Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020420\
Data File : VW014855.D
Acq On : 04 Feb 2020 11:51
Operator : SY/VA
Sample : L1323-16
Misc : 5.06G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT54

Quant Time: Feb 05 04:00:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 05 03:41:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	434026	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	409244	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	165476	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	139941	20.58	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 82.32%			
7) Chloroethane-d5	2.89	69	141777	21.81	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.24%			
10) 1,1-Dichloroethene-d2	4.01	63	228088	15.79	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 63.16%			
20) 2-Butanone-d5	7.07	46	83042	32.50	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 65.00%			
24) Chloroform-d	7.65	84	317286	22.96	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 91.84%			
26) 1,2-Dichloroethane-d4	8.30	65	174357	22.45	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.80%			
29) Benzene-d6	8.27	84	618783	21.45	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 85.80%			
33) 1,2-Dichloropropane-d6	9.27	67	210227	22.23	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 88.92%			
37) Toluene-d8	10.32	98	500567	19.88	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 79.52%			
38) trans-1,3-Dichloropropene-	10.57	79	65406	17.47	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 69.88%			
39) 2-Hexanone-d5	10.92	63	52759	28.51	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 57.02%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	138268	18.77	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 75.08%			
61) 1,2-Dichlorobenzene-d4	13.85	152	146372	21.11	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 84.44%			
Target Compounds						Qvalue
13) Acetone	4.12	43	11810	4.274	ug/L	98
16) Methylene chloride	4.91	84	18578	2.318	ug/L	96
56) Styrene	12.18	104	8502	0.471	ug/L	85

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

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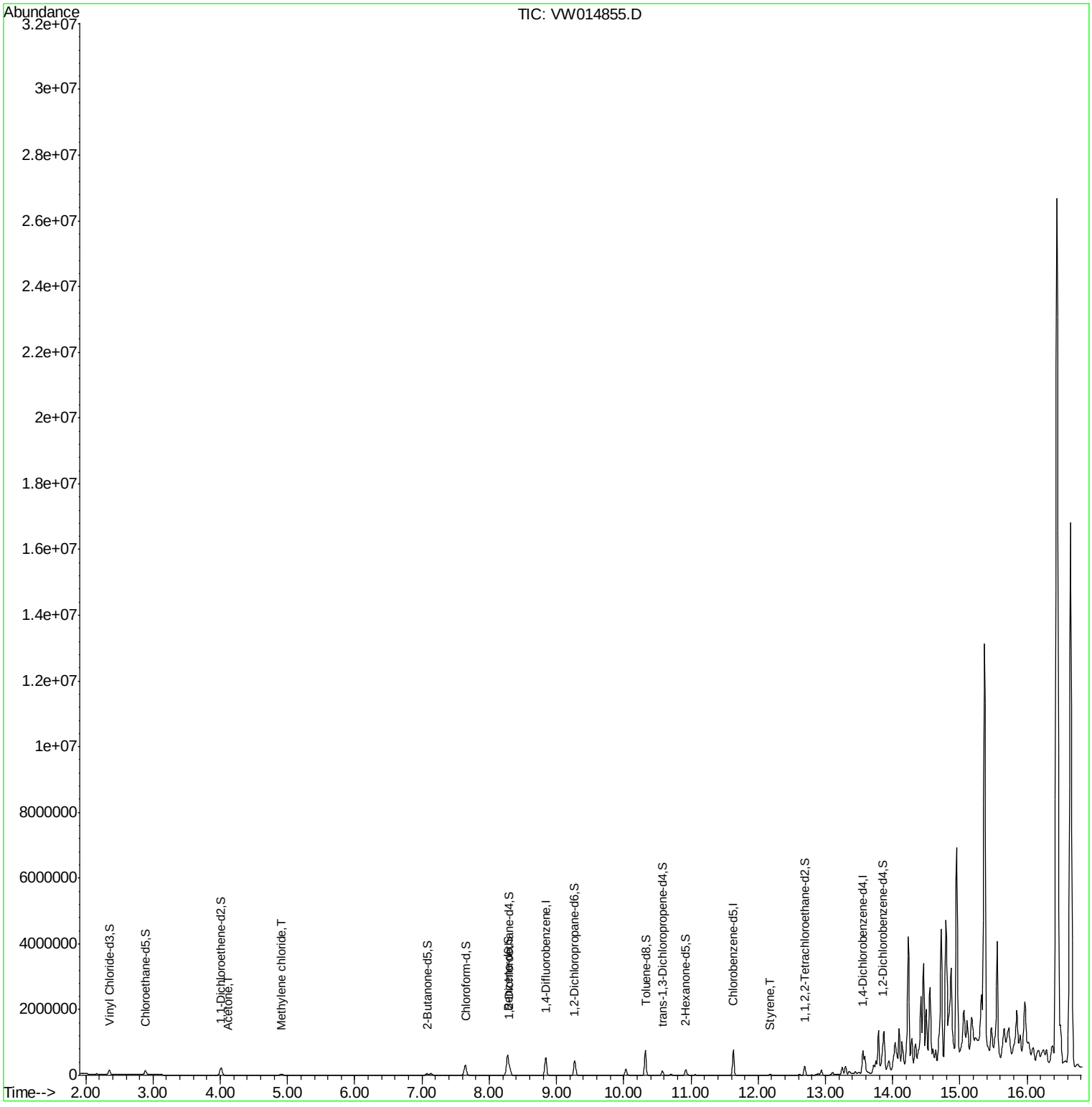
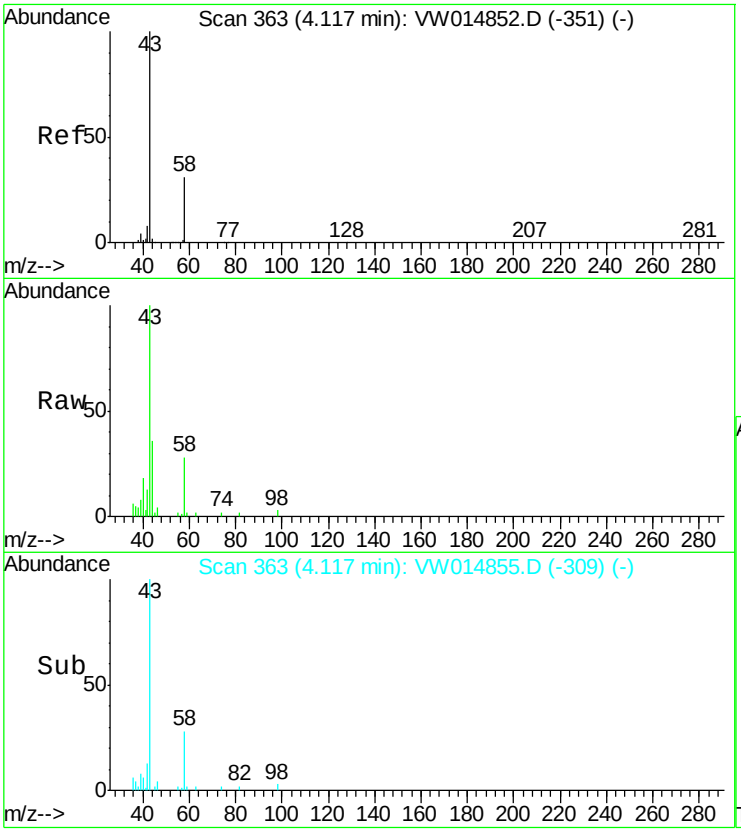


