

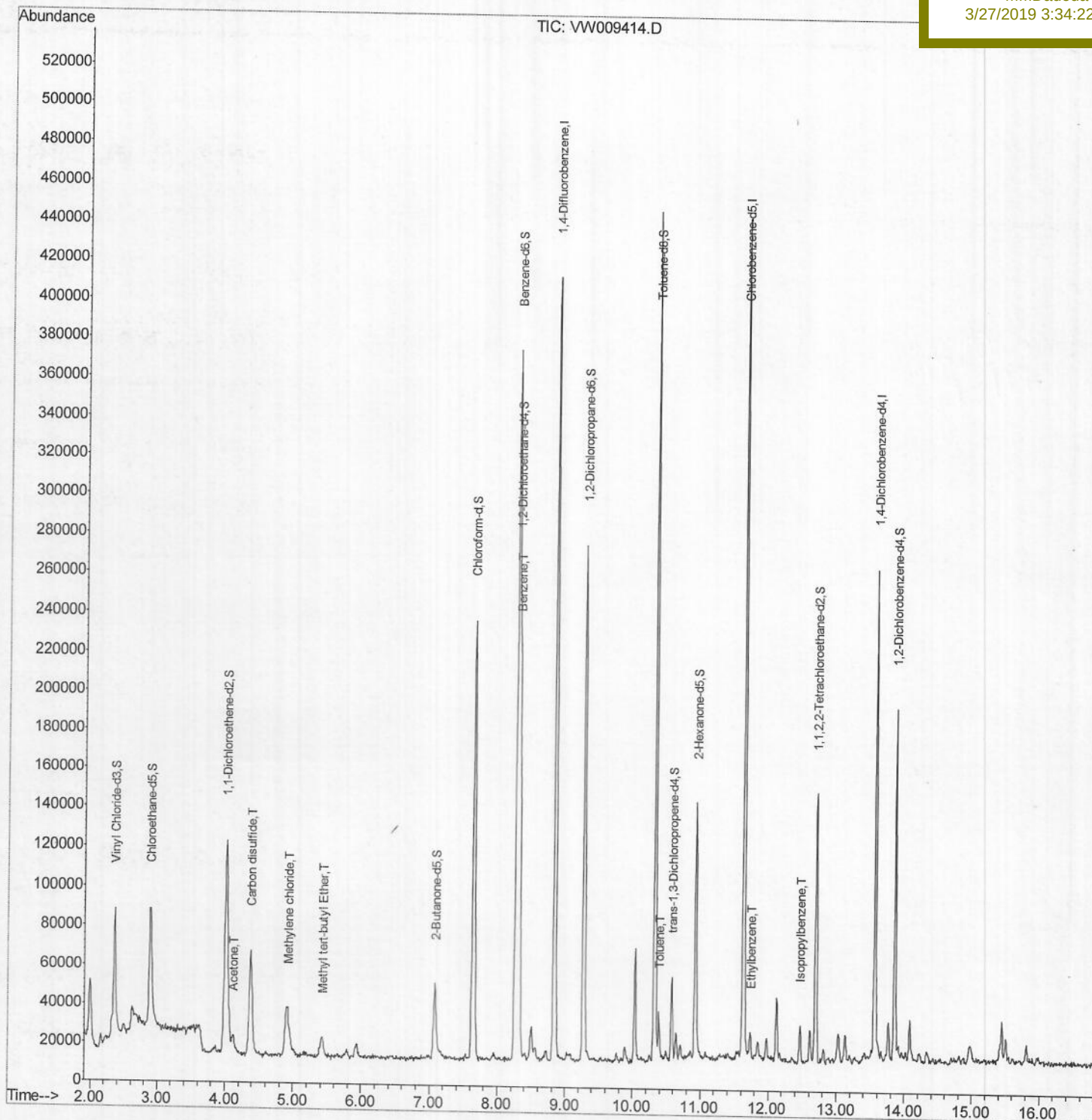
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032319\
Data File : VW009414.D
Acq On : 24 Mar 2019 02:38
Operator : SY/VA
Sample : K2031-06RE
Misc : 2.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 24 14:57:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 23 23:52:05 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampled :
BF5W1RE

