Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062519\

Quantitation Report (Not Reviewed)

Data File : VW010966.D
Acq On : 25 Jun 2019 14:22
Operator : SY/VA
Sample : K3456-09
Misc : 5.13G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANX9

Quant Time: Jun 26 02:59:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 26 02:56:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	238740	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	215271	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	94438	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.34	65	66353	21.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.76%			
7) Chloroethane-d5	2.89	69	49828	20.89	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 83.56%			
10) 1,1-Dichloroethene-d2	4.01	63	115496	15.79	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 63.16%			
20) 2-Butanone-d5	7.07	46	83126	57.20	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 114.40%			
24) Chloroform-d	7.65	84	149312	23.19	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.76%			
26) 1,2-Dichloroethane-d4	8.30	65	103929	26.04	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.16%			
29) Benzene-d6	8.27	84	308431	23.86	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 95.44%			
33) 1,2-Dichloropropane-d6	9.27	67	108042	25.30	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 101.20%			
37) Toluene-d8	10.32	98	274610	23.55	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.20%			
38) trans-1,3-Dichloropropene-	10.58	79	41368	21.89	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 87.56%			
39) 2-Hexanone-d5	10.93	63	55542	57.87	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 115.74%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	94715	26.91	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 107.64%			
61) 1,2-Dichlorobenzene-d4	13.86	152	92111	25.84	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 103.36%			
Target Compounds						Qvalue
13) Acetone	4.13	43	6650	4.778	ug/L	71
16) Methylene chloride	4.92	84	7767	2.197	ug/L	92
36) Methylcyclohexane	9.27	83	24470	3.716	ug/L #	14
49) 2-Hexanone	10.92	43	7844	3.051	ug/L #	68

