

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW013020\
 Data File : VW014816.D
 Acq On : 30 Jan 2020 19:03
 Operator : SY/VA
 Sample : L1323-01
 Misc : 5.07G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAT41

Manual Integrations
 APPROVED

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 1/31/2020 4:23:49 PM

Quant Time: Jan 31 03:21:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 31 01:08:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1432240	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1237617	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	540469	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	385700	17.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.00%
7) Chloroethane-d5	2.89	69	373415	19.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.48%
10) 1,1-Dichloroethene-d2	4.01	63	690023	16.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.24%
20) 2-Butanone-d5	7.07	46	260107	40.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.76%
24) Chloroform-d	7.65	84	878983	22.23	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.92%
26) 1,2-Dichloroethane-d4	8.30	65	466797	21.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.68%
29) Benzene-d6	8.27	84	1890163	24.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.08%
33) 1,2-Dichloropropane-d6	9.27	67	599256	24.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.00%
37) Toluene-d8	10.32	98	1651490	23.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.20%
38) trans-1,3-Dichloropropene-	10.57	79	225758	23.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.60%
39) 2-Hexanone-d5	10.92	63	205401	45.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	398247	20.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	496639	23.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.80%

Target Compounds					Ovalue
16) Methylene chloride	4.91	84	50754m	2.097 ug/L	
44) Toluene	10.38	91	71425	0.887 ug/L	97