Manual Integrations
APPROVED

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3/27/2019 3:34:22 PM



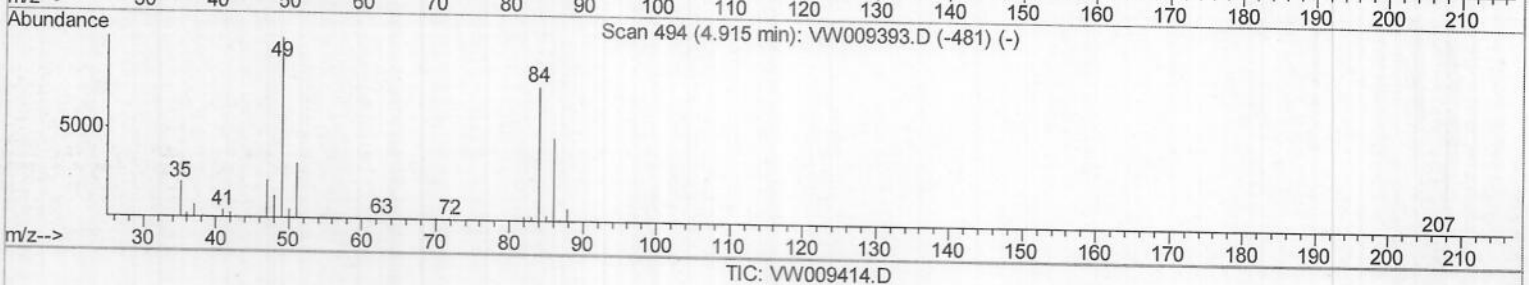
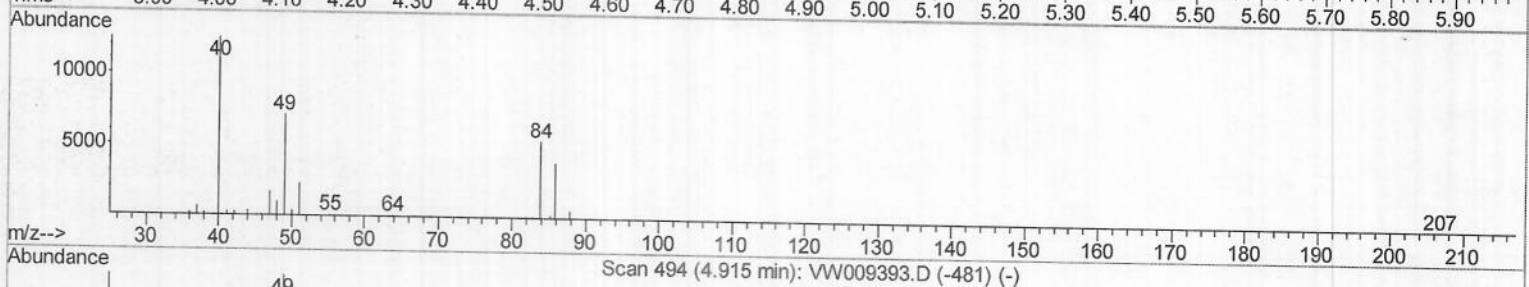
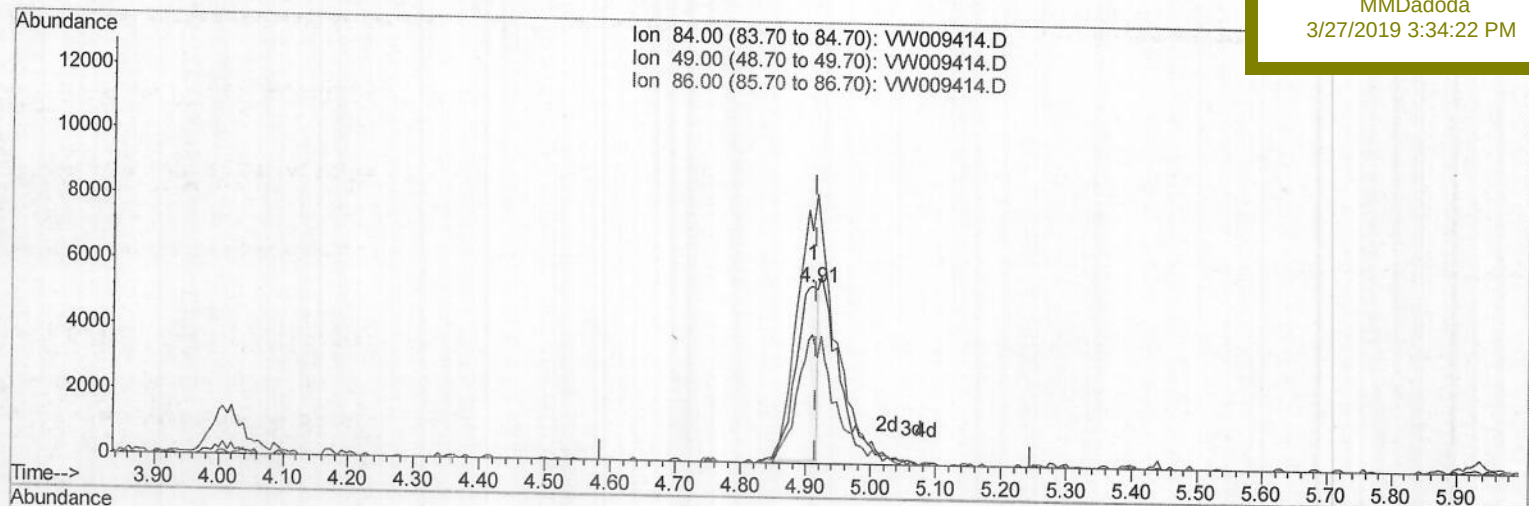
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Quant Time: Mar 24 04:16:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
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(16) Methylene chloride (T)

