Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062619\

Quantitation Report (Not Reviewed)

Data File : VW011002.D
Acq On : 26 Jun 2019 14:11
Operator : SY/VA
Sample : K3456-18
Misc : 5.22G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANY3

Quant Time: Jun 27 07:34:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 27 07:30:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	253204	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	228906	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	107405	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.34	65	63775	19.43	ug/L	-0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.72%			
7) Chloroethane-d5	2.88	69	47412	18.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 74.96%			
10) 1,1-Dichloroethene-d2	4.01	63	109069	14.06	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 56.24%			
20) 2-Butanone-d5	7.07	46	113116	73.39	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 146.78%#			
24) Chloroform-d	7.65	84	147890	21.66	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 86.64%			
26) 1,2-Dichloroethane-d4	8.30	65	107288	25.35	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.40%			
29) Benzene-d6	8.27	84	297037	21.61	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 86.44%			
33) 1,2-Dichloropropane-d6	9.27	67	103342	22.76	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 91.04%			
37) Toluene-d8	10.32	98	261400	21.08	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 84.32%			
38) trans-1,3-Dichloropropene-	10.57	79	40951	20.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 81.52%			
39) 2-Hexanone-d5	10.93	63	73106	71.63	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 143.26%#			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	109928	29.37	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 117.48%			
61) 1,2-Dichlorobenzene-d4	13.86	152	95849	23.64	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 94.56%			

Target Compounds						Qvalue
13) Acetone	4.12	43	6663	4.514	ug/L	96
16) Methylene chloride	4.91	84	8458	2.255	ug/L	88
36) Methylcyclohexane	9.27	83	23947	3.420	ug/L #	15
59) 1,2,3-Trichloropropane	13.56	75	14881	5.166	ug/L	92

