Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112519\

Quantitation Report (Not Reviewed)

Data File : VW014111.D
Acq On : 25 Nov 2019 15:09
Operator : SY/VA
Sample : K6007-03
Misc : 5.83G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BL1

Quant Time: Nov 26 07:48:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 26 07:45:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	308284	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	253061	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	82696	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	92618	18.83	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 75.32%			
7) Chloroethane-d5	2.89	69	90682	22.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.96%			
10) 1,1-Dichloroethene-d2	4.01	63	153459	15.20	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 60.80%			
20) 2-Butanone-d5	7.07	46	74860	52.39	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.78%			
24) Chloroform-d	7.65	84	248099	26.17	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 104.68%			
26) 1,2-Dichloroethane-d4	8.30	65	126001	26.44	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.76%			
29) Benzene-d6	8.27	84	502284	27.97	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 111.88%			
33) 1,2-Dichloropropane-d6	9.27	67	159150	30.26	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 121.04%#			
37) Toluene-d8	10.32	98	430109	25.26	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 101.04%			
38) trans-1,3-Dichloropropene-	10.57	79	46541	20.66	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 82.64%			
39) 2-Hexanone-d5	10.92	63	52963	53.10	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.20%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	118145	29.75	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 119.00%			
61) 1,2-Dichlorobenzene-d4	13.85	152	107937	32.49	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 129.96%#			
Target Compounds						Qvalue
16) Methylene chloride	4.91	84	16015	2.698	ug/L	86
35) Trichloroethene	8.84	95	8707	1.758	ug/L #	2
36) Methylcyclohexane	9.33	83	3901	0.439	ug/L	90
42) cis-1,3-Dichloropropene	10.03	75	3661	0.519	ug/L #	71