4.910min (-0.006) 2.62ug/L

response 12153

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	131.67
86.00	63.50	72.68
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032319\
Quantitation Report (Qedit)

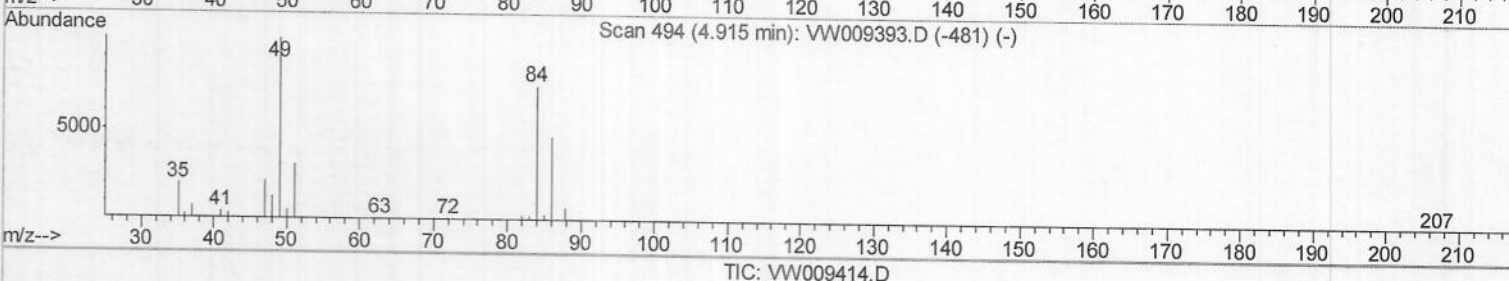
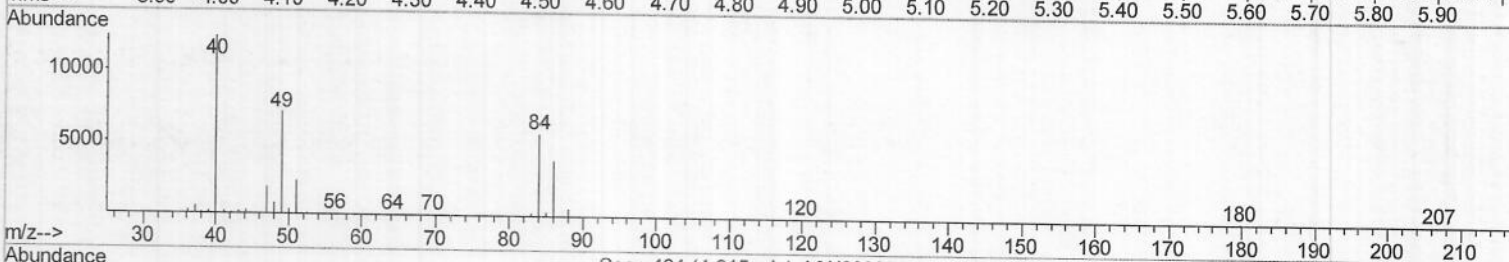
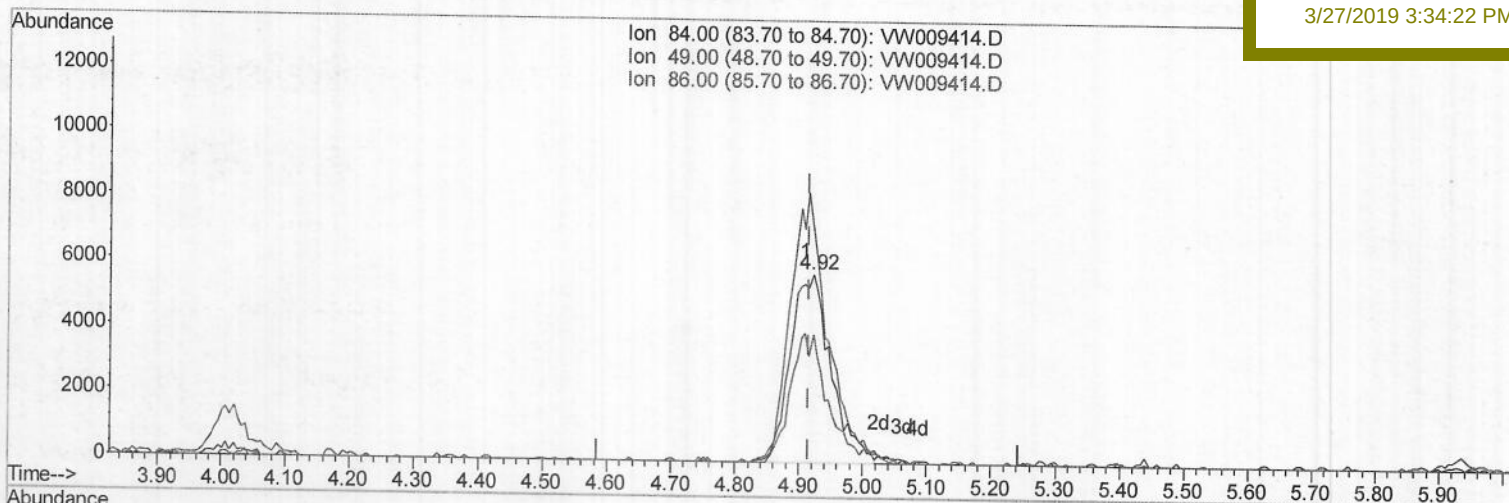
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MSVOA_W
Client Sample Id :
BF5W1RE

Manual Integrations
APPROVED

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(16) Methylene chloride (T)

4.922min (+0.006) 5.45ug/L m

response 25260

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	124.35
86.00	63.50	67.77
0.00	0.00	0.00

