Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101620\
Data File : VW016920.D
Acq On : 15 Oct 2020 18:30
Operator : SY/VA
Sample : VIBLK14
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK14

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10/19/2020 11:00:31 AM

Quant Time: Oct 16 09:40:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 16 08:07:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	486427	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	434115	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	208713	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	110758	23.08	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.32%			
7) Chloroethane-d5	2.90	69	95597	23.75	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.00%			
10) 1,1-Dichloroethene-d2	4.03	63	173208	17.00	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 68.00%			
20) 2-Butanone-d5	7.09	46	53787	49.49	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 98.98%			
24) Chloroform-d	7.65	84	265585	25.88	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 103.52%			
26) 1,2-Dichloroethane-d4	8.31	65	128771	25.98	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.92%			
29) Benzene-d6	8.28	84	518253	26.29	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 105.16%			
33) 1,2-Dichloropropane-d6	9.28	67	144274	27.23	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 108.92%			
37) Toluene-d8	10.33	98	488849	26.28	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 105.12%			
38) trans-1,3-Dichloropropene-	10.58	79	56706	24.27	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 97.08%			
39) 2-Hexanone-d5	10.93	63	44104	53.82	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 107.64%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	114890	26.84	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 107.36%			
61) 1,2-Dichlorobenzene-d4	13.85	152	175126	26.45	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 105.80%			
Target Compounds						Qvalue
16) Methylene chloride	4.92	84	20459m	3.048	ug/L	
43) 4-Methyl-2-pentanone	10.21	43	2090	0.788	ug/L #	69
47) Tetrachloroethene	10.87	164	55753	9.120	ug/L	98

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

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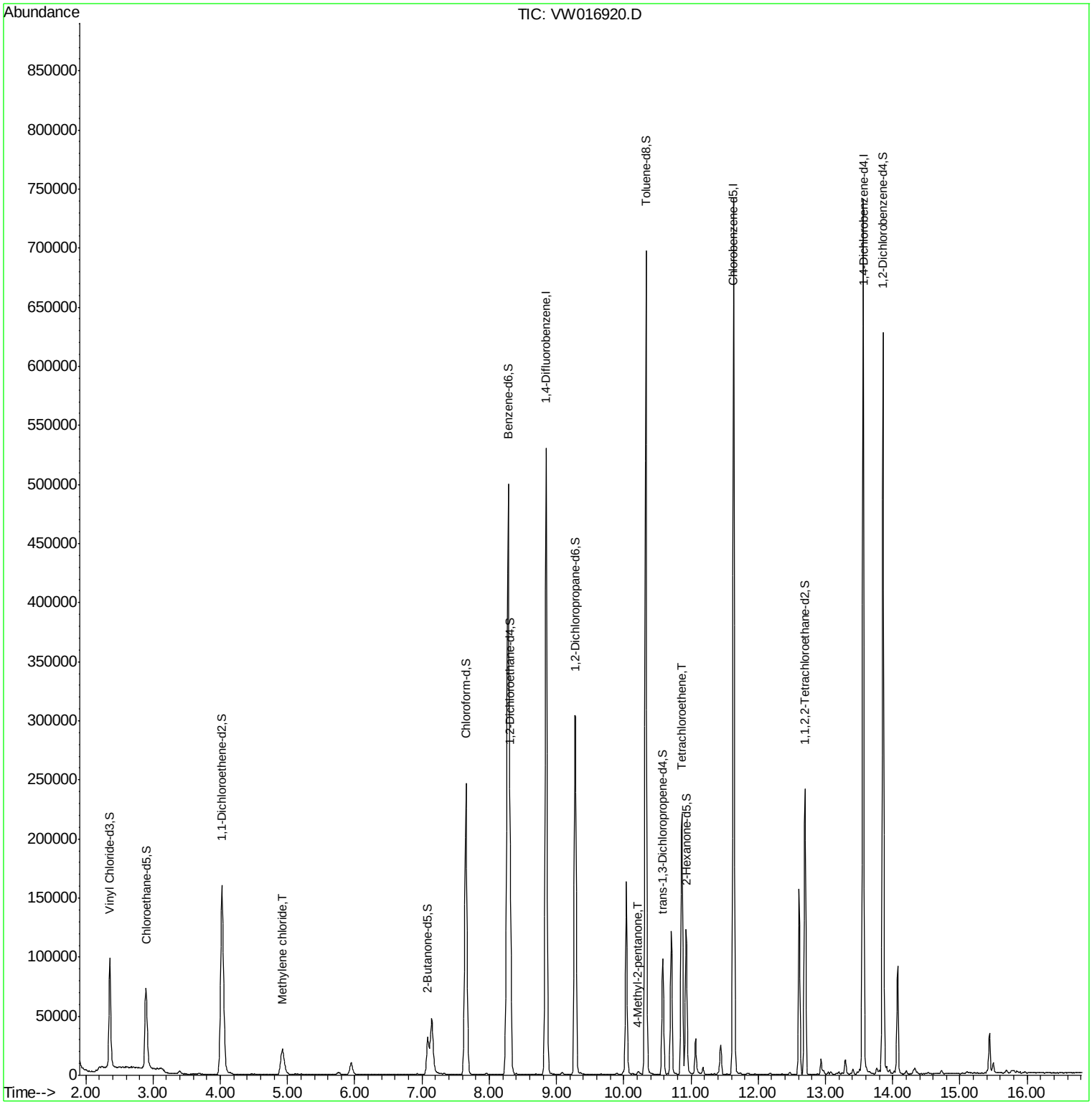
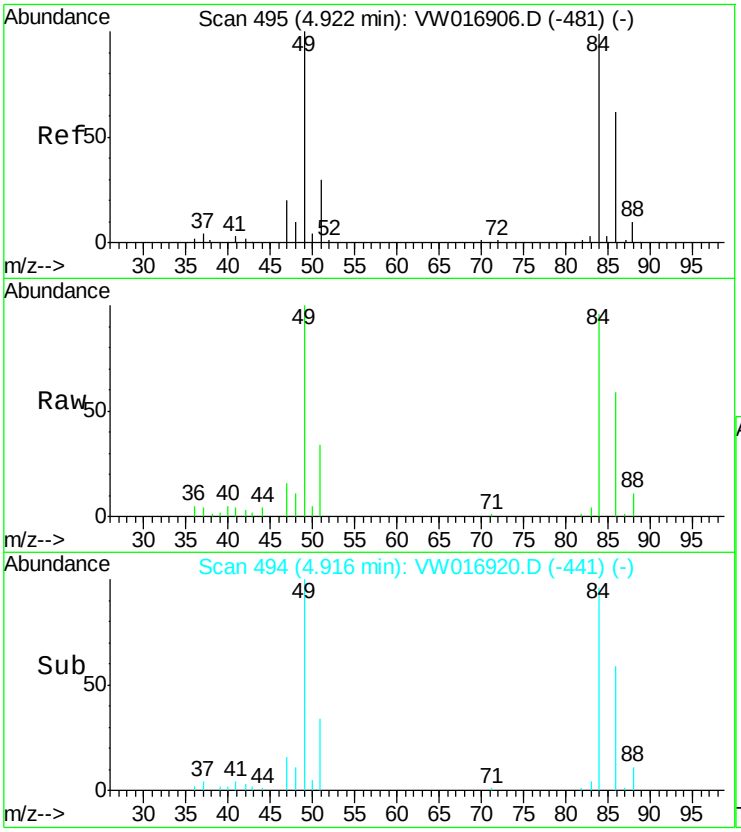
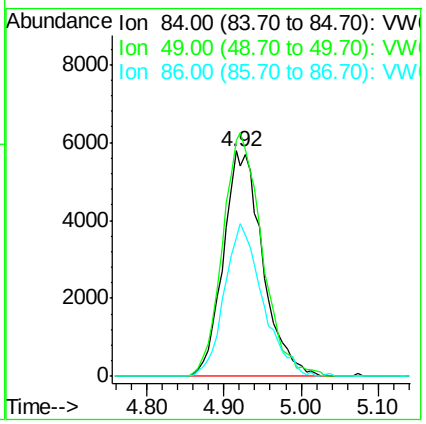