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

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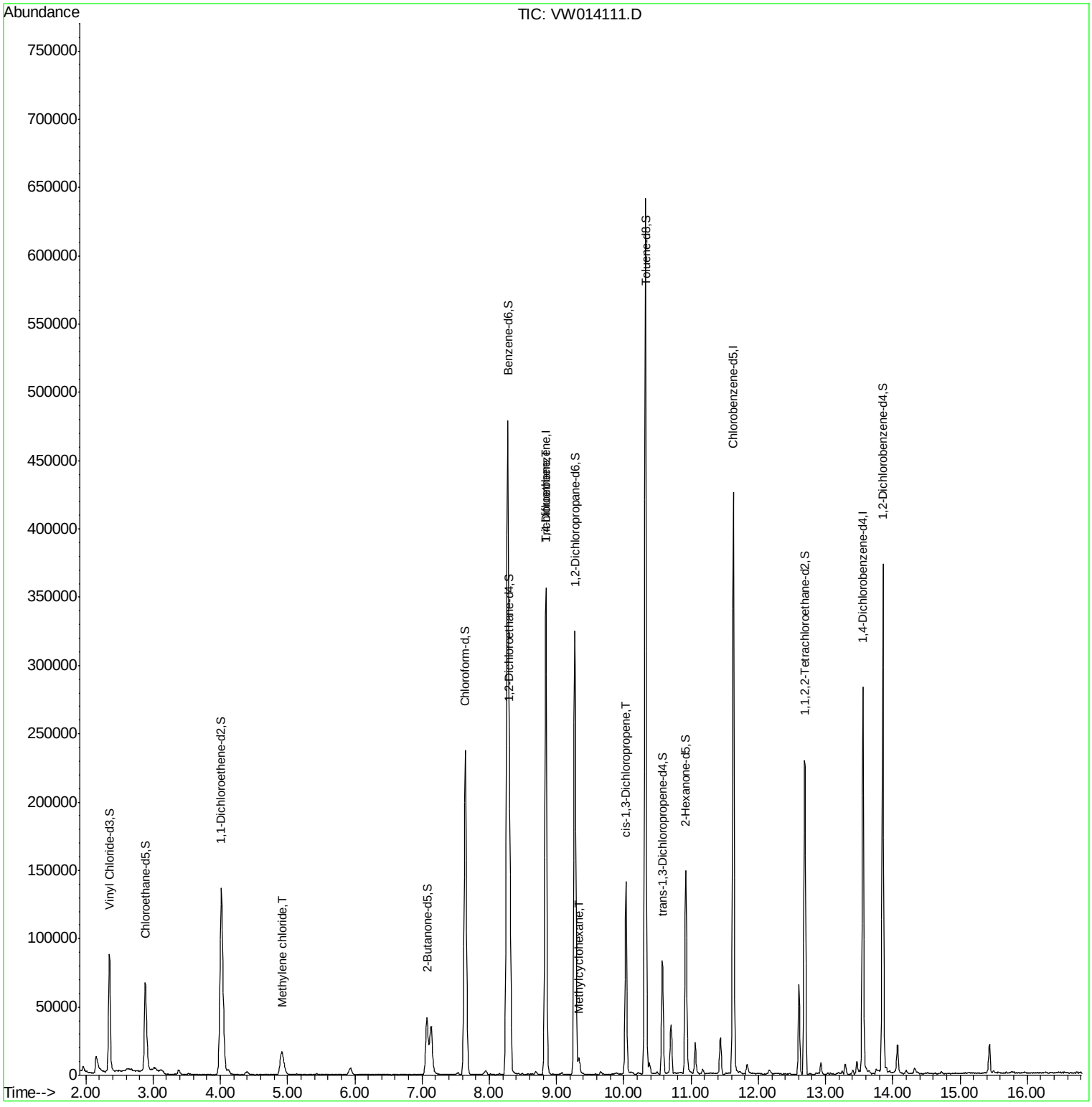
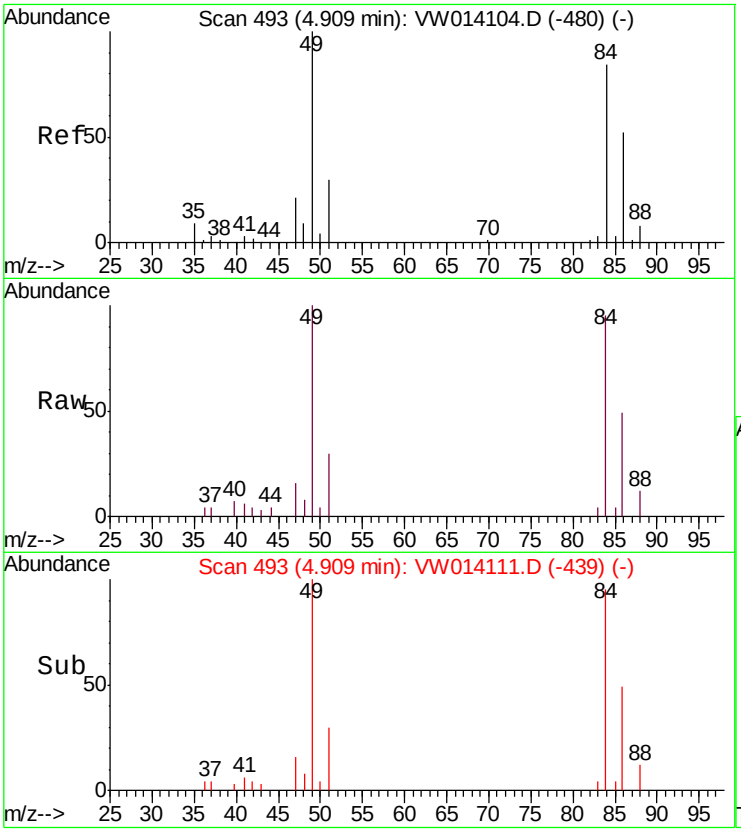
Quant Title : VOC Analysis
QLast Update : Tue Nov 26 07:45:45 2019
Response via : Initial Calibration



