Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120619\
Data File : VW014255.D
Acq On : 06 Dec 2019 17:43
Operator : SY/VA
Sample : K6172-06
Misc : 4.26G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BT2

Manual Integrations APPROVED
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Quant Time: Dec 07 05:35:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 07 04:10:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	693899	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	349822	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	38330	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	302416	28.78	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 115.12%			
7) Chloroethane-d5	2.89	69	244613	31.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 125.24%			
10) 1,1-Dichloroethene-d2	4.01	63	354404	19.10	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 76.40%			
20) 2-Butanone-d5	7.07	46	155696	56.86	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 113.72%			
24) Chloroform-d	7.64	84	515103	29.16	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 116.64%			
26) 1,2-Dichloroethane-d4	8.30	65	237392	25.63	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.52%			
29) Benzene-d6	8.27	84	1016794	49.59	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 198.36%#			
33) 1,2-Dichloropropane-d6	9.27	67	354033	56.13	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 224.52%#			
37) Toluene-d8	10.32	98	615783	33.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 132.88%#			
38) trans-1,3-Dichloropropene-	10.58	79	47227	17.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 71.40%			
39) 2-Hexanone-d5	10.93	63	88214	70.33	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 140.66%#			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	240965	46.88	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 187.52%#			
61) 1,2-Dichlorobenzene-d4	13.85	152	82205	56.12	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 224.48%#			
Target Compounds						Qvalue
13) Acetone	4.12	43	30128	11.412	ug/L	99
14) Carbon disulfide	4.38	76	6575	0.231	ug/L #	93
16) Methylene chloride	4.92	84	18872m	1.774	ug/L	
44) Toluene	10.38	91	75022	3.231	ug/L	97