m.D
4/5/19

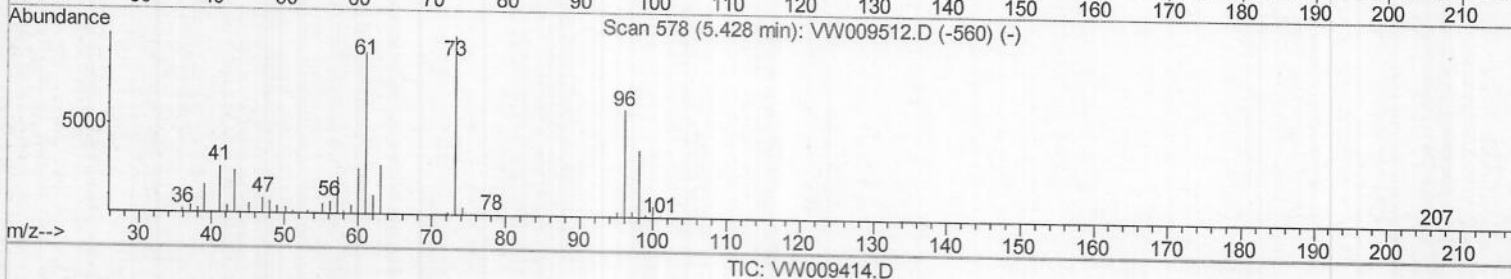
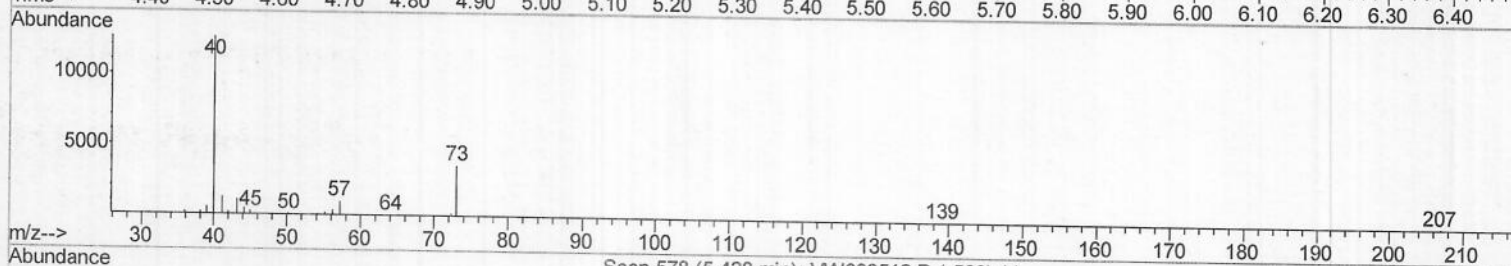
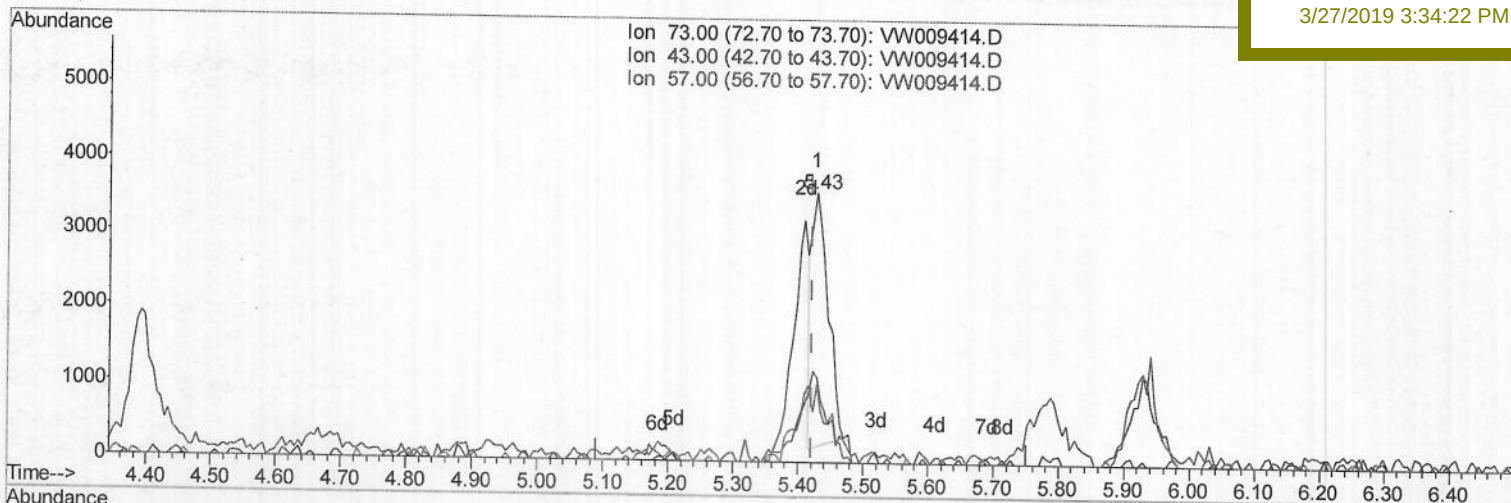
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ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 08 07:40:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 03 04:08:07 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BF5W1RE

