

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020520\
 Data File : VW014882.D
 Acq On : 05 Feb 2020 21:33
 Operator : SY/VA
 Sample : L1324-19
 Misc : 5.10G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAT74

Manual Integrations
 APPROVED

MMDadoda
 2/6/2020 4:45:27 PM

Quant Time: Feb 06 03:46:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 06 02:59:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	59224	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	48034	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	7177	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	28135	28.70	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	114.80%		
7) Chloroethane-d5	2.89	69	33784	43.04	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	172.16%#		
10) 1,1-Dichloroethene-d2	4.02	63	42842m	23.92	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	95.68%		
20) 2-Butanone-d5	7.08	46	16407	59.63	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	119.26%		
24) Chloroform-d	7.65	84	66544	39.57	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	158.28%#		
26) 1,2-Dichloroethane-d4	8.31	65	37723	40.54	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	162.16%#		
29) Benzene-d6	8.27	84	113784	36.84	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	147.36%#		
33) 1,2-Dichloropropane-d6	9.27	67	42198	41.92	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	167.68%#		
37) Toluene-d8	10.32	98	72321	26.60	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	106.40%		
38) trans-1,3-Dichloropropene-	10.58	79	10467	26.33	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	105.32%		
39) 2-Hexanone-d5	10.93	63	7433	40.51	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	81.02%		
48) 1,1,2,2-Tetrachloroethane-	12.69	84	28434	37.51	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	150.04%#		
61) 1,2-Dichlorobenzene-d4	13.85	152	10586	38.04	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	152.16%#		
Target Compounds						
16) Methylene chloride	4.93	84	4881	4.524	ug/L	73
44) Toluene	10.39	91	5007	1.493	ug/L	99

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

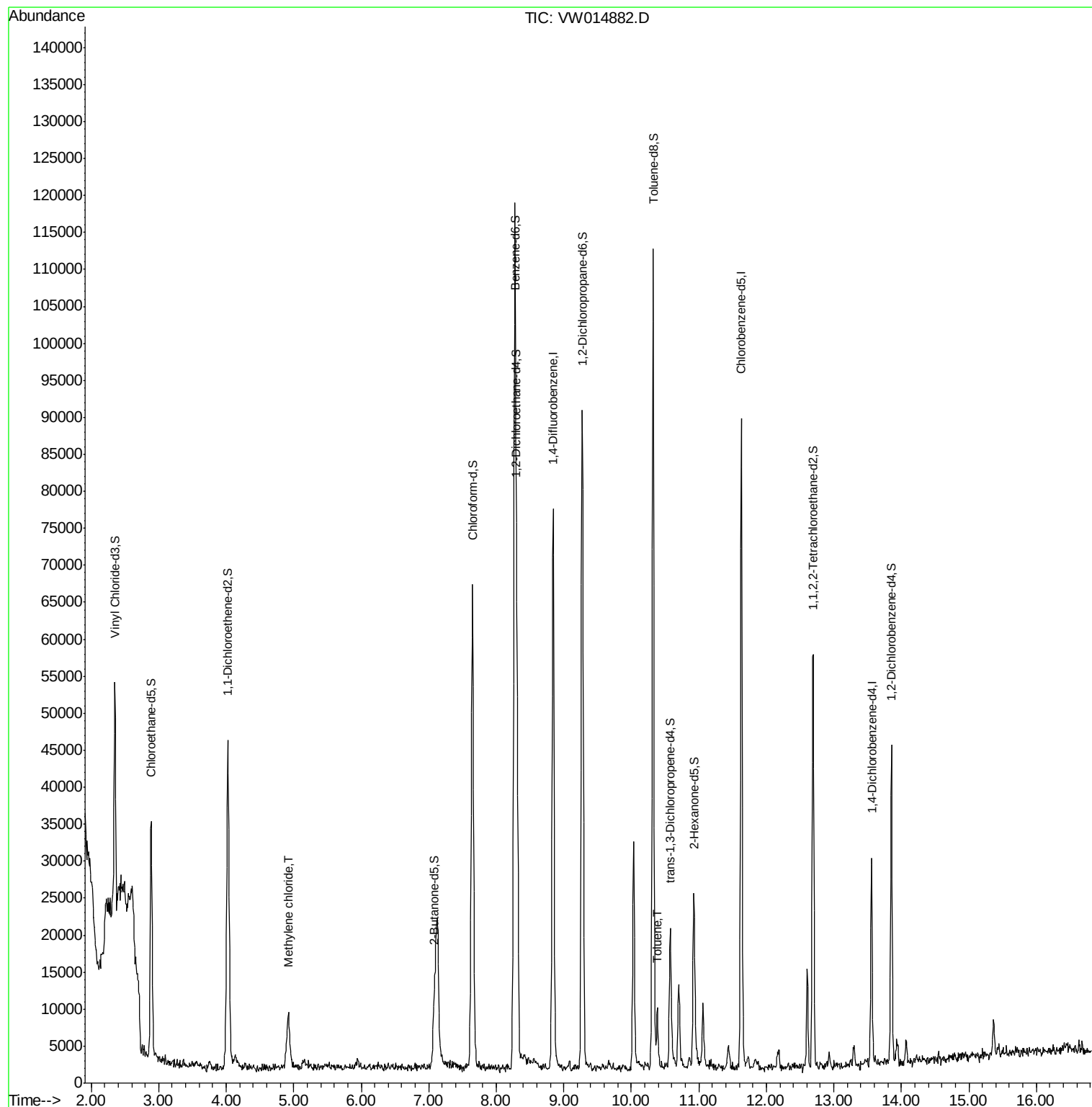
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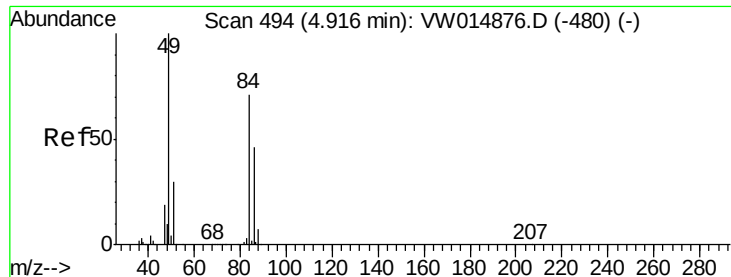
Instrument :
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ClientSampled :
GAT74