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

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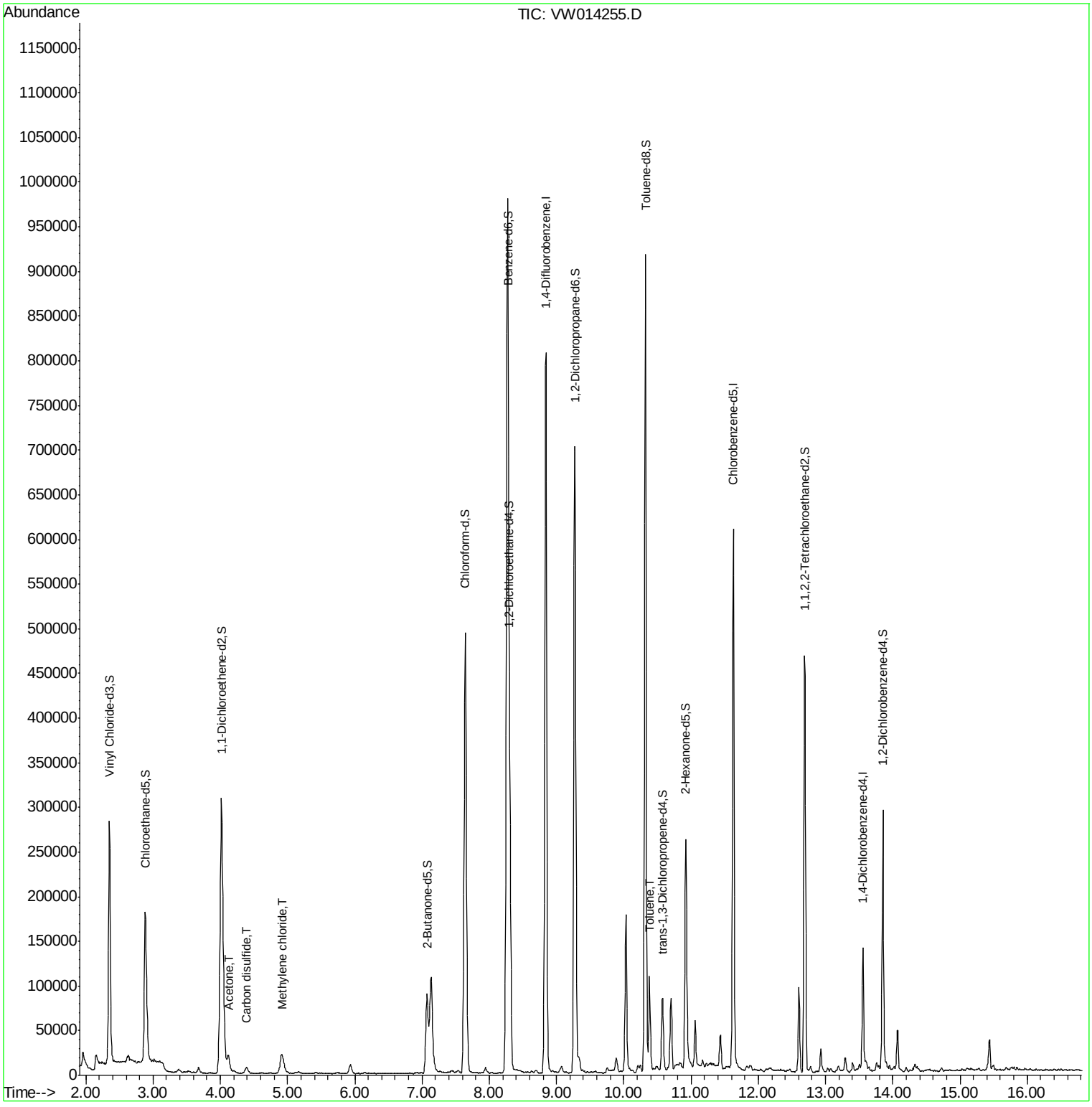
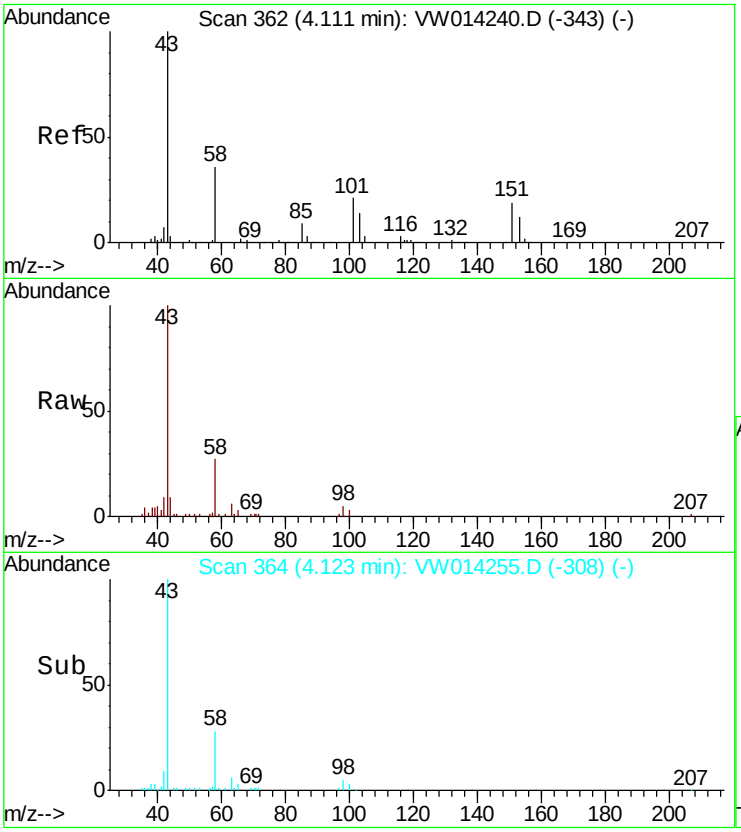
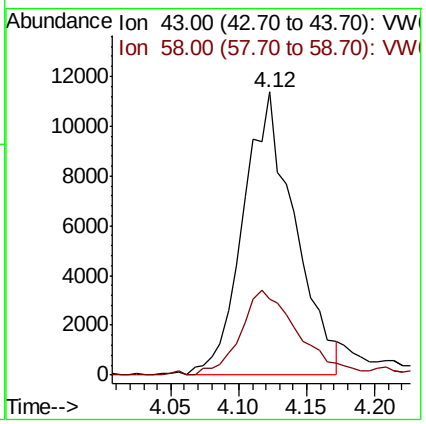




#13
Acetone
Concen: 11.412 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW014255.D
Acq: 06 Dec 2019 17:43