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

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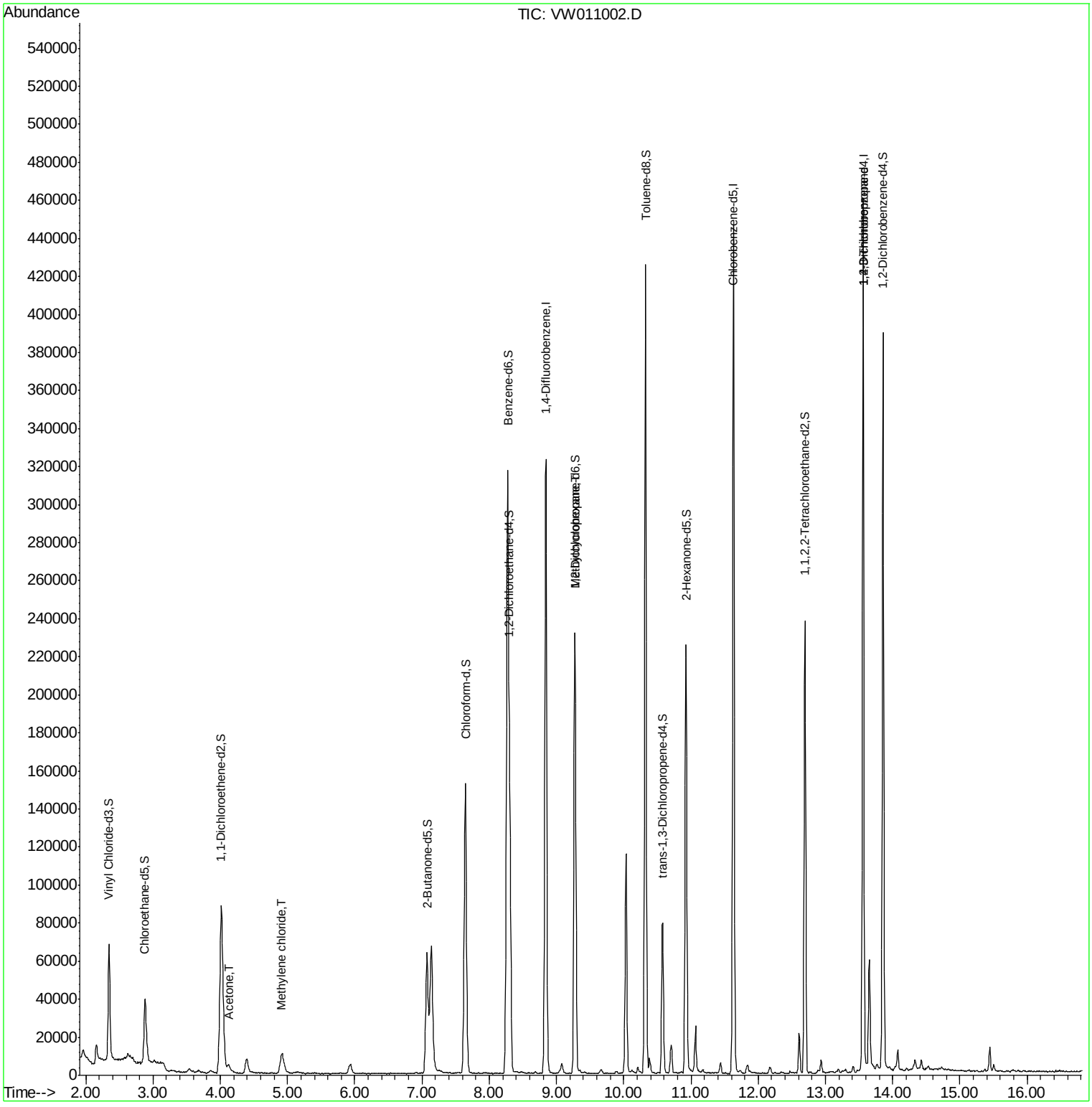
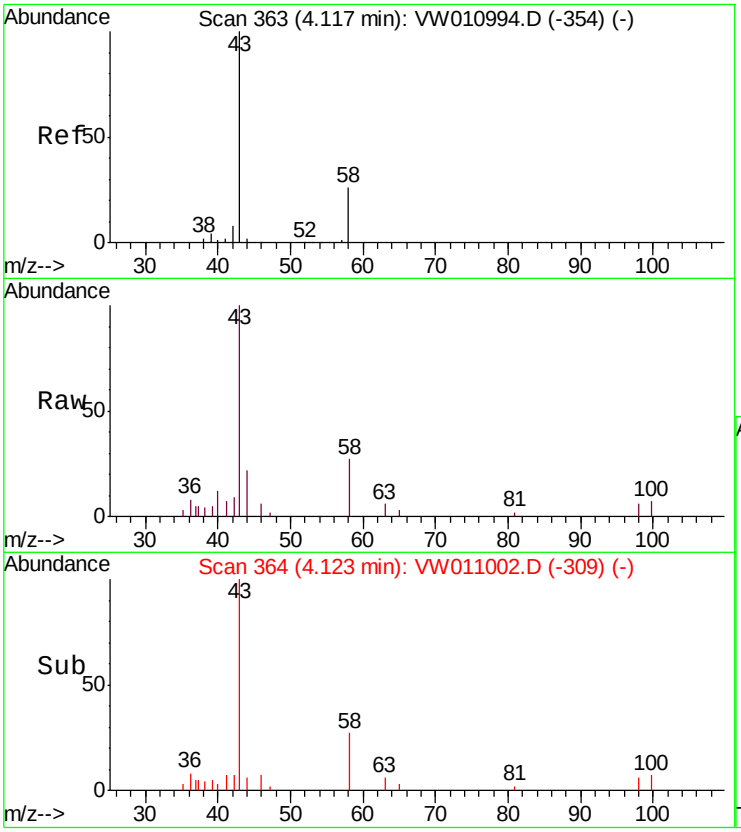


