Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040821\
Data File : VW018609.D
Acq On : 08 Apr 2021 17:55
Operator : SY/VA
Sample : M1968-16
Misc : 5.68G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId :

Quant Time: Apr 09 03:14:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 09 03:11:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	345478	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	262719	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	78053	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	91347	19.00	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 76.00%			
7) Chloroethane-d5	2.891	69	76796	18.25	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 73.00%			
10) 1,1-Dichloroethene-d2	4.013	63	102743	12.38	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 49.52%			
20) 2-Butanone-d5	7.080	46	58234	54.41	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 108.82%			
24) Chloroform-d	7.653	84	157278	17.87	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 71.48%			
26) 1,2-Dichloroethane-d4	8.305	65	98995	19.27	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 77.08%			
29) Benzene-d6	8.275	84	300498	21.52	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 86.08%			
33) 1,2-Dichloropropane-d6	9.274	67	88162	21.88	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 87.52%			
37) Toluene-d8	10.323	98	263128	19.57	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 78.28%			
38) trans-1,3-Dichloroprop...	10.579	79	28084	13.52	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 54.08%			
39) 2-Hexanone-d5	10.927	63	41543	52.69	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.38%			
48) 1,1,2,2-Tetrachloroeth...	12.688	84	83891	23.28	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 93.12%			
61) 1,2-Dichlorobenzene-d4	13.853	152	48428	17.45	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 69.80%#			
Target Compounds						Qvalue
13) Acetone	4.129	43	14396	18.72	ug/L	95
16) Methylene chloride	4.915	84	21435	3.78	ug/L	97
21) 2-Butanone	7.183	43	2658	2.18	ug/L #	62
44) Toluene	10.390	91	5243	0.30	ug/L	95

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

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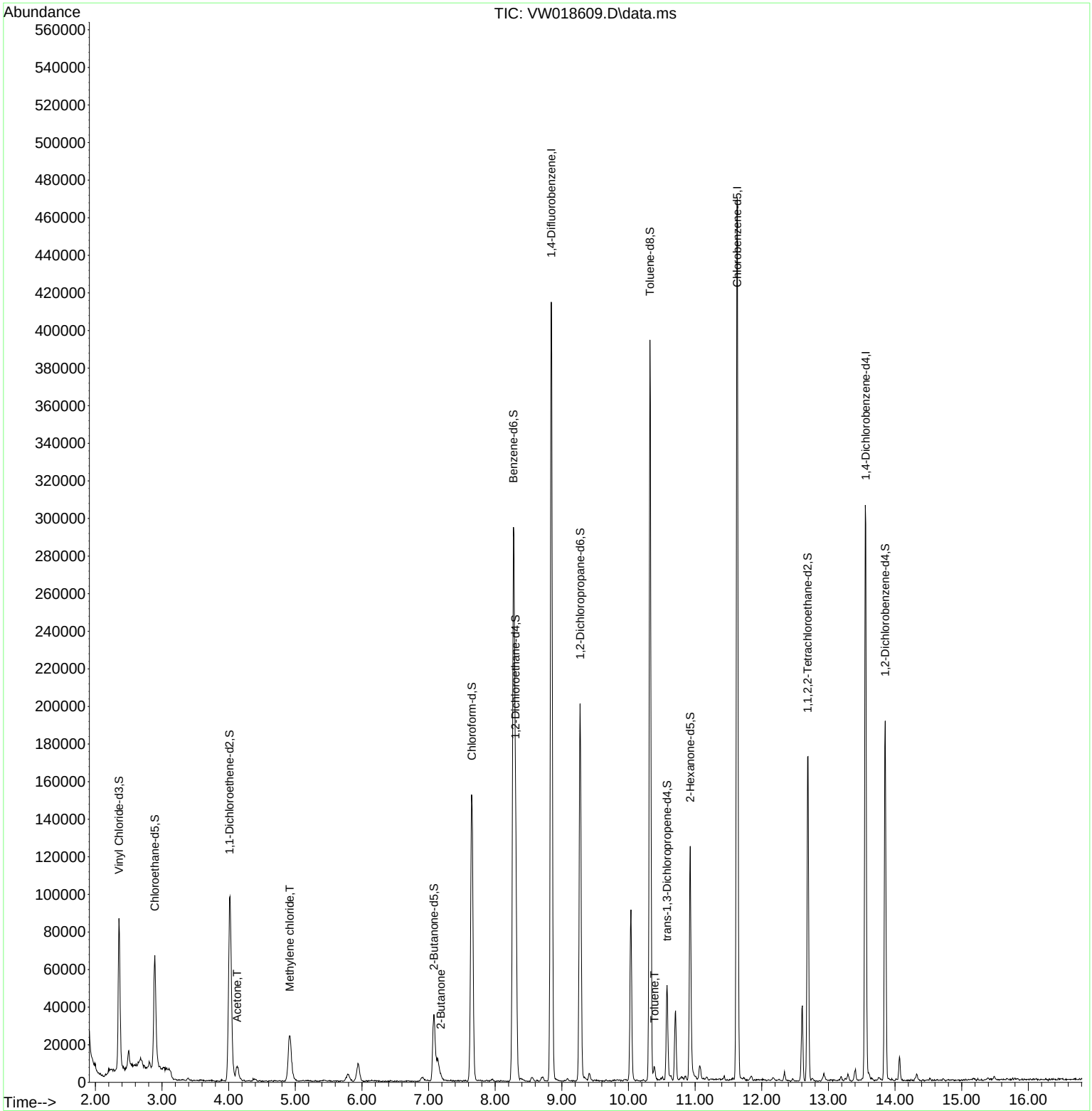
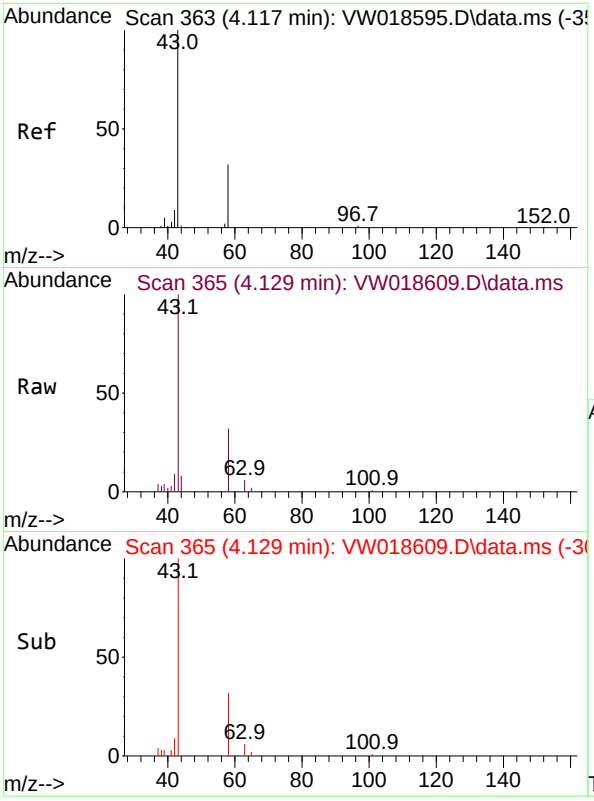