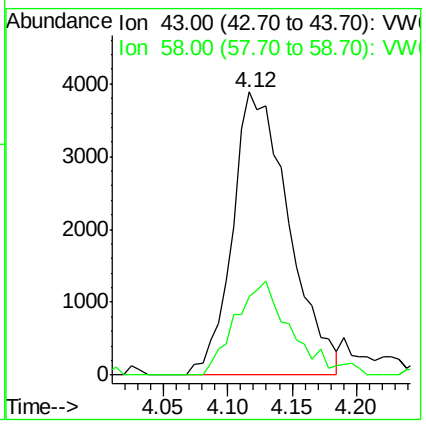


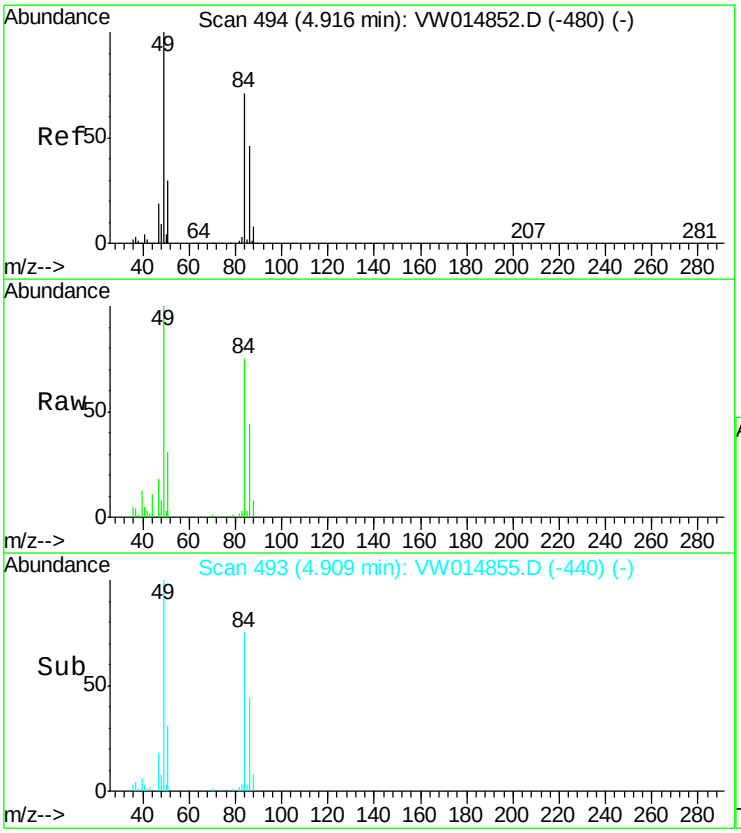
#13
Acetone
Concen: 4.274 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW014855.D
Acq: 04 Feb 2020 11:51

Instrument : MSVOA_W
ClientSampleId : GAT54

Tgt Ion: 43 Resp: 11810

Ion	Ratio	Lower	Upper
43	100		
58	31.4	0.0	60.2

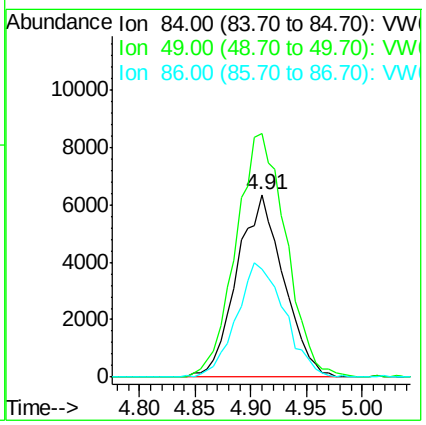


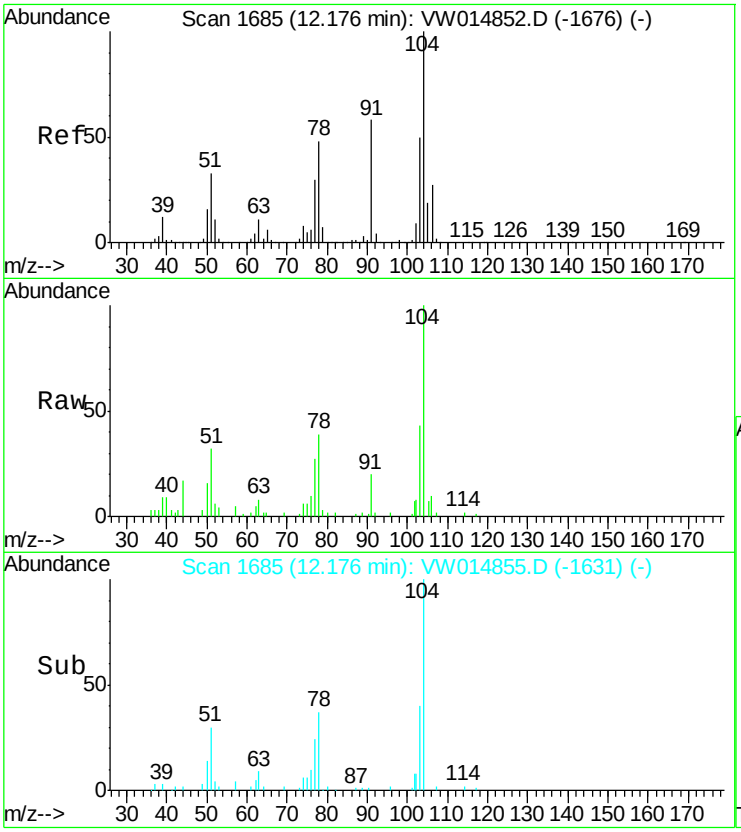


#16
Methylene chloride
Concen: 2.318 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW014855.D
Acq: 04 Feb 2020 11:51

Tgt Ion: 84 Resp: 18578

Ion	Ratio	Lower	Upper
84	100		
49	133.7	96.6	179.4
86	59.1	43.8	81.4





#56
Stvrene
Concen: 0.471 ug/L
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW014855.D
Acq: 04 Feb 2020 11:51

Instrument :
MSVOA_W
ClientSampleId :
GAT54

Tgt Ion:104 Resp: 8502

Ion	Ratio	Lower	Upper
104	100		
78	38.8	34.3	63.7