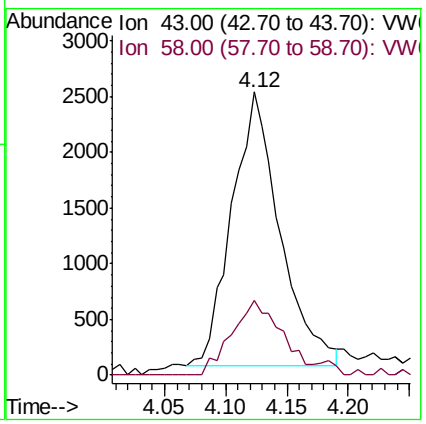


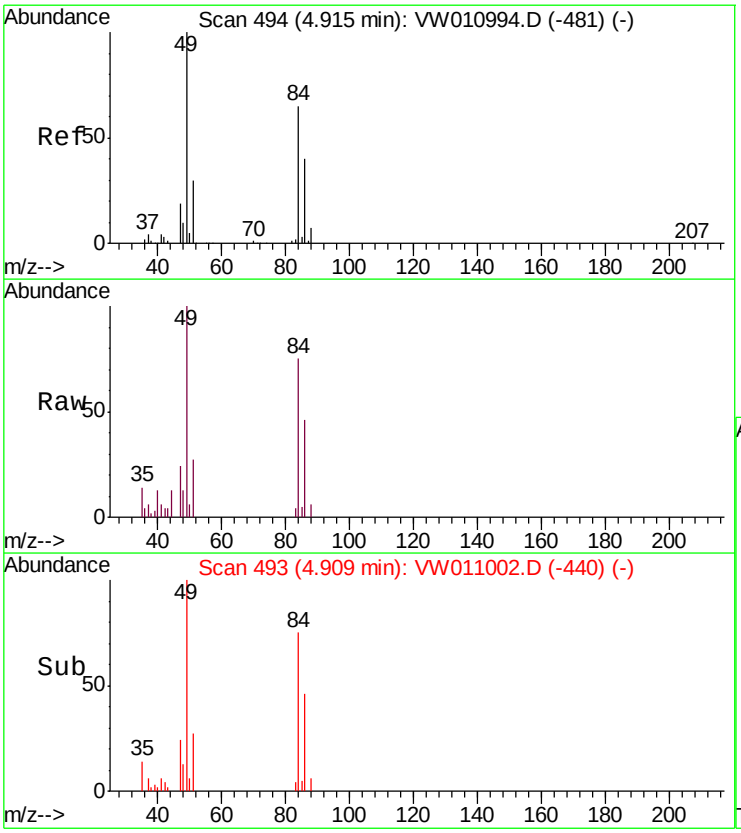
#13
Acetone
Concen: 4.514 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW011002.D
Acq: 26 Jun 2019 14:11