#16
Methylene chloride
Concen: 3.048 ug/L m
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW016920.D
Acq: 15 Oct 2020 18:30

Tgt Ion: 84 Resp: 20459

Ion	Ratio	Lower	Upper
84	100		
49	104.7	73.1	135.8
86	61.4	46.0	85.4



Instrument :
MSVOA_W
ClientSampleId :
VIBLK14

Manual Integrations APPROVED
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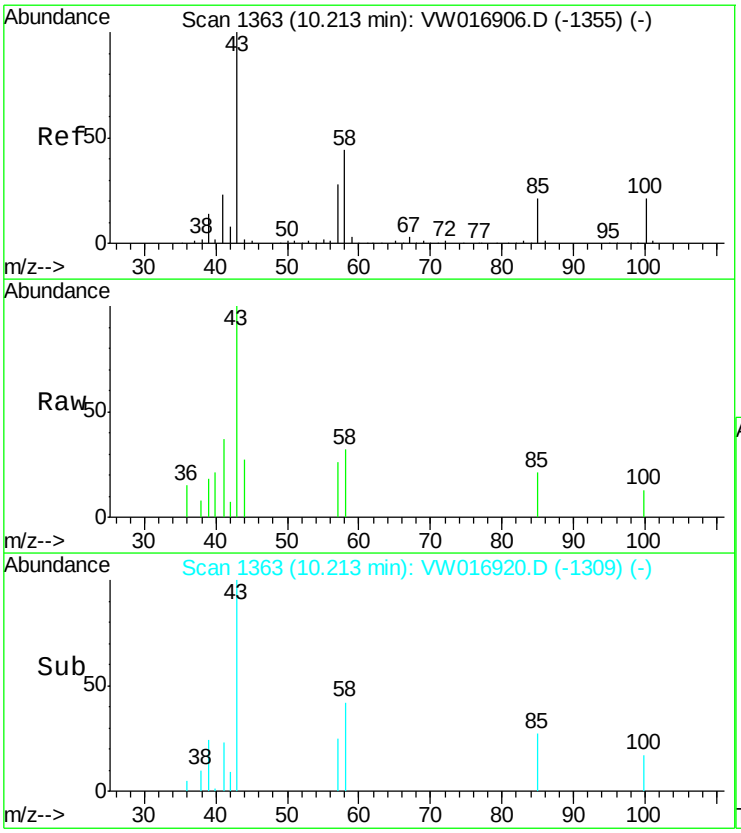
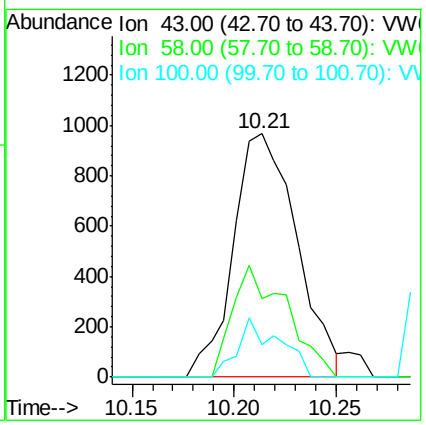