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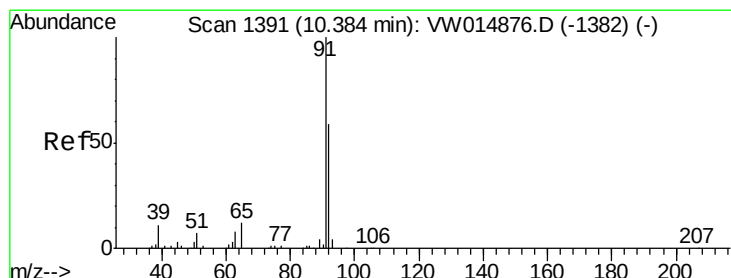
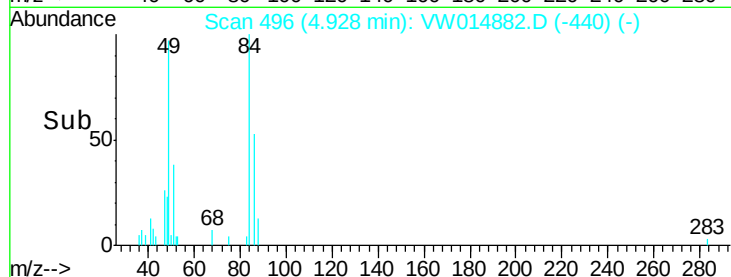
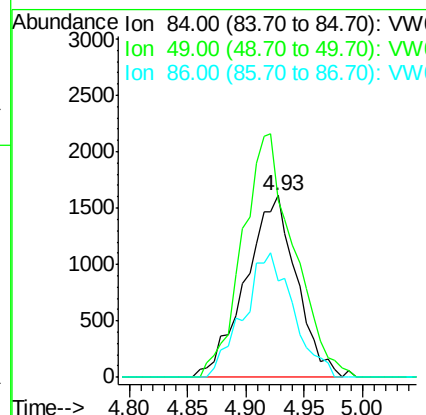
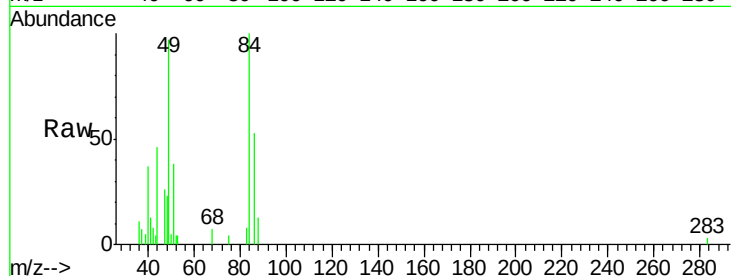
#16
Methylene chloride
Concen: 4.524 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW014882.D
Acq: 05 Feb 2020 21:33

Instrument :
MSVOA_W
ClientSampled :
GAT74

Tot Ion	Ratio	Lower	Upper
84	100		
49	97.4	95.8	177.8
86	52.6	44.2	82.2

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#44
Toluene
Concen: 1.493 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. 0.01 min
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Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.5	41.4	77.0