Instrument : MSVOA_W
ClientSampleId : YANY3

Tgt Ion: 43 Resp: 6663

Ion	Ratio	Lower	Upper
43	100		
58	28.5	0.0	53.2

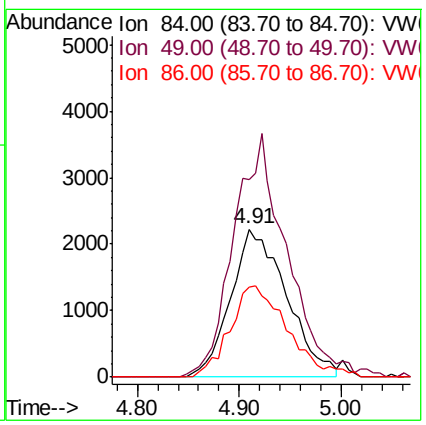


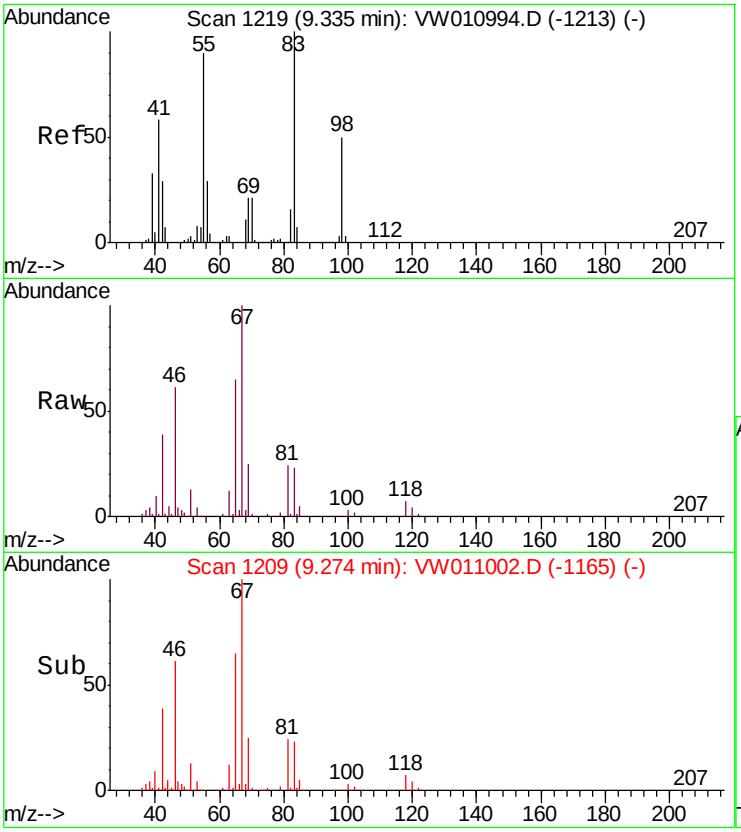


#16
Methylene chloride
Concen: 2.255 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011002.D
Acq: 26 Jun 2019 14:11

Tgt Ion: 84 Resp: 8458

Ion	Ratio	Lower	Upper
84	100		
49	133.0	107.0	198.8
86	61.0	44.4	82.5



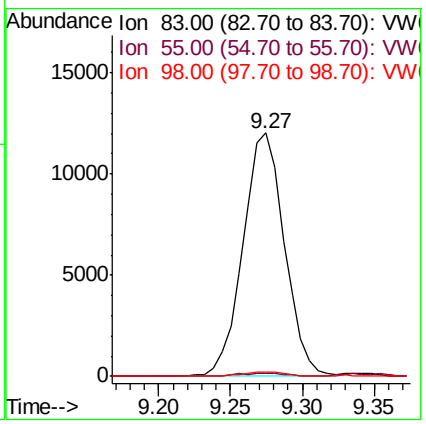


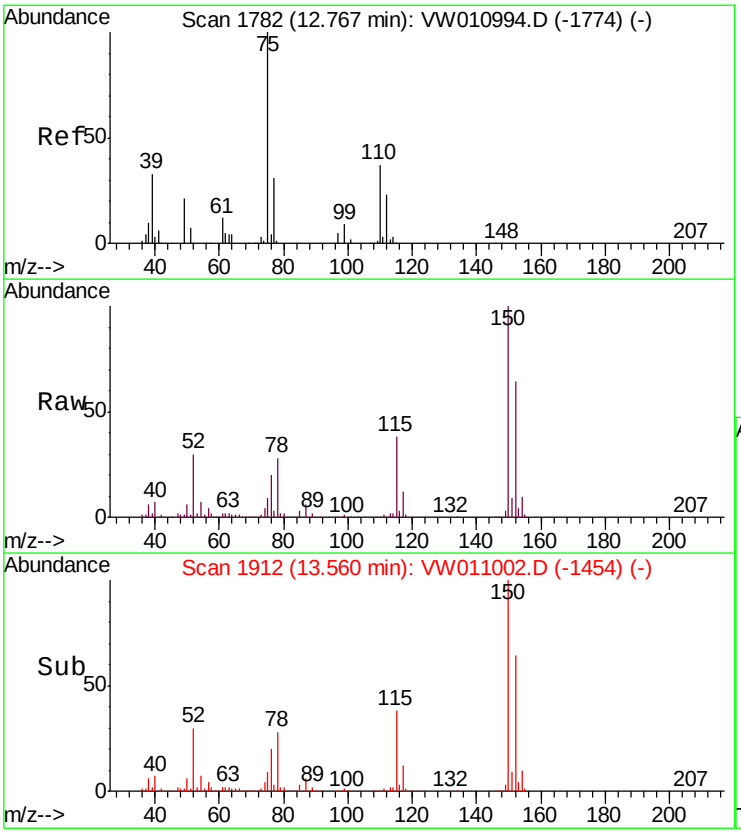
#36
Methylcyclohexane
Concen: 3.420 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW011002.D
Acq: 26 Jun 2019 14:11

Instrument :
MSVOA_W
ClientSampleId :
YANY3

Tgt Ion: 83 Resp: 23947

Ion	Ratio	Lower	Upper
83	100		
55	0.9	72.2	108.2#
98	1.8	37.8	56.8#





#59
1,2,3-Trichloropropane
Concen: 5.166 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW011002.D
Acq: 26 Jun 2019 14:11

Tgt Ion: 75 Resp: 14881

Ion	Ratio	Lower	Upper
75	100		
77	35.7	25.2	37.8