

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021721\
 Data File : VW018184.D
 Acq On : 17 Feb 2021 14:09
 Operator : SY/VA
 Sample : M1414-19
 Misc : 6.95G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBH11

Quant Time: Feb 18 06:17:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 18 06:15:22 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

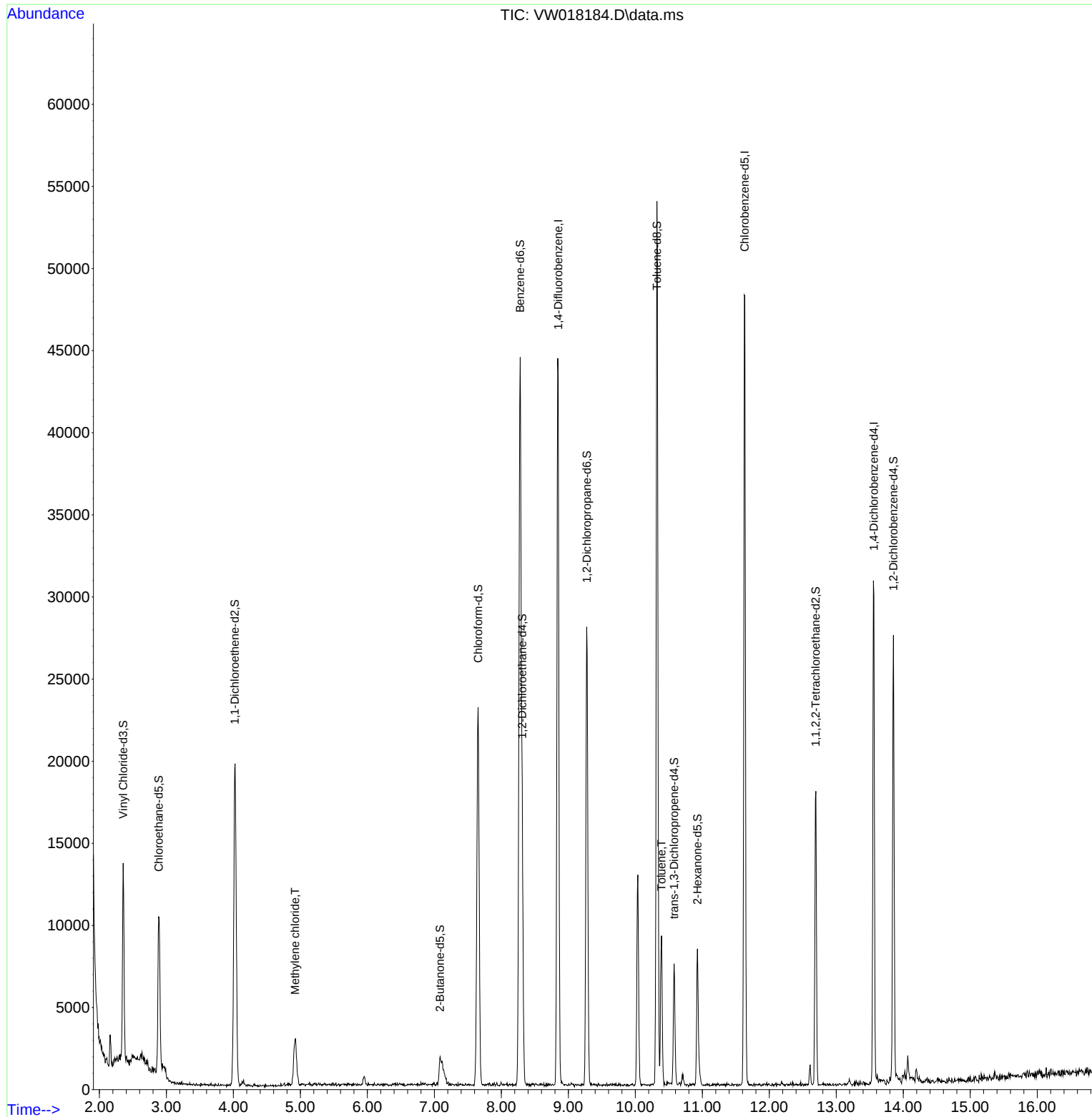
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	40386	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	29847	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	9088	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	11476	22.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.44%
7) Chloroethane-d5	2.885	69	11086	27.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.32%
10) 1,1-Dichloroethene-d2	4.019	63	18469	18.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.64%
20) 2-Butanone-d5	7.086	46	3199	23.88	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	47.76%
24) Chloroform-d	7.653	84	24081	22.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.88%
26) 1,2-Dichloroethane-d4	8.311	65	12128	21.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.92%
29) Benzene-d6	8.281	84	47595	29.04	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.16%
33) 1,2-Dichloropropane-d6	9.275	67	13711	29.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.64%
37) Toluene-d8	10.323	98	37575	24.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.40%
38) trans-1,3-Dichloroprop...	10.579	79	4631	22.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.16%
39) 2-Hexanone-d5	10.927	63	3060	34.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.84%
48) 1,1,2,2-Tetrachloroeth...	12.695	84	9161	22.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.00%
61) 1,2-Dichlorobenzene-d4	13.853	152	7644	23.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.32%
Target Compounds						Qvalue
16) Methylene chloride	4.922	84	2397	3.70	ug/L	78
44) Toluene	10.390	91	7297	3.80	ug/L	100

