Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020620\

Quantitation Report (Not Reviewed)

Data File : VW014903.D
Acq On : 06 Feb 2020 18:06
Operator : SY/VA
Sample : L1386-09
Misc : 5.63G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F3S07

Quant Time: Feb 07 06:02:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 07 05:58:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	801908	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	754312	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	296558	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	274954	20.71	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 82.84%			
7) Chloroethane-d5	2.89	69	268371	25.25	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 101.00%			
10) 1,1-Dichloroethene-d2	4.02	63	411998	16.99	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 67.96%			
20) 2-Butanone-d5	7.07	46	184755	49.59	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 99.18%			
24) Chloroform-d	7.65	84	600858	26.39	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 105.56%			
26) 1,2-Dichloroethane-d4	8.40	65	336	0.03	ug/L	0.09
Spiked Amount 25.000	Range 70 - 130		Recovery = 0.12%#			
29) Benzene-d6	8.27	84	1188640	24.50	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 98.00%			
33) 1,2-Dichloropropane-d6	9.27	67	419845	26.56	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 106.24%			
37) Toluene-d8	10.32	98	1020868	23.91	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 95.64%			
38) trans-1,3-Dichloropropene-	10.58	79	138021	22.11	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 88.44%			
39) 2-Hexanone-d5	10.92	63	130527	45.30	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.60%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	297206	24.97	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 99.88%			
61) 1,2-Dichlorobenzene-d4	13.85	152	306674	26.67	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 106.68%			

Target Compounds						Qvalue
13) Acetone	4.12	43	20177	5.247	ug/L	97
16) Methylene chloride	4.92	84	25219	1.726	ug/L	97
49) 2-Hexanone	10.92	43	18814	2.943	ug/L #	68
59) 1,2,3-Trichloropropane	13.55	75	41916	4.885	ug/L	92