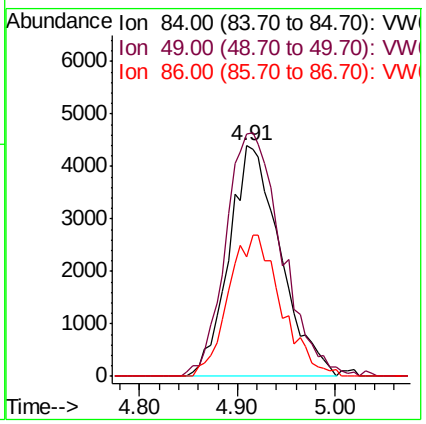


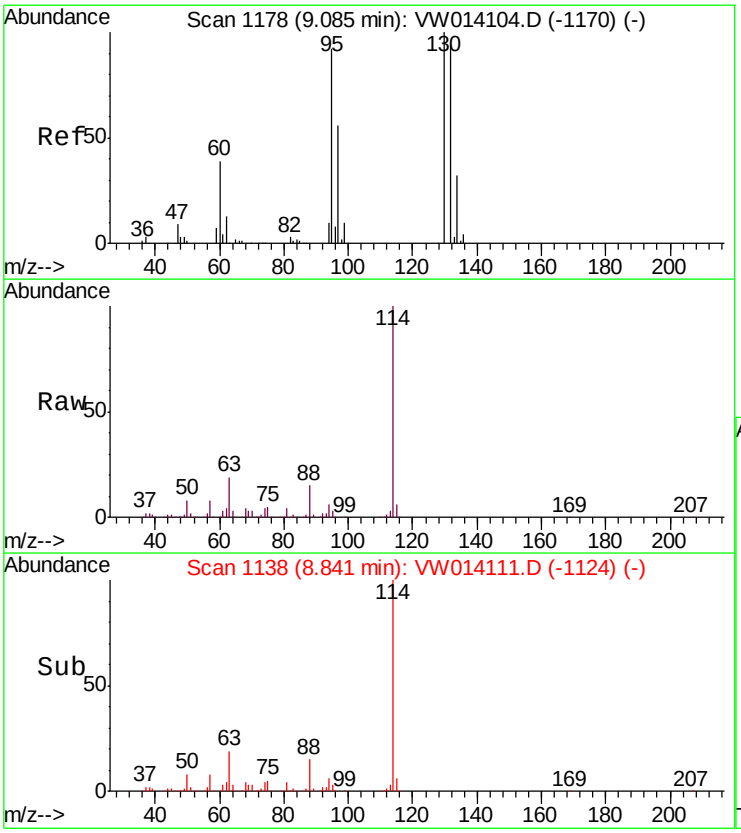
#16
Methylene chloride
Concen: 2.698 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW014111.D
Acq: 25 Nov 2019 15:09