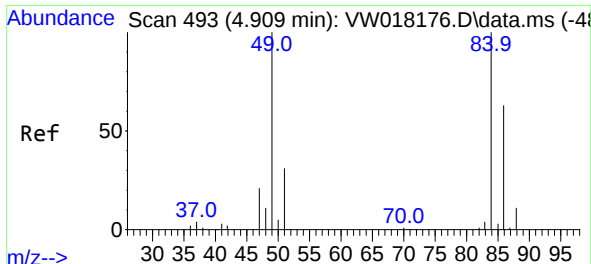
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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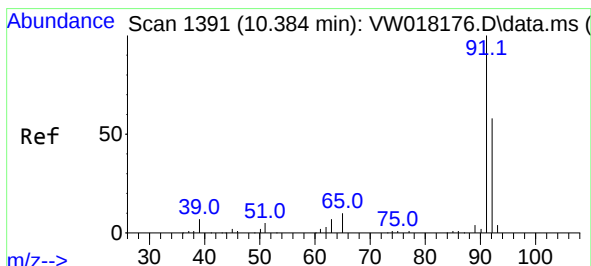
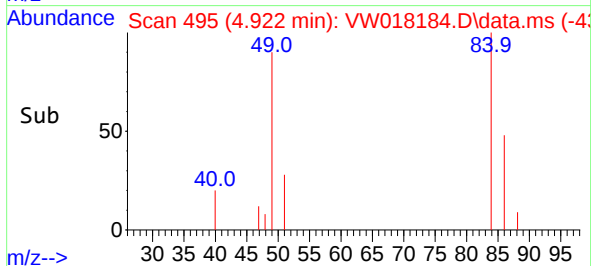
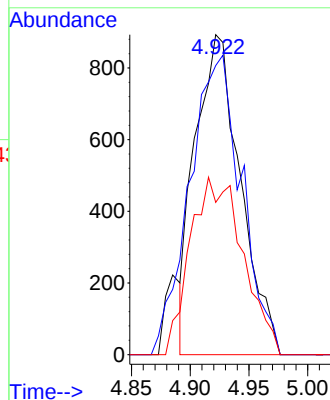
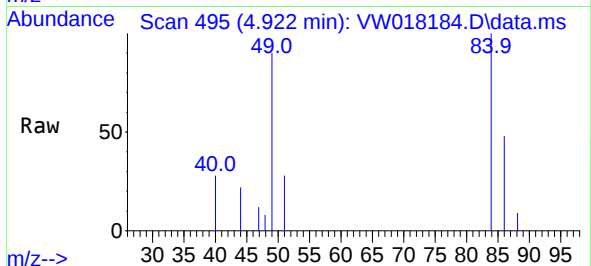


#16
Methylene chloride
Concen: 3.70 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.012 min
Lab File: VW018184.D
Acq: 17 Feb 2021 14:09

Instrument :
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Tgt Ion: 84 Resp: 2397

Ion	Ratio	Lower	Upper
84	100		
49	90.4	81.2	150.8
86	47.6	44.5	82.7



#44
Toluene
Concen: 3.80 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW018184.D
Acq: 17 Feb 2021 14:09

Tgt Ion: 91 Resp: 7297

Ion	Ratio	Lower	Upper
91	100		
92	59.7	41.6	77.3