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

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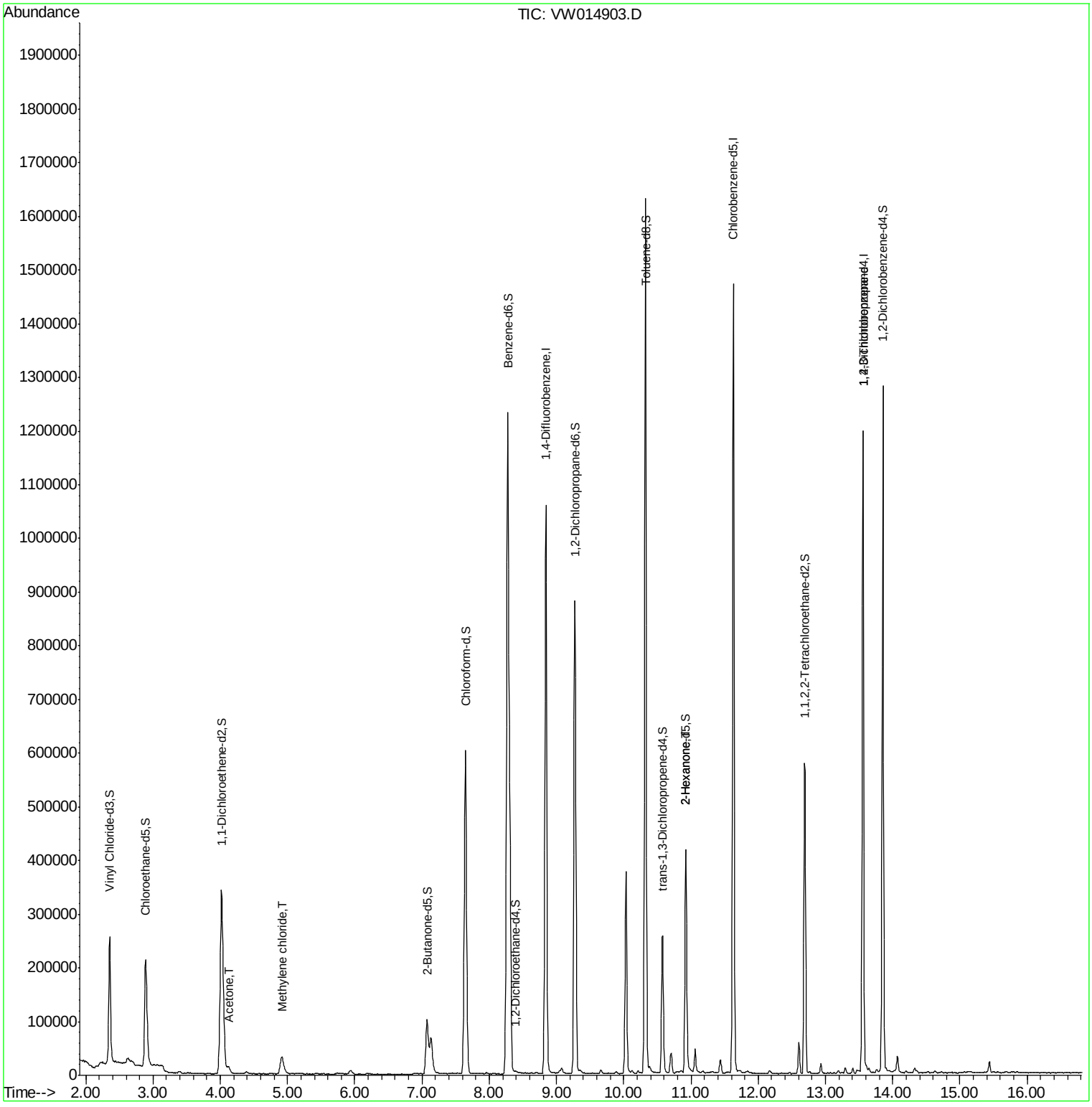
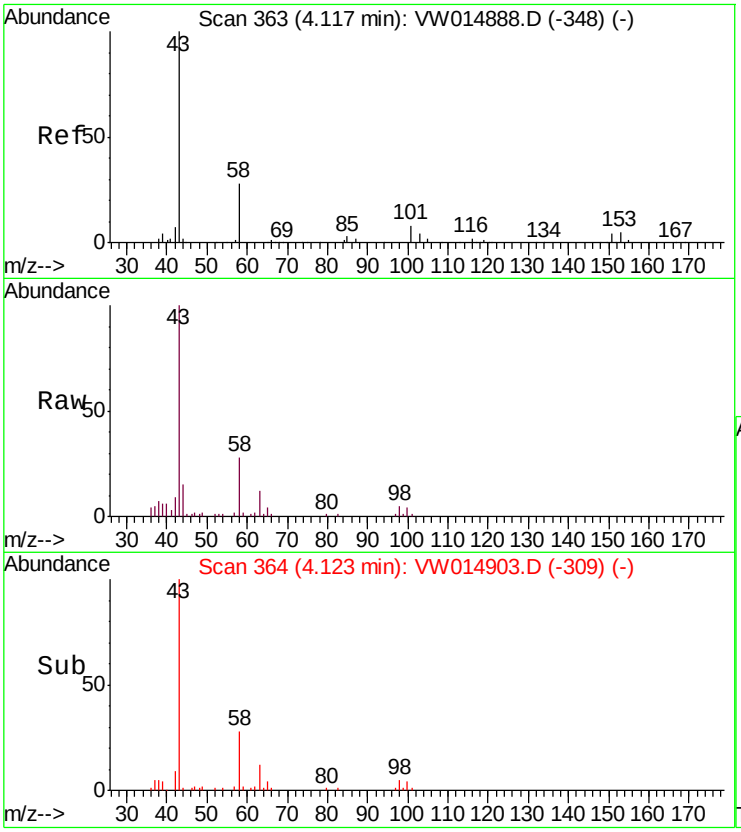


