

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012720\
 Data File : VW014776.D
 Acq On : 27 Jan 2020 20:05
 Operator : SY/VA
 Sample : L1271-14
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAT05

Manual Integrations
 APPROVED

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 1/28/2020 1:58:51 PM

Quant Time: Jan 28 07:58:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 28 07:18:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	976461	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	864938	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	369385	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	349941	22.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.52%
7) Chloroethane-d5	2.89	69	257436	19.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.36%
10) 1,1-Dichloroethene-d2	4.01	63	353170	12.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.48%
20) 2-Butanone-d5	7.07	46	176519	40.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.40%
24) Chloroform-d	7.65	84	563949	20.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.68%
26) 1,2-Dichloroethane-d4	8.31	65	313139m	21.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.28%
29) Benzene-d6	8.27	84	1173304	21.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.20%
33) 1,2-Dichloropropane-d6	9.27	67	368557	21.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.12%
37) Toluene-d8	10.32	98	1028167	21.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.80%
38) trans-1,3-Dichloropropene-	10.57	79	140730	20.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.48%
39) 2-Hexanone-d5	10.92	63	133726	42.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	280112	21.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	327539	22.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.52%

Target Compounds					Ovalue
44) Toluene	10.38	91	29838	0.530 ug/L	95

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

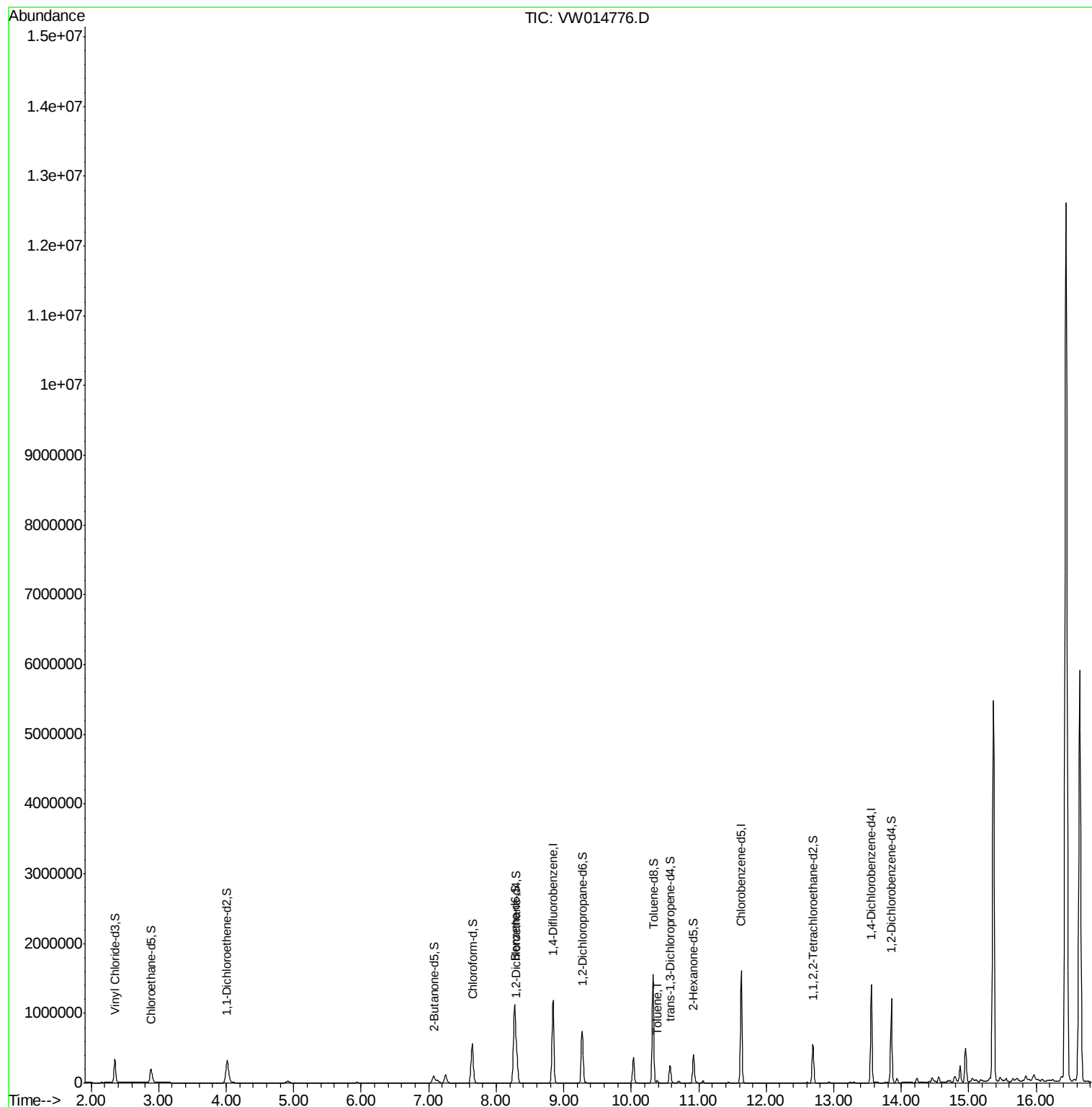
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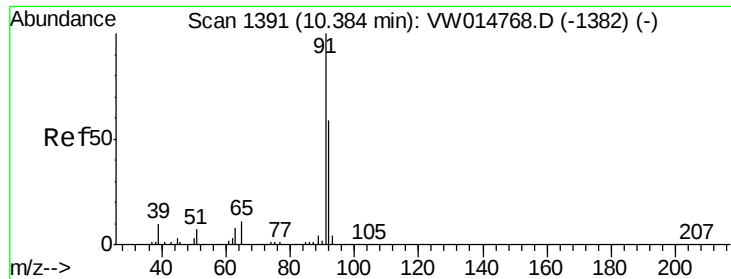
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#44
Toluene
Concen: 0.530 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW014776.D
Acq: 27 Jan 2020 20:05

Instrument :
MSVOA_W
ClientSampleId :
GAT05

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		29838		
92	54.7		40.7	75.7	

Manual Integrations
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