Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121719\
Data File : VW014386.D
Acq On : 17 Dec 2019 12:25
Operator : SY/VA
Sample : K6270-12
Misc : 4.83G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETK88

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Quant Time: Dec 18 11:13:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 18 01:35:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	9174	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	4122m	25.00	ug/L	0.01
60) 1,4-Dichlorobenzene-d4	13.57	152	893	25.00	ug/L	0.01
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	4966	35.75	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 143.00%			
7) Chloroethane-d5	2.90	69	4581	44.35	ug/L	0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 177.40%#			
10) 1,1-Dichloroethene-d2	4.03	63	6258	25.50	ug/L	0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 102.00%			
20) 2-Butanone-d5	7.09	46	2349m	64.89	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 129.78%			
24) Chloroform-d	7.65	84	8854	37.91	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 151.64%#			
26) 1,2-Dichloroethane-d4	8.31	65	6028	49.22	ug/L	0.01
Spiked Amount 25.000	Range 70 - 130		Recovery = 196.88%#			
29) Benzene-d6	8.28	84	13556	56.11	ug/L	0.01
Spiked Amount 25.000	Range 20 - 135		Recovery = 224.44%#			
33) 1,2-Dichloropropane-d6	9.27	67	4914	66.12	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 264.48%#			
37) Toluene-d8	10.32	98	6719	30.76	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 123.04%			
38) trans-1,3-Dichloropropene-	10.59	79	1154m	37.01	ug/L	0.02
Spiked Amount 25.000	Range 30 - 135		Recovery = 148.04%#			
39) 2-Hexanone-d5	10.95	63	433m	29.30	ug/L	0.03
Spiked Amount 50.000	Range 20 - 135		Recovery = 58.60%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	3727	61.54	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 246.16%#			
61) 1,2-Dichlorobenzene-d4	13.86	152	1094	32.06	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 128.24%#			
Target Compounds						Qvalue
16) Methylene chloride	4.93	84	591m	4.202	ug/L	
30) Cyclohexane	7.95	56	319	3.101	ug/L #	71
36) Methylcyclohexane	9.32	83	79	0.704	ug/L #	1