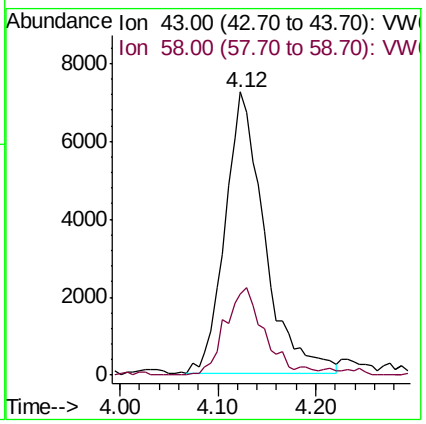


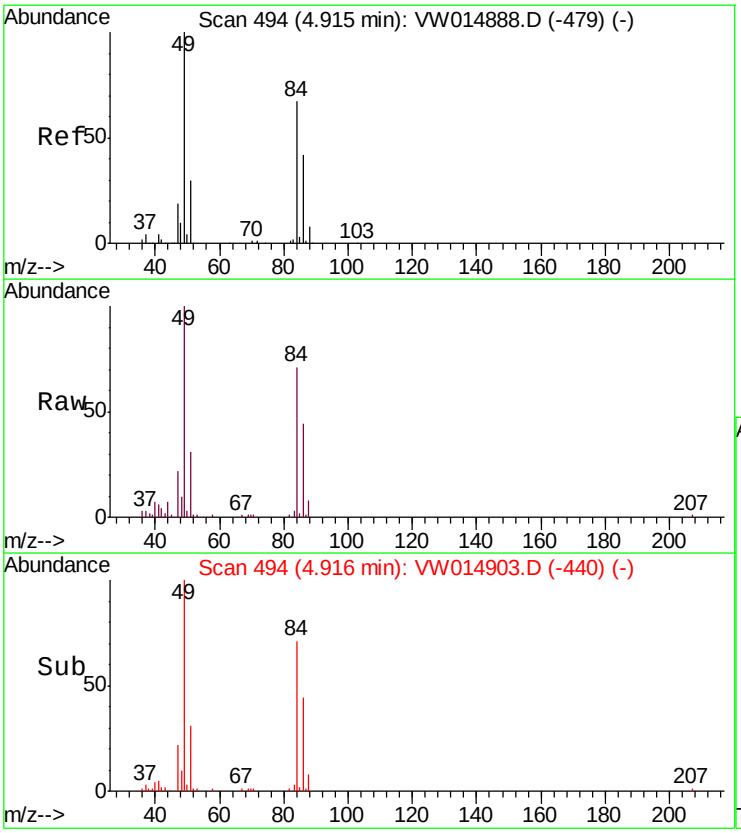
#13
Acetone
Concen: 5.247 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW014903.D
Acq: 06 Feb 2020 18:06

Instrument : MSVOA_W
ClientSampleId : F3S07

Tgt Ion: 43 Resp: 20177

Ion	Ratio	Lower	Upper
43	100		
58	28.4	0.0	60.4

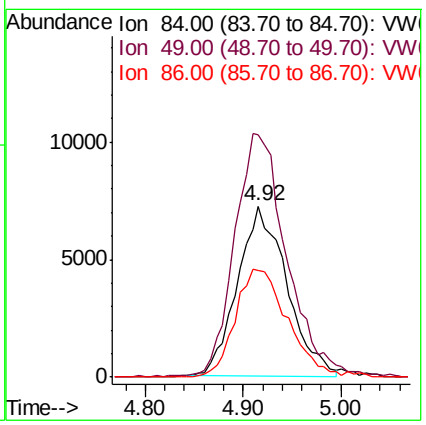


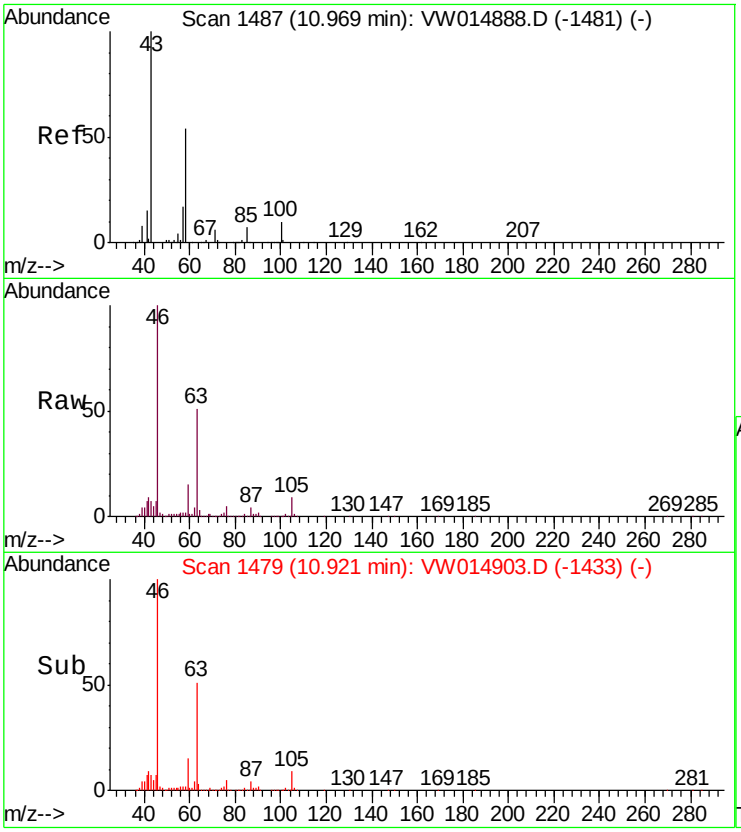


#16
Methylene chloride
Concen: 1.726 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW014903.D
Acq: 06 Feb 2020 18:06