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

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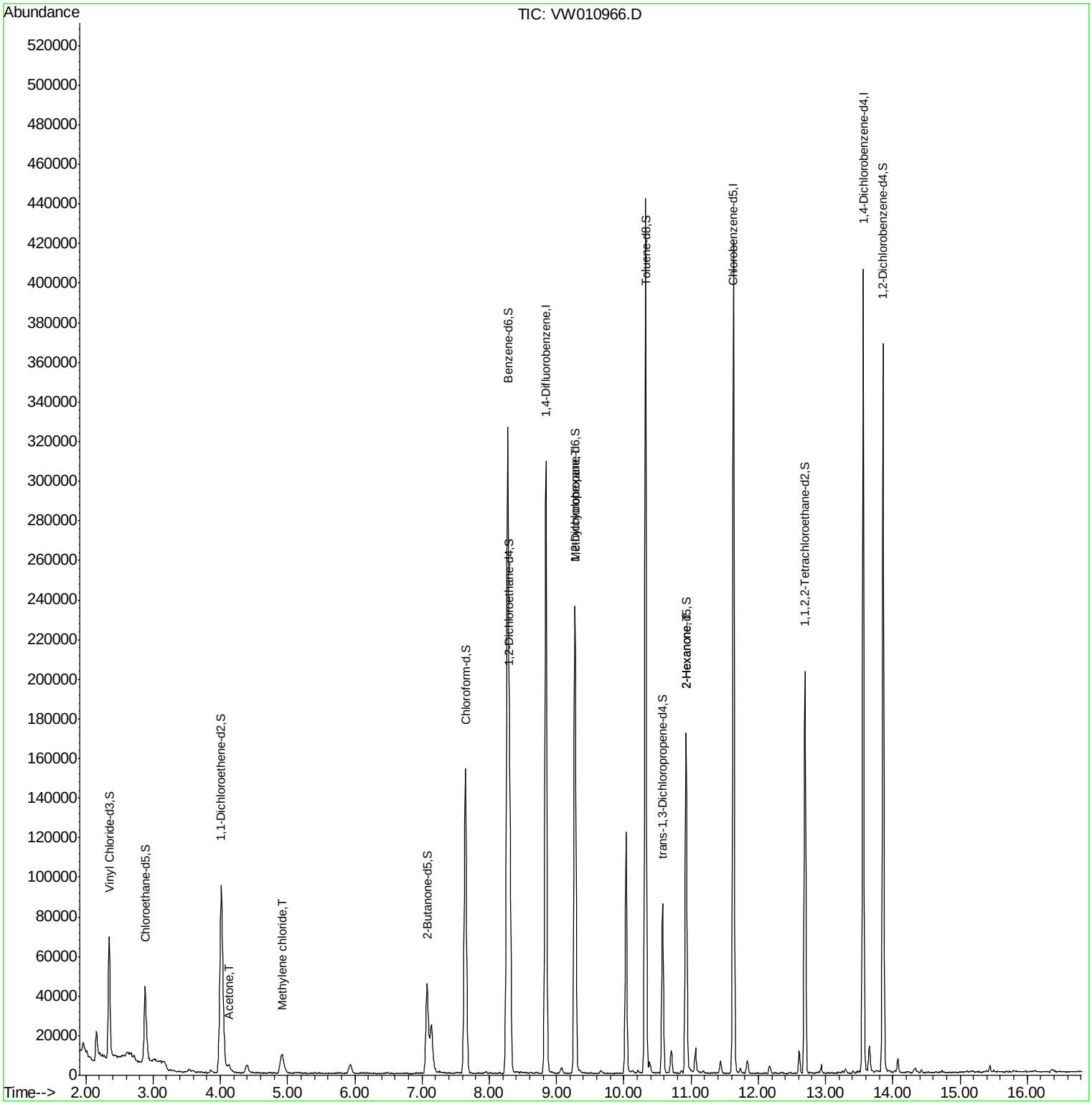
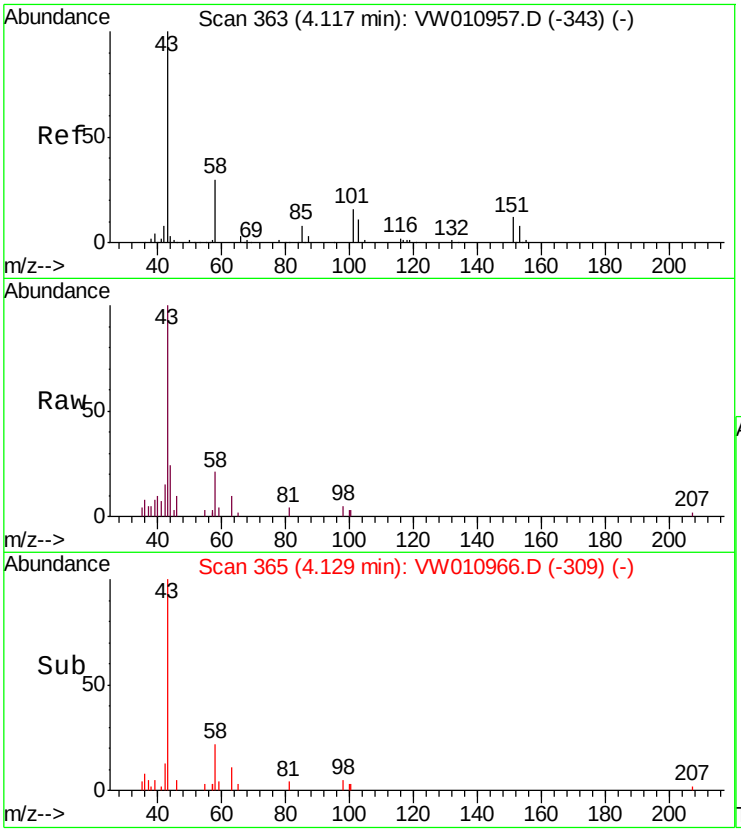


