

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111819\
 Data File : VW014063.D
 Acq On : 18 Nov 2019 15:47
 Operator : SY/VA
 Sample : K5810-09
 Misc : 4.95G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFLR3

Quant Time: Nov 19 08:04:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 19 07:22:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	307776	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	251874	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	89687	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	94818	19.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.24%
7) Chloroethane-d5	2.89	69	85588	21.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.00%
10) 1,1-Dichloroethene-d2	4.02	63	148340	14.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.88%
20) 2-Butanone-d5	7.07	46	67327	47.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.40%
24) Chloroform-d	7.65	84	225631	23.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.36%
26) 1,2-Dichloroethane-d4	8.30	65	120805	25.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.56%
29) Benzene-d6	8.27	84	456893	25.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.28%
33) 1,2-Dichloropropane-d6	9.27	67	145627	27.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.28%
37) Toluene-d8	10.32	98	381688	22.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.08%
38) trans-1,3-Dichloropropene-	10.57	79	49278	21.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.92%
39) 2-Hexanone-d5	10.92	63	47757	48.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	101682	25.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	81699	22.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.68%

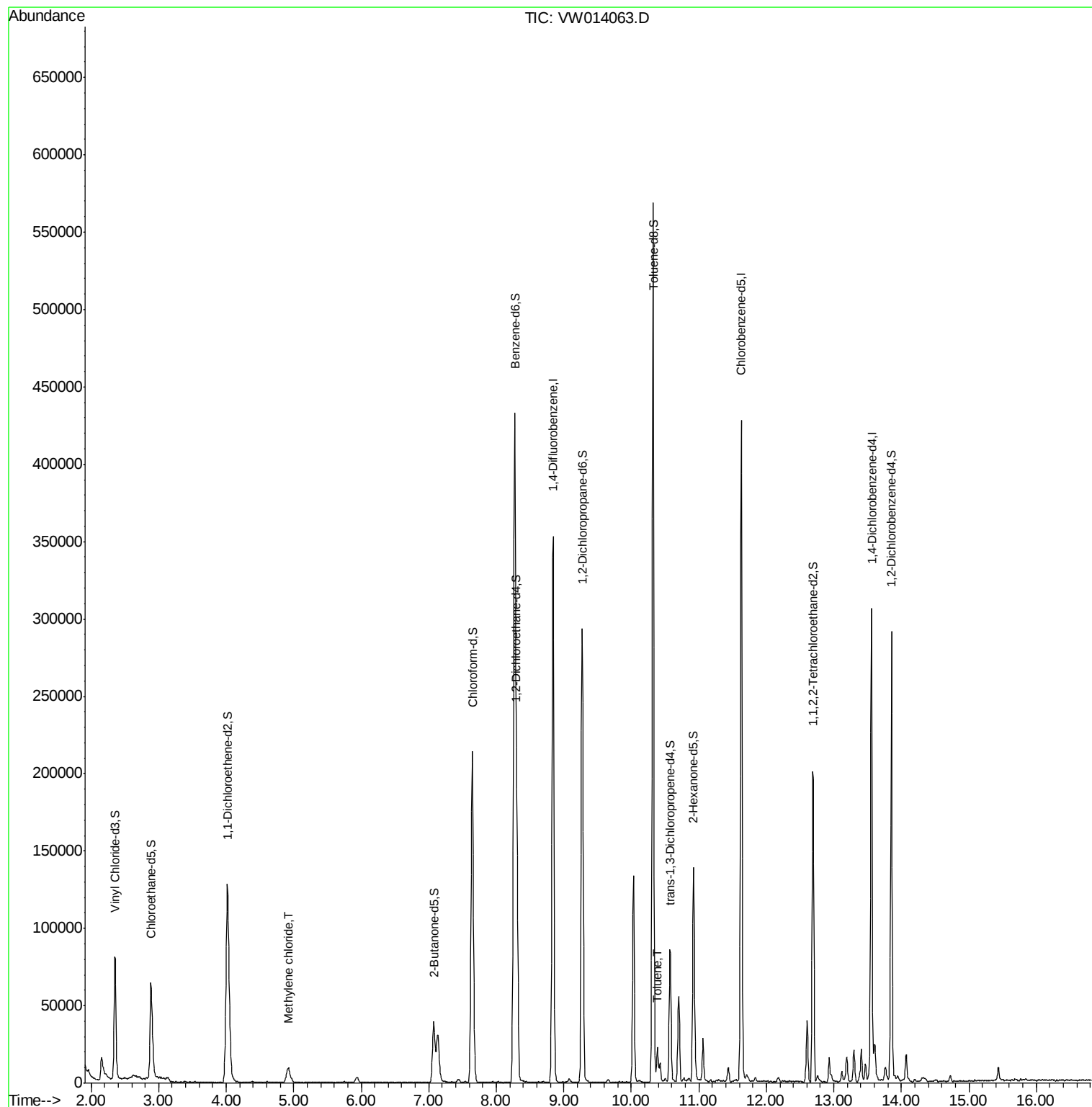
Target Compounds					Ovalue
16) Methylene chloride	4.92	84	9404	1.587 ug/L	94
44) Toluene	10.39	91	14403	0.715 ug/L	93