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

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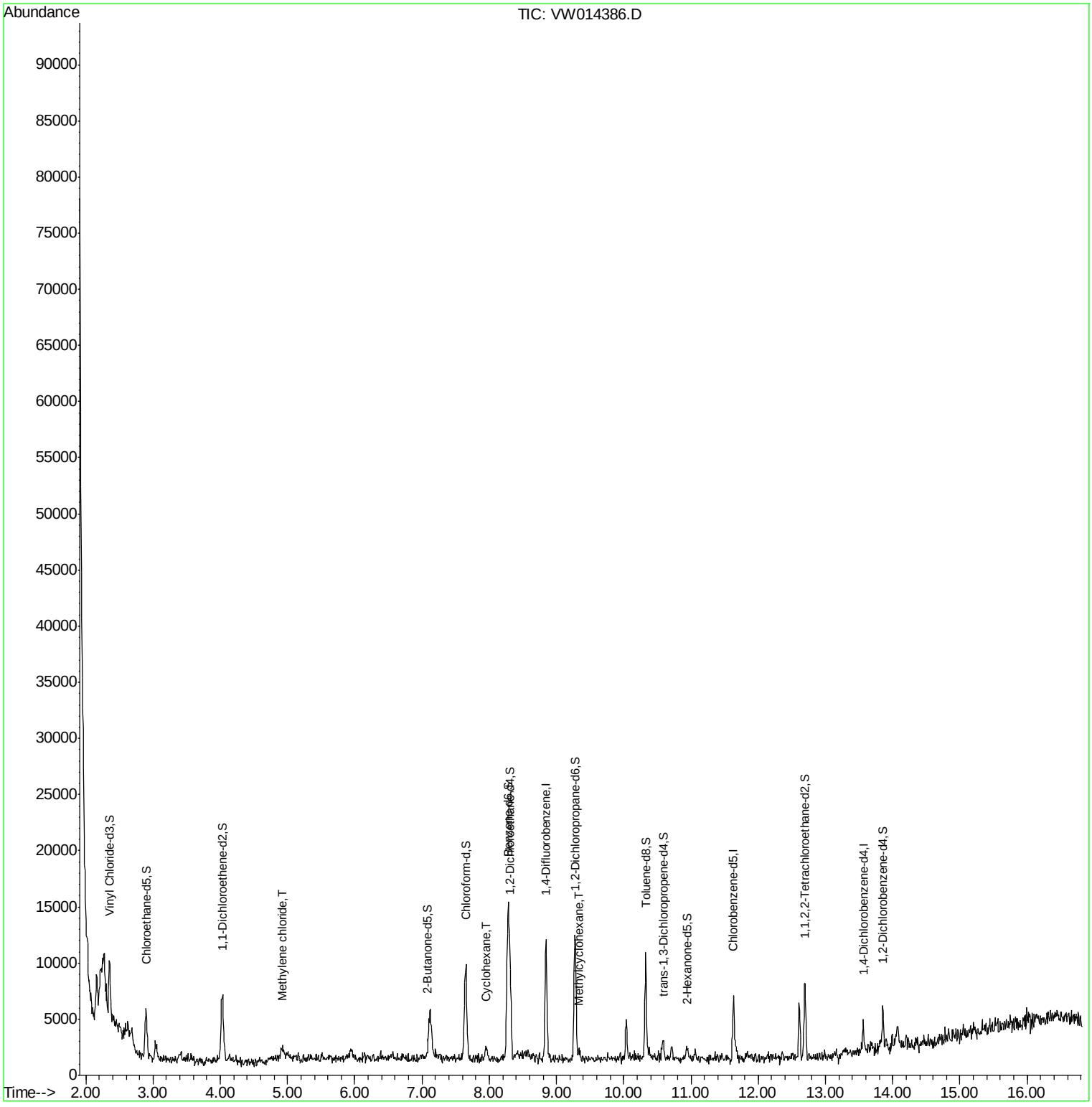
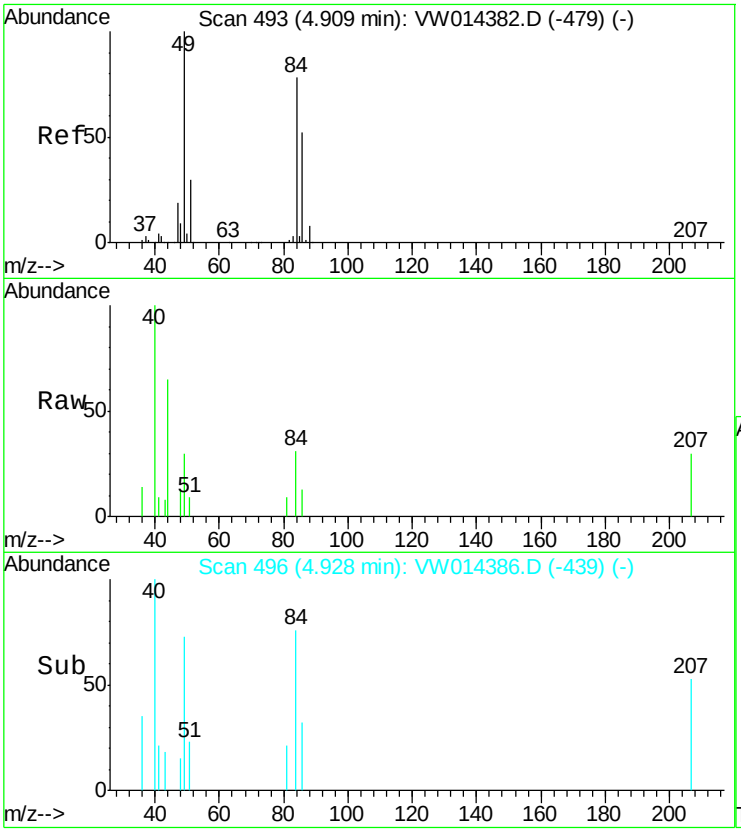
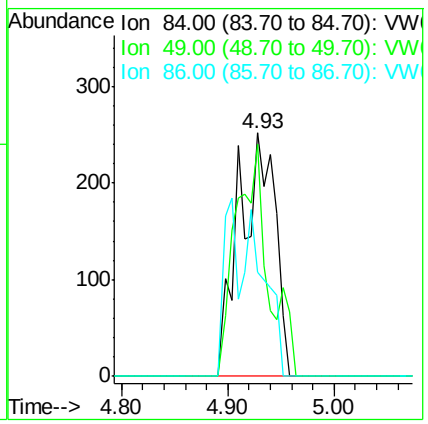




#16
Methylene chloride
Concen: 4.202 ug/L m
RT: 4.93 min Scan# 496
Delta R.T. 0.02 min
Lab File: VW014386.D
Acq: 17 Dec 2019 12:25