Tgt Ion: 43 Resp: 30128

Ion	Ratio	Lower	Upper
43	100		
58	33.4	0.0	65.4



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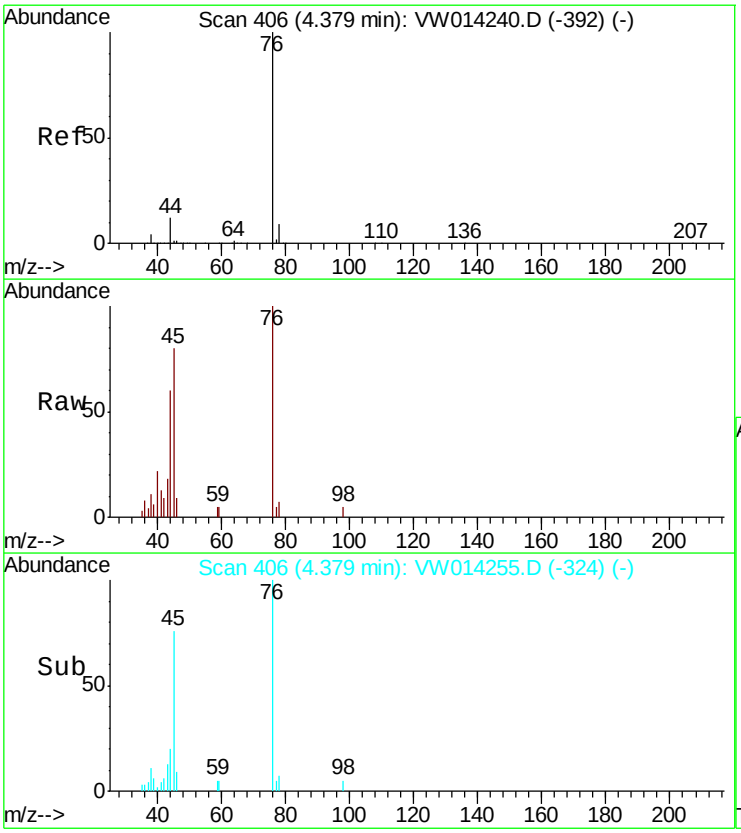
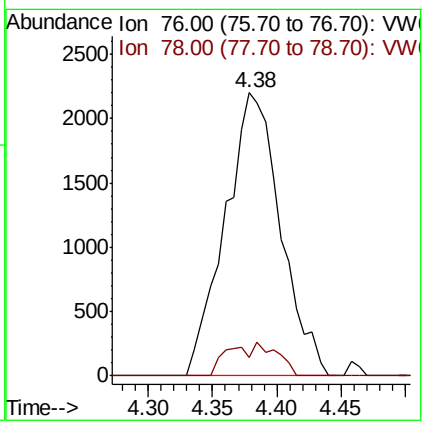
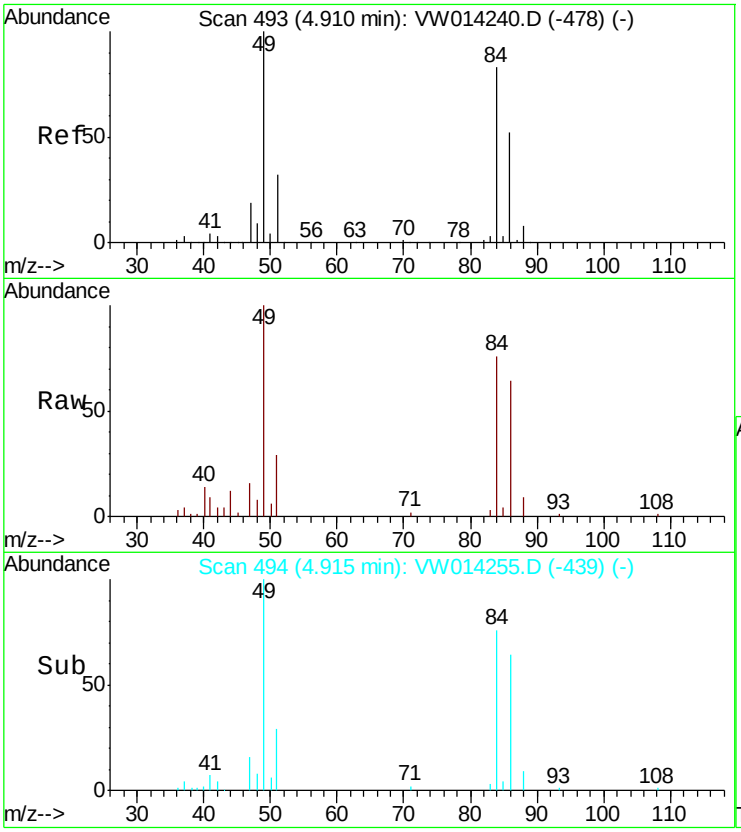