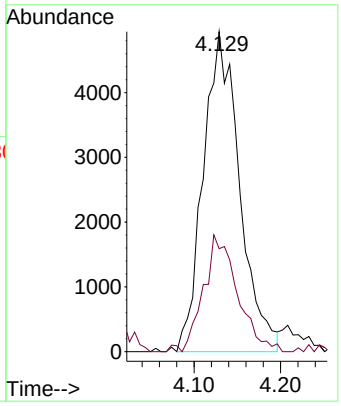
Instrument :
MSVOA_W
ClientSampleId :

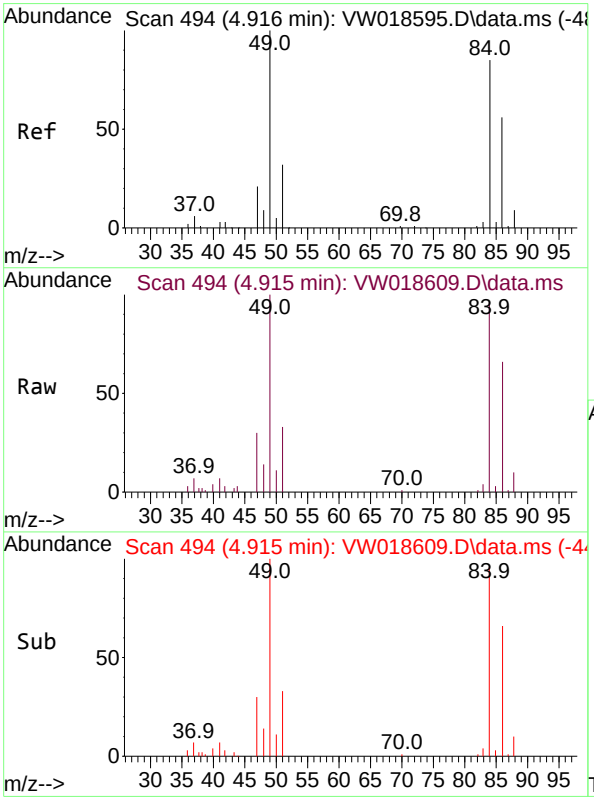


#13
Acetone
Concen: 18.72 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.012 min
Lab File: VW018609.D
Acq: 08 Apr 2021 17:55