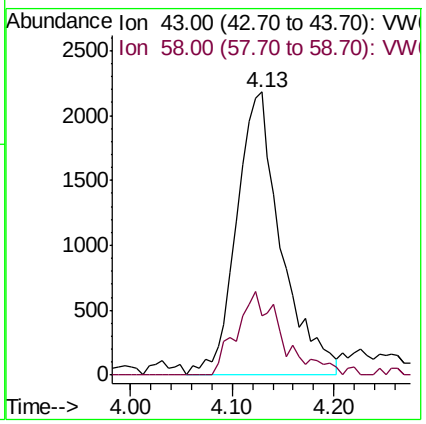


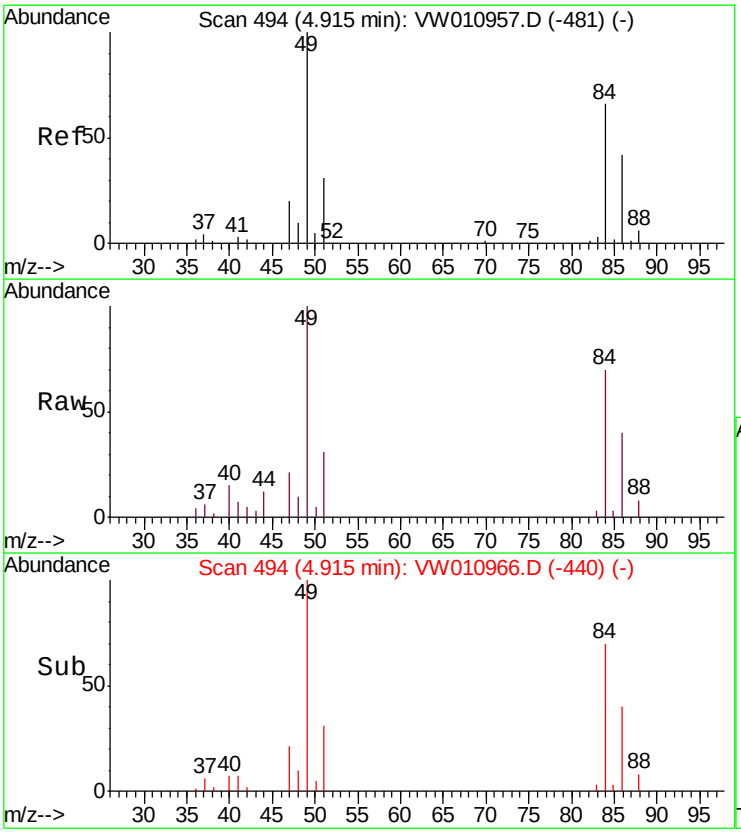
#13
Acetone
Concen: 4.778 ug/L
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW010966.D
Acq: 25 Jun 2019 14:22

Instrument : MSVOA_W
ClientSampleId : YANX9

Tgt Ion: 43 Resp: 6650

Ion	Ratio	Lower	Upper
43	100		
58	11.6	0.0	53.2

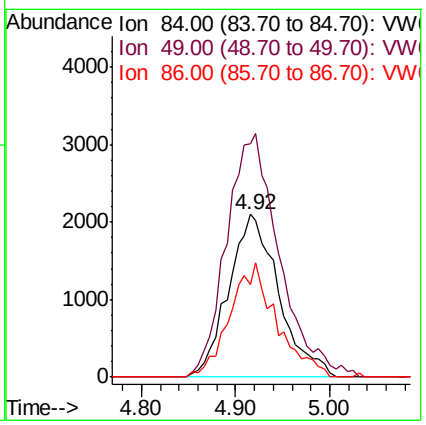


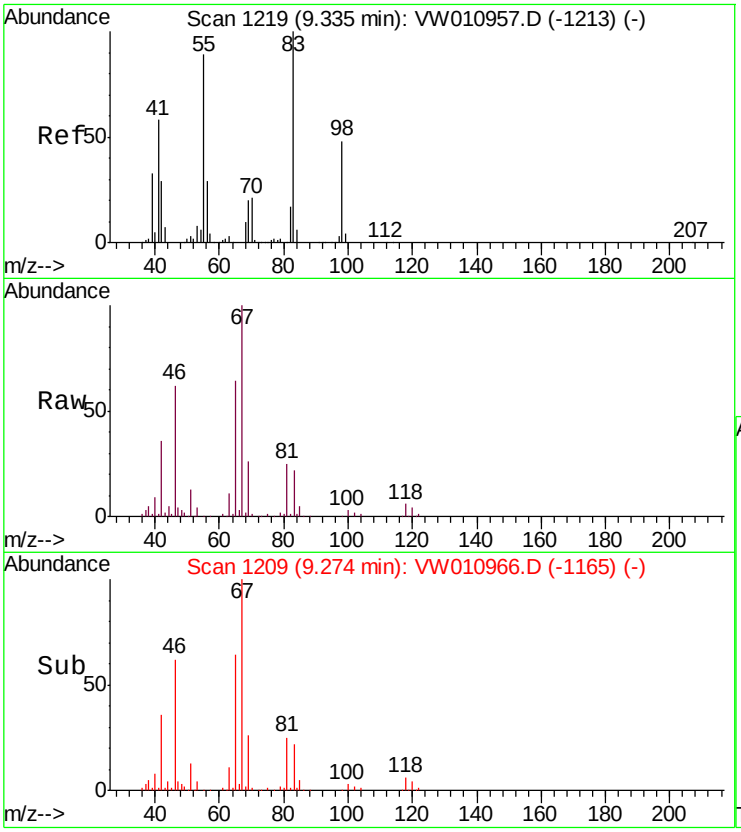


#16
Methylene chloride
Concen: 2.197 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW010966.D
Acq: 25 Jun 2019 14:22