Manual Integrations
APPROVED

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3/27/2019 3:34:22 PM



(17) Methyl tert-butyl Ether (T)

5.428min (+0.006) 1.04ug/L

response 5747

Ion	Exp%	Act%
73.00	100	100
43.00	22.80	52.46#
57.00	22.30	20.24
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032319\
Quantitation Report (Qedit)

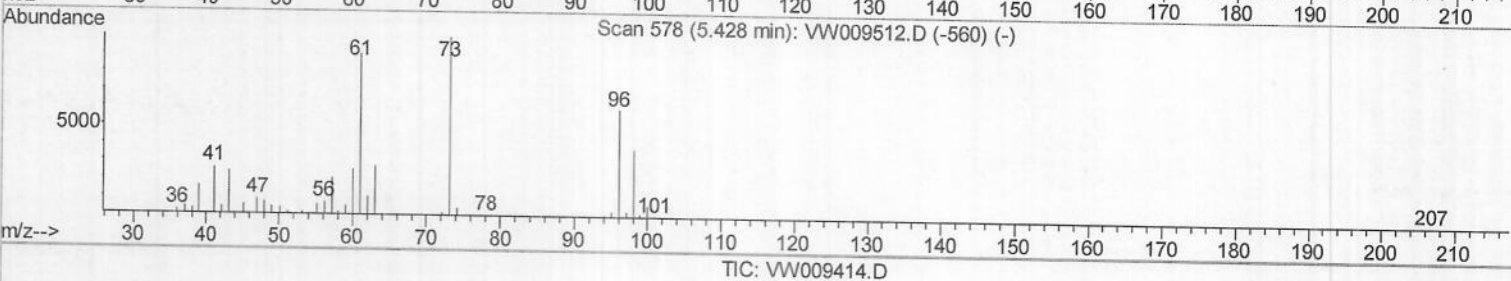
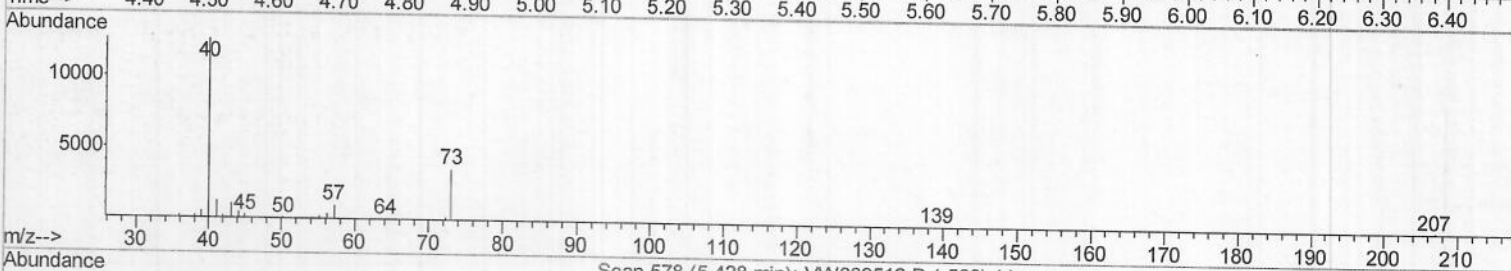
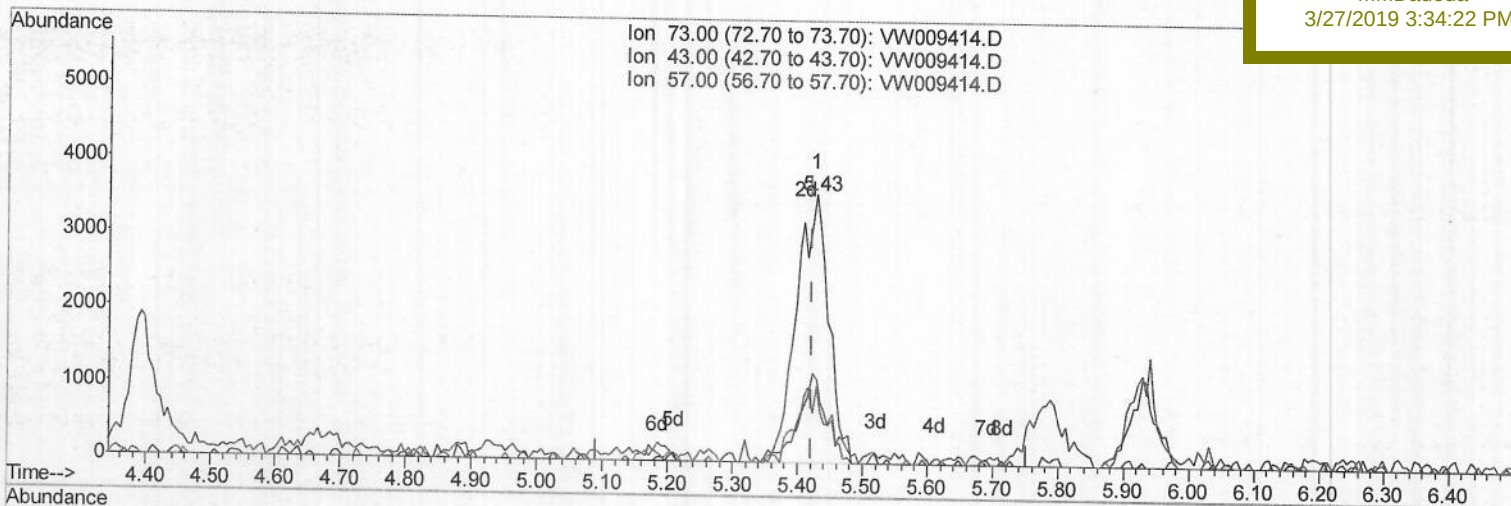
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ClientSampleId :
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Manual Integrations
APPROVED