Tgt Ion: 43 Resp: 14396

Ion	Ratio	Lower	Upper
43	100		
58	33.8	0.0	62.2

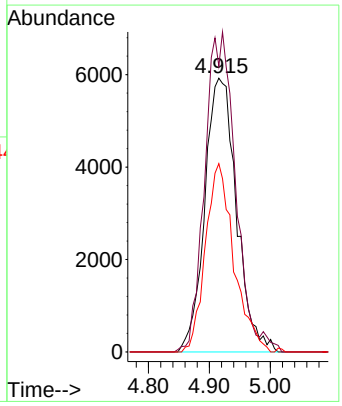




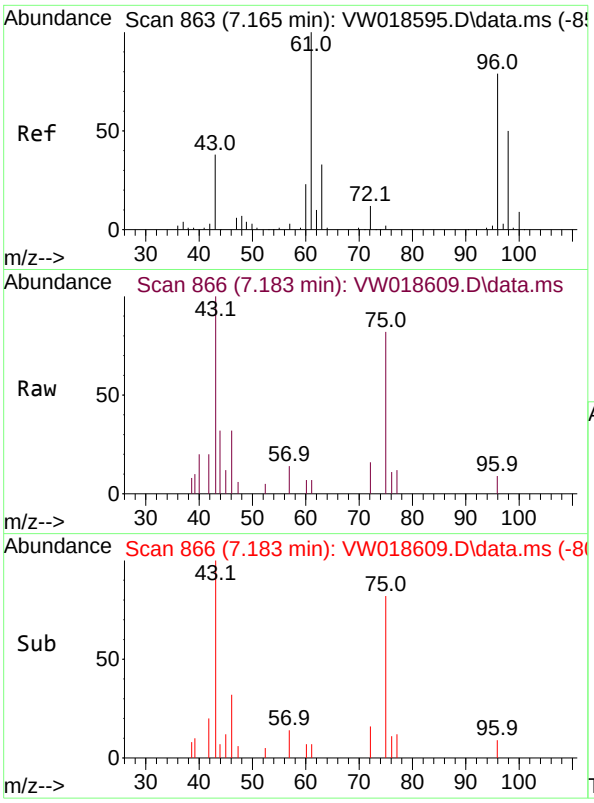
#16
Methylene chloride
Concen: 3.78 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW018609.D
Acq: 08 Apr 2021 17:55

Tgt Ion: 84 Resp: 21435

Ion	Ratio	Lower	Upper
84	100		
49	104.3	74.4	138.2
86	68.8	46.1	85.7



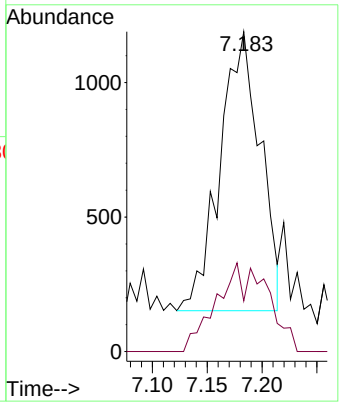
Instrument :
MSVOA_W
ClientSampleId :

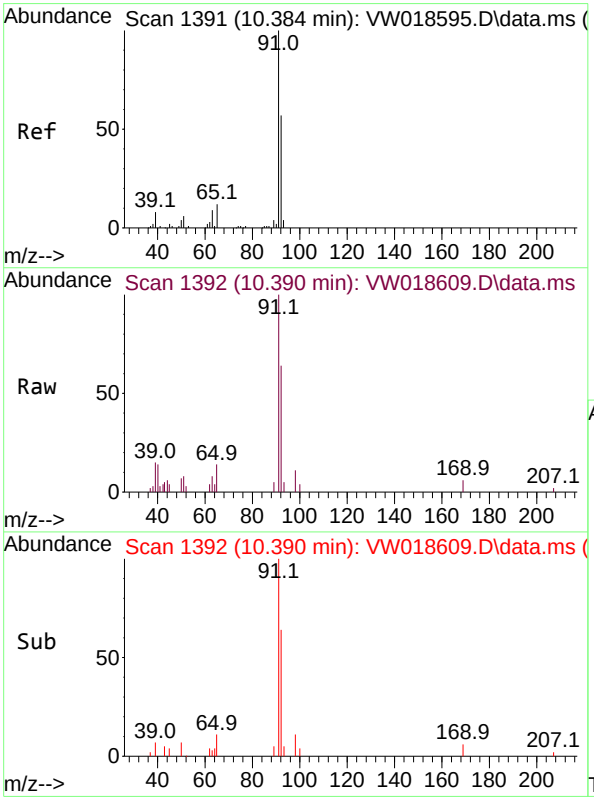


#21
2-Butanone
Concen: 2.18 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.018 min
Lab File: VW018609.D
Acq: 08 Apr 2021 17:55

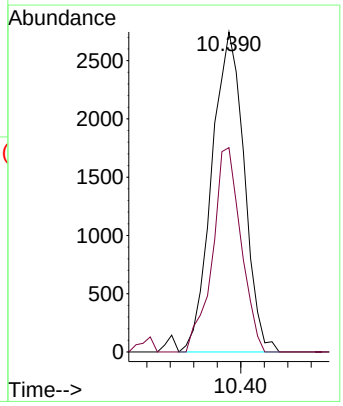
Tgt Ion: 43 Resp: 2658

Ion	Ratio	Lower	Upper
43	100		
72	11.3	16.5	49.5#





#44
Toluene
Concen: 0.30 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW018609.D
Acq: 08 Apr 2021 17:55

Tgt Ion: 91 Resp: 5243

Ion	Ratio	Lower	Upper
91	100		
92	63.8	42.3	78.5