Tgt Ion: 84 Resp: 25219

Ion	Ratio	Lower	Upper
84	100		
49	141.4	95.8	177.8
86	62.1	44.2	82.2



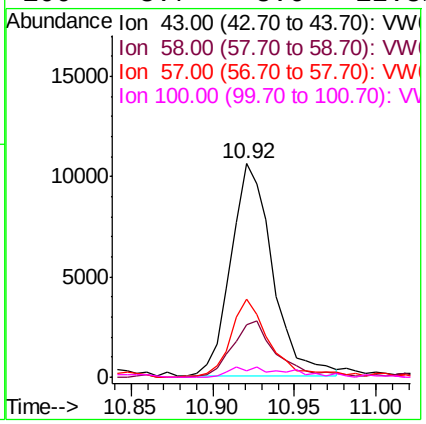


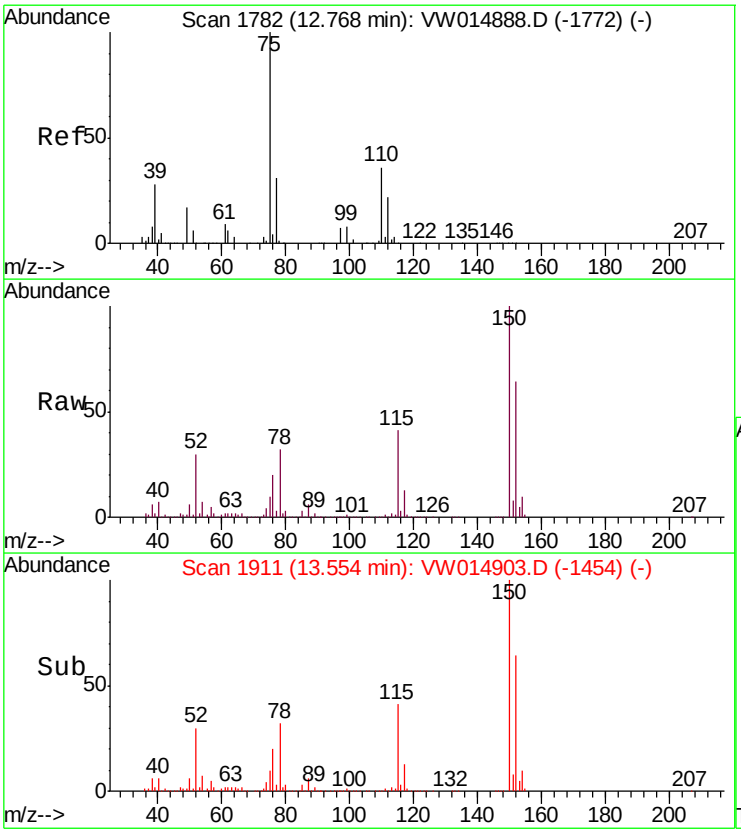
#49
2-Hexanone
Concen: 2.943 ug/L
RT: 10.92 min Scan# 1479
Delta R.T. -0.05 min
Lab File: VW014903.D
Acq: 06 Feb 2020 18:06

Instrument : MSVOA_W
ClientSampleId : F3S07

Tgt Ion: 43 Resp: 18814

Ion	Ratio	Lower	Upper
43	100		
58	28.4	42.2	63.2#
57	32.2	14.5	21.7#
100	3.7	8.6	12.8#





#59
1,2,3-Trichloropropane
Concen: 4.885 ug/L
RT: 13.55 min Scan# 1911
Delta R.T. 0.79 min
Lab File: VW014903.D
Acq: 06 Feb 2020 18:06

Tgt Ion: 75 Resp: 41916

Ion	Ratio	Lower	Upper
75	100		
77	37.1	25.9	38.9