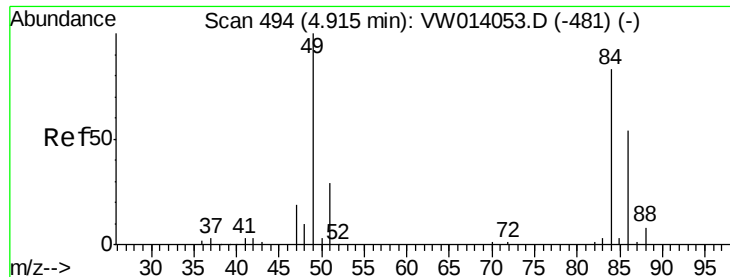
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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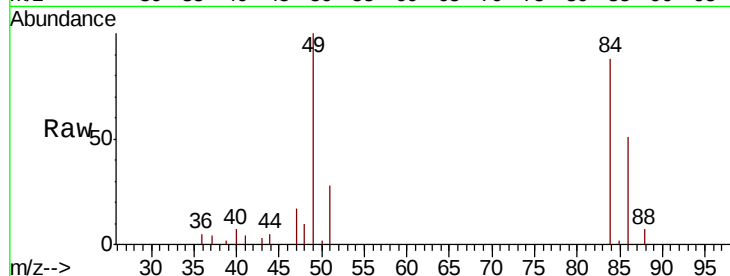




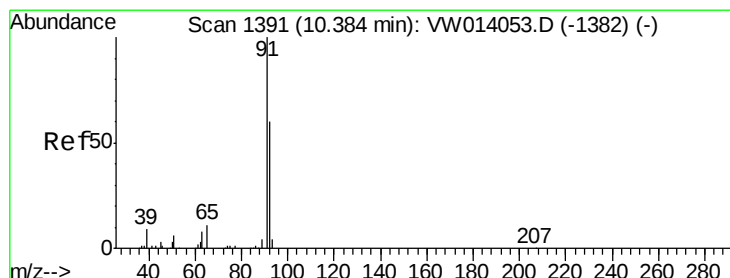
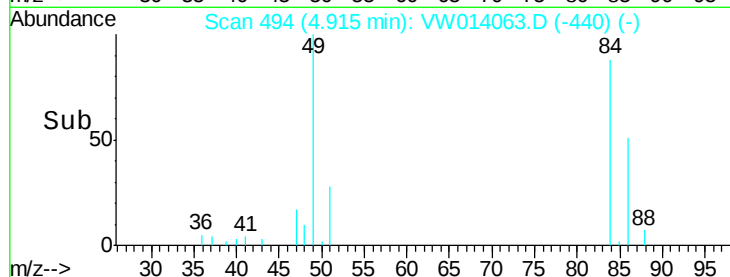
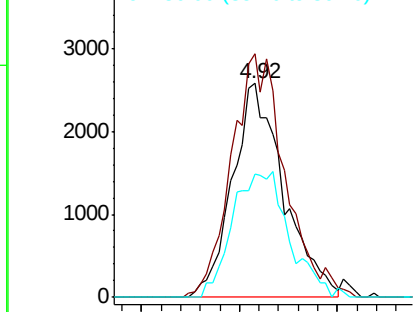
#16
Methvlene chloride
Concen: 1.587 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW014063.D
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Tot Ion: 84 Resp: 9404
Ion Ratio Lower Upper
84 100
49 113.9 84.2 156.4
86 57.6 43.7 81.1

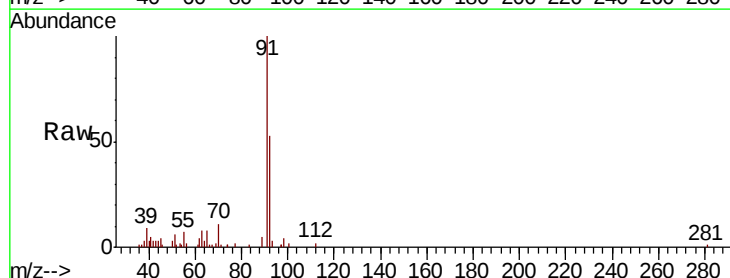


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW



#44
Toluene
Concen: 0.715 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. 0.01 min
Lab File: VW014063.D
Acq: 18 Nov 2019 15:47

Tgt Ion: 91 Resp: 14403
Ion Ratio Lower Upper
91 100
92 52.9 40.7 75.7



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW