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

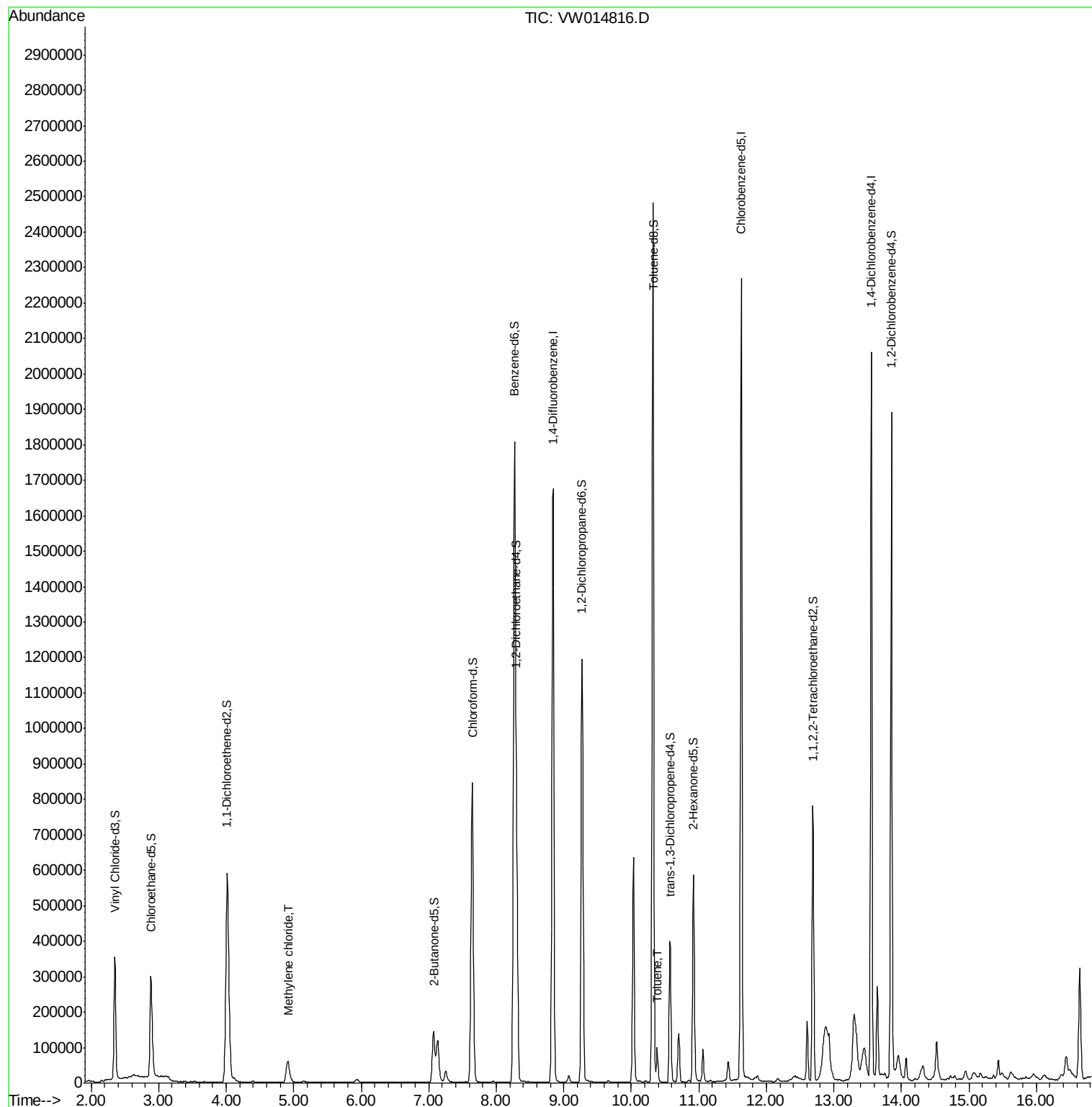
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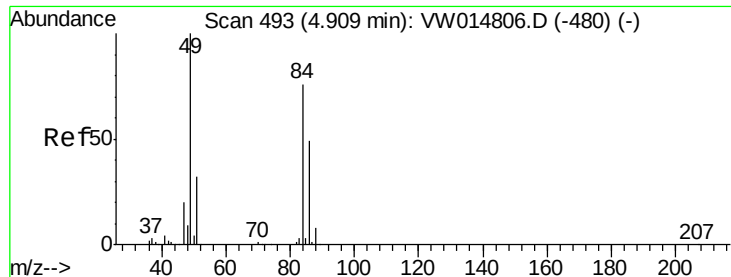
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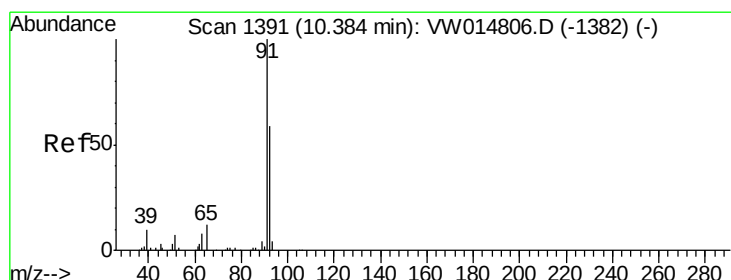
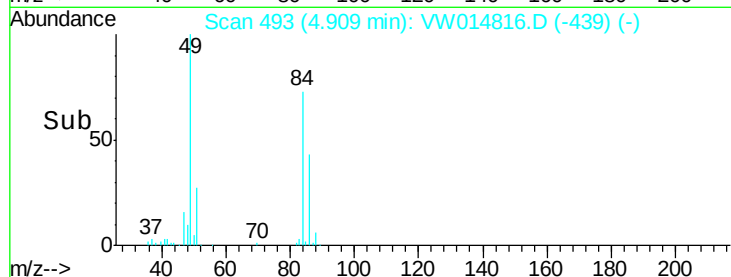
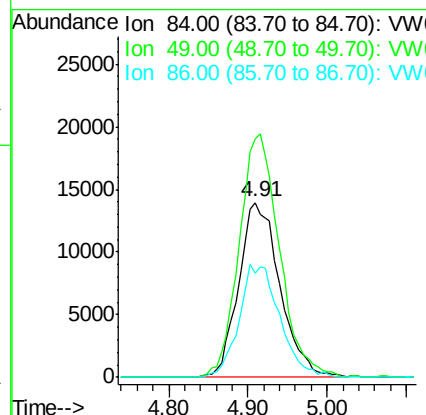
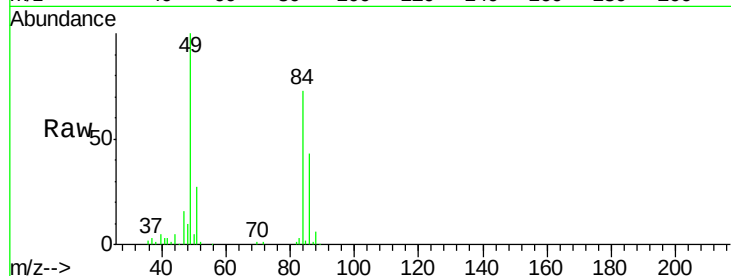
#16
Methvlene chloride
Concen: 2.097 ug/L m
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW014816.D
Acq: 30 Jan 2020 19:03

Instrument :
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Tot Ion	Ratio	Lower	Upper
84	100		
49	136.6	90.9	168.7
86	59.4	43.5	80.7

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#44
Toluene
Concen: 0.887 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW014816.D
Acq: 30 Jan 2020 19:03

Tgt Ion	Ratio	Lower	Upper
91	100		
92	60.1	40.7	75.7