Instrument : MSVOA_W
ClientSampleId : C0BL1

Tgt Ion: 84 Resp: 16015

Ion	Ratio	Lower	Upper
84	100		
49	105.2	84.2	156.4
86	52.0	43.7	81.1

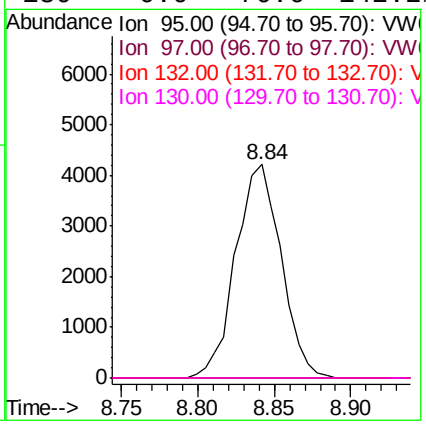


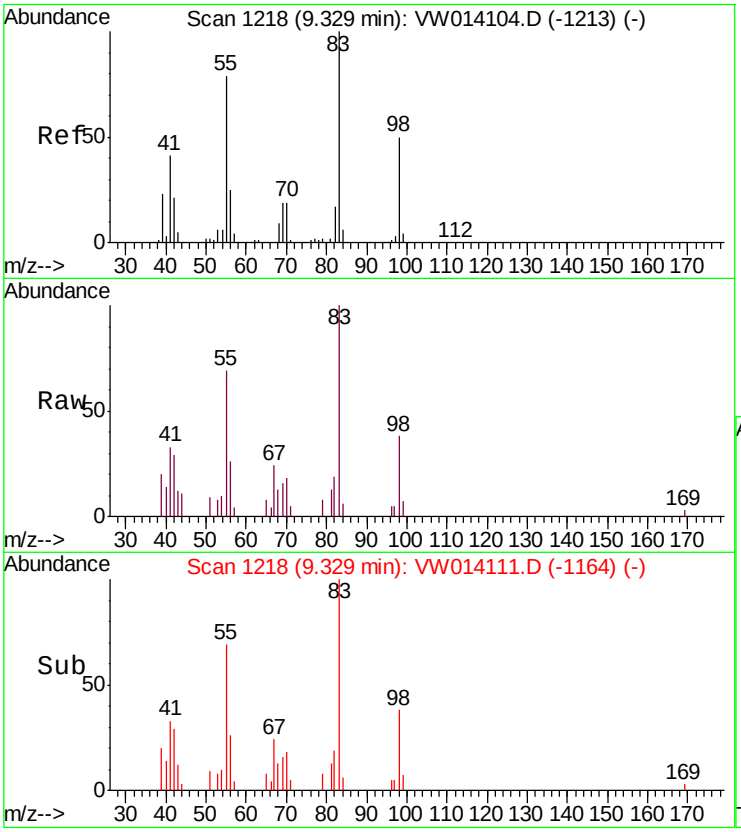


#35
Trichloroethene
Concen: 1.758 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.24 min
Lab File: VW014111.D
Acq: 25 Nov 2019 15:09

Tgt Ion: 95 Resp: 8707

Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.1	83.9#
132	0.6	73.7	136.9#
130	0.0	76.6	142.2#



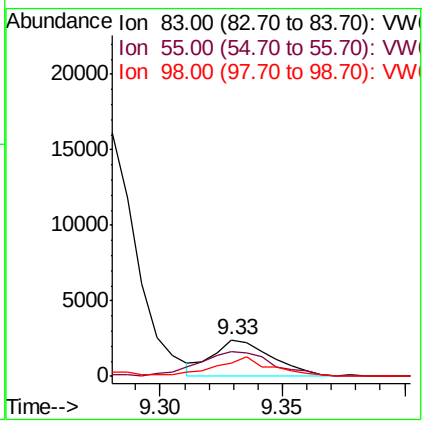


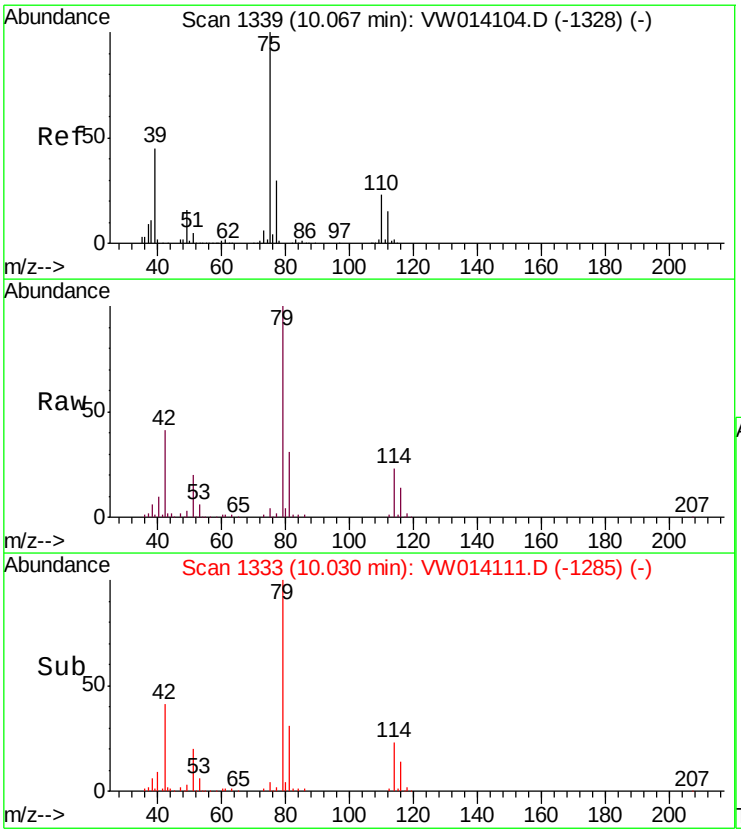
#36
Methylcyclohexane
Concen: 0.439 ug/L
RT: 9.33 min Scan# 1218
Delta R.T. -0.00 min
Lab File: VW014111.D
Acq: 25 Nov 2019 15:09

Instrument : MSVOA_W
ClientSampleId : C0BL1

Tgt Ion: 83 Resp: 3901

Ion	Ratio	Lower	Upper
83	100		
55	87.7	59.8	89.8
98	50.1	39.5	59.3





#42
cis-1,3-Dichloropropene
Concen: 0.519 ug/L
RT: 10.03 min Scan# 1333
Delta R.T. -0.04 min
Lab File: VW014111.D
Acq: 25 Nov 2019 15:09

Tgt Ion: 75 Resp: 3661

Ion	Ratio	Lower	Upper
75	100		
77	47.6	22.1	41.1#