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3/27/2019 3:34:22 PM



(17) Methyl tert-butyl Ether (T)

5.428min (+0.006) 2.23ug/L m

response 12363

Ion	Exp%	Act%
73.00	100	100
43.00	22.80	24.39
57.00	22.30	9.41#
0.00	0.00	0.00

m.D
4/5/19

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	317800	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	223137	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	60100	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	84033	22.13	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	88.52%		
7) Chloroethane-d5	2.89	69	92310	20.77	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	83.08%		
10) 1,1-Dichloroethene-d2	4.01	63	129642	15.79	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	63.16%		
20) 2-Butanone-d5	7.07	46	64427	41.02	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	82.04%		
24) Chloroform-d	7.64	84	201542	23.24	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	92.96%		
26) 1,2-Dichloroethane-d4	8.30	65	116042	22.21	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	88.84%		
29) Benzene-d6	8.27	84	355792	28.91	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	115.64%		
33) 1,2-Dichloropropane-d6	9.27	67	110080	29.78	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	119.12%		
37) Toluene-d8	10.32	98	264980	23.29	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	93.16%		
38) trans-1,3-Dichloropropene-	10.58	79	20294	10.93	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	43.72%		
39) 2-Hexanone-d5	10.93	63	36858	41.17	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	82.34%		
48) 1,1,2,2-Tetrachloroethane-	12.69	84	61724	16.96	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	67.84%		
61) 1,2-Dichlorobenzene-d4	13.86	152	45417	19.71	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	78.84%		

Target Compounds

					Ovalue
13) Acetone	4.12	43	13677	10.619	ug/L 98
14) Carbon disulfide	4.38	76	109284	10.376	ug/L 96
16) Methylene chloride	4.92	84	25474m	5.497	ug/L
17) Methyl tert-butyl Ether	5.43	73	12363m	2.233	ug/L
34) Benzene	8.32	78	80096	6.558	ug/L 100
44) Toluene	10.38	91	15902	1.191	ug/L 97
53) Ethylbenzene	11.73	91	7660	0.510	ug/L 85
57) Isopropylbenzene	12.46	105	9894	0.664	ug/L 98

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

mD
 4/5/19