Tgt Ion: 84 Resp: 7767

Ion	Ratio	Lower	Upper
84	100		
49	143.0	107.0	198.8
86	57.2	44.4	82.5



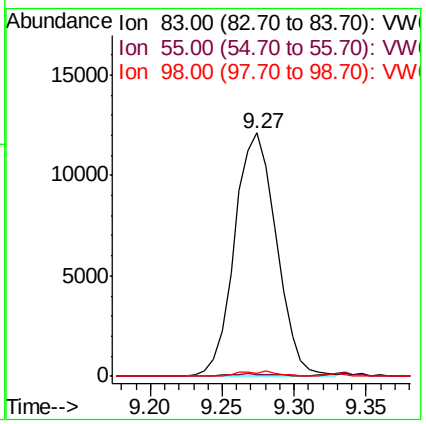


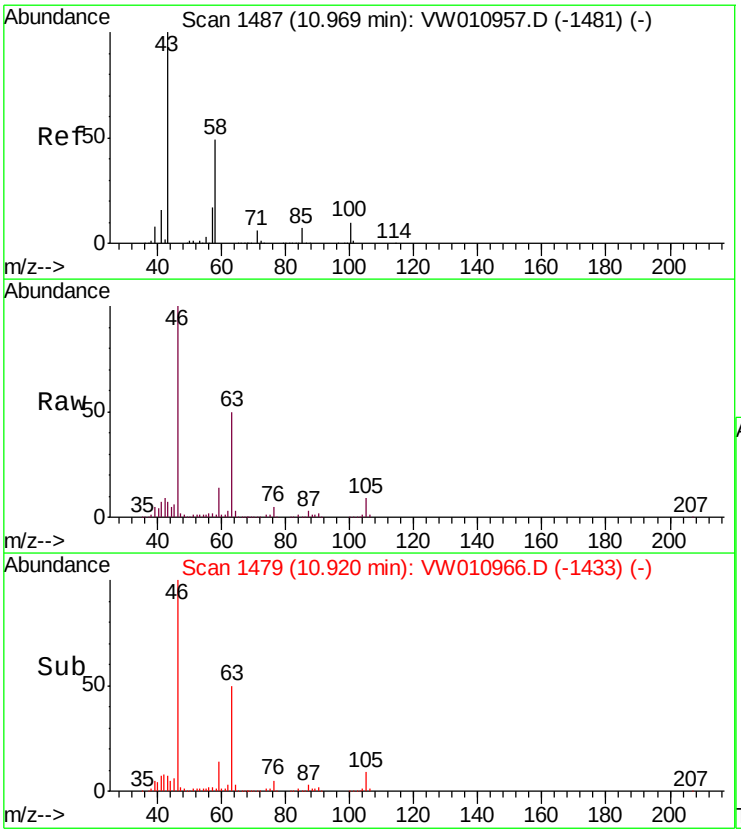
#36
Methylcyclohexane
Concen: 3.716 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW010966.D
Acq: 25 Jun 2019 14:22

Instrument : MSVOA_W
ClientSampleId : YANX9

Tgt Ion: 83 Resp: 24470

Ion	Ratio	Lower	Upper
83	100		
55	0.3	72.2	108.2#
98	0.9	37.8	56.8#





#49
2-Hexanone
Concen: 3.051 ug/L
RT: 10.92 min Scan# 1479
Delta R.T. -0.05 min
Lab File: VW010966.D
Acq: 25 Jun 2019 14:22

Tgt Ion: 43 Resp: 7844

Ion	Ratio	Lower	Upper
43	100		
58	21.9	38.3	57.5#
57	26.3	13.8	20.8#
100	0.9	7.3	10.9#