#14
Carbon disulfide
Concen: 0.231 ug/L
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW014255.D
Acq: 06 Dec 2019 17:43

Tgt Ion: 76 Resp: 6575

Ion	Ratio	Lower	Upper
76	100		
78	6.6	7.2	10.8#

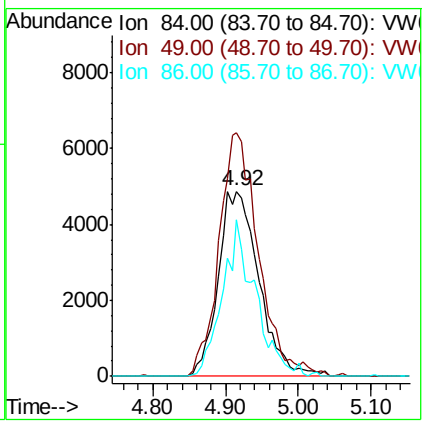




#16
Methylene chloride
Concen: 1.774 ug/L m
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW014255.D
Acq: 06 Dec 2019 17:43

Tgt Ion: 84 Resp: 18872

Ion	Ratio	Lower	Upper
84	100		
49	131.4	84.2	156.4
86	84.5	43.7	81.1#



Instrument :
MSVOA_W
ClientSampleId :
C0BT2

Manual Integrations APPROVED
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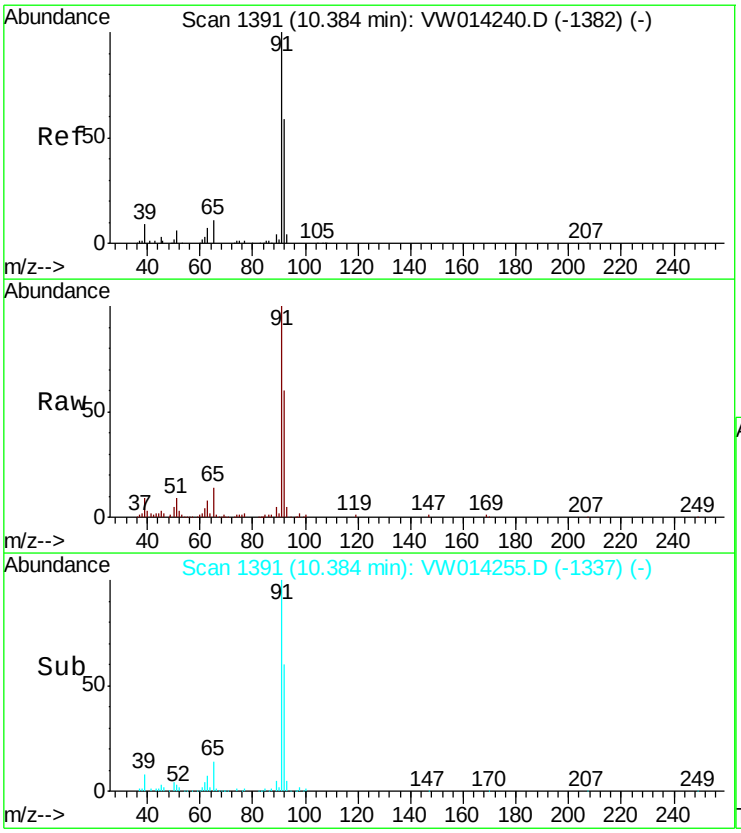

#44
Toluene
Concen: 3.231 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW014255.D
Acq: 06 Dec 2019 17:43

Tgt Ion: 91 Resp: 75022

Ion	Ratio	Lower	Upper
91	100		
92	60.1	40.7	75.7