Tgt Ion: 84 Resp: 591

Ion	Ratio	Lower	Upper
84	100		
49	95.2	84.2	156.4
86	42.5	43.7	81.1#



Instrument :
MSVOA_W
ClientSampleId :
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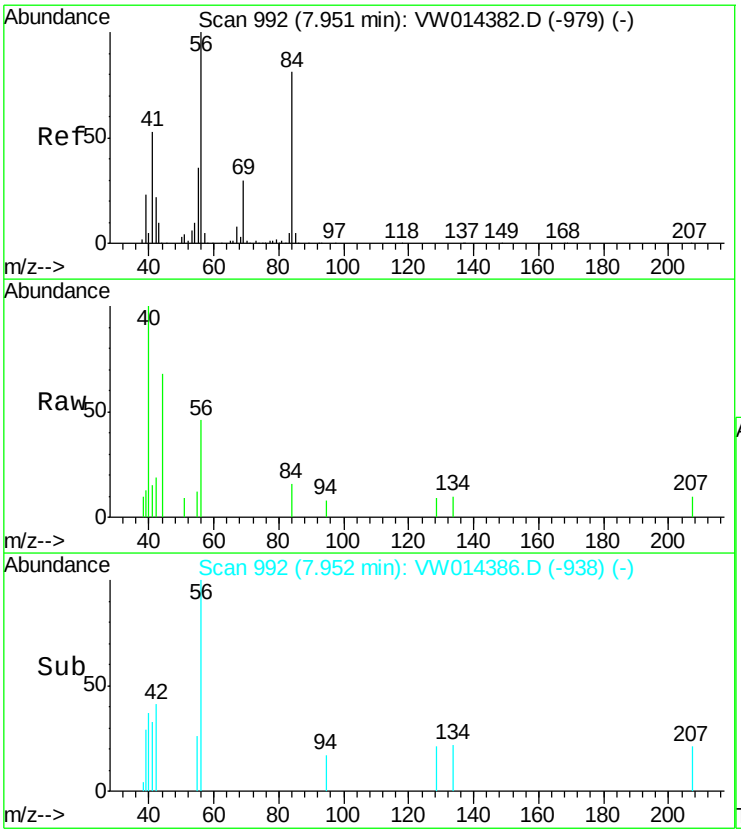
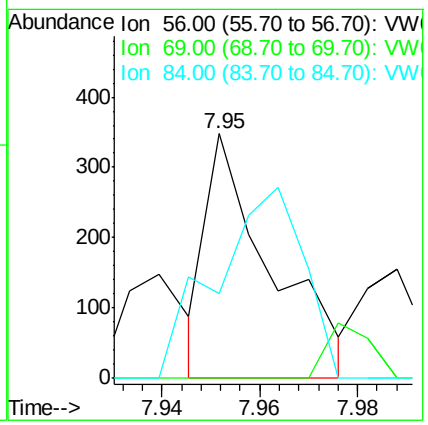
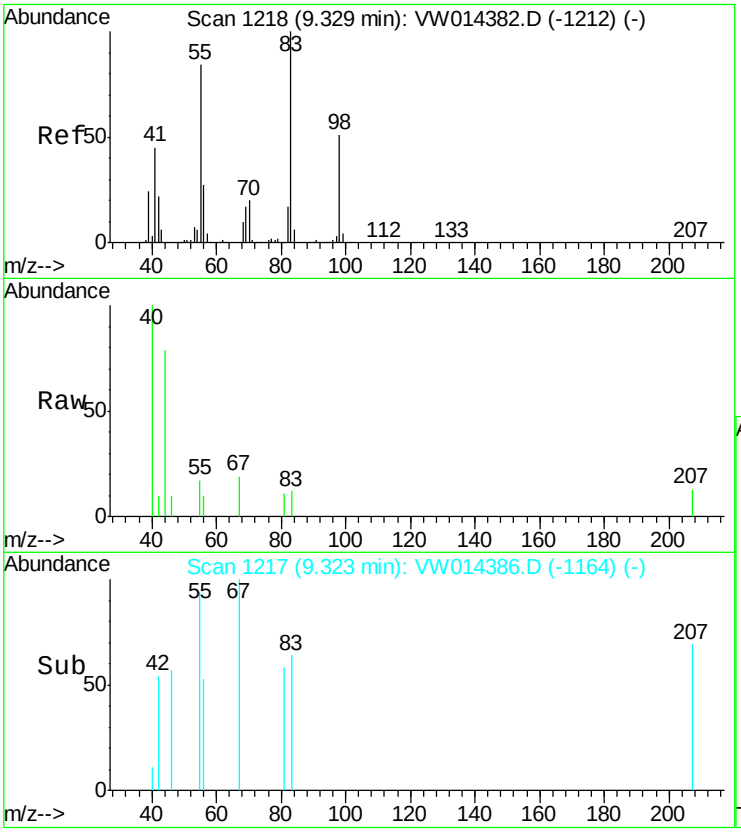


#30
Cyclohexane
Concen: 3.101 ug/L
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW014386.D
Acq: 17 Dec 2019 12:25

Tgt Ion: 56 Resp: 319

Ion	Ratio	Lower	Upper
56	100		
69	0.0	24.6	37.0#
84	105.6	70.2	105.2#

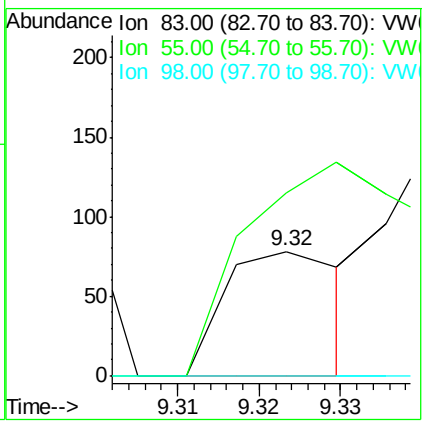




#36
Methylcyclohexane
Concen: 0.704 ug/L
RT: 9.32 min Scan# 1217
Delta R.T. -0.01 min
Lab File: VW014386.D
Acq: 17 Dec 2019 12:25

Tgt Ion: 83 Resp: 79

Ion	Ratio	Lower	Upper
83	100		
55	257.0	59.8	89.8#
98	0.0	39.5	59.3#



Instrument :
MSVOA_W
ClientSampleId :
ETK88

Manual Integrations APPROVED
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