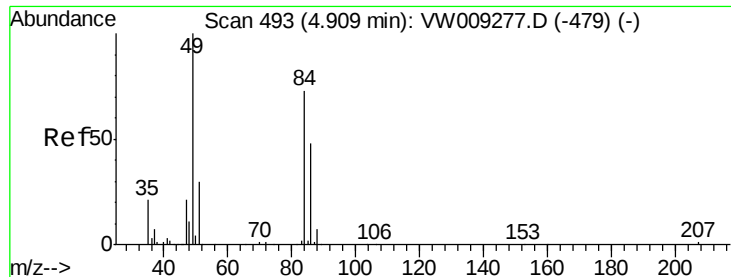
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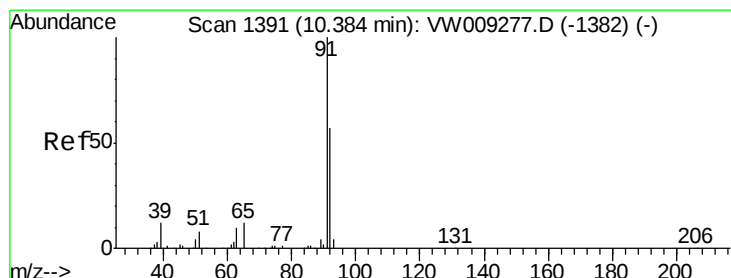
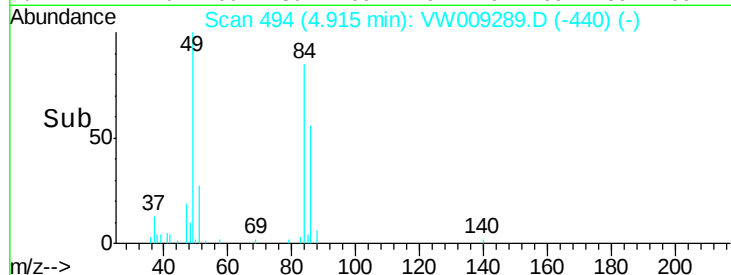
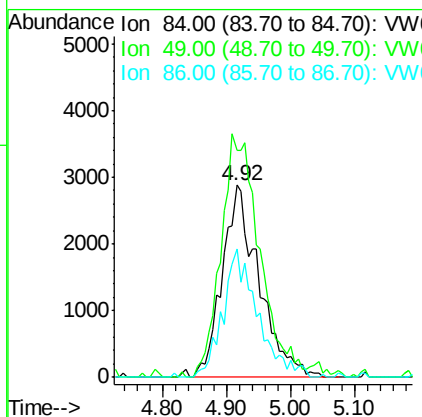
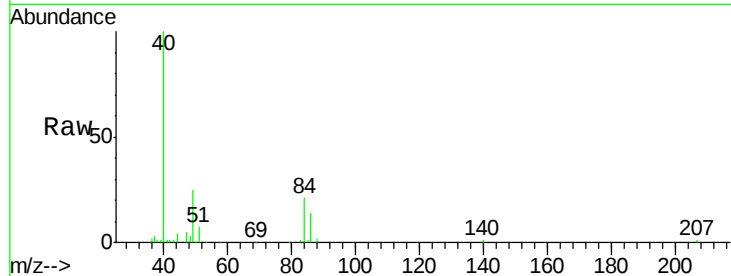
#16
Methvlene chloride
Concen: 2.166 ug/L m
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009289.D
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Tot Ion	84	Resp	11350
Ion Ratio	Lower	Upper	
84	100		
49	118.3	96.0	178.2
86	66.7	44.4	82.5

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#44
Toluene
Concen: 1.081 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
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Tgt Ion	91	Resp	22266
Ion Ratio	Lower	Upper	
91	100		
92	62.4	39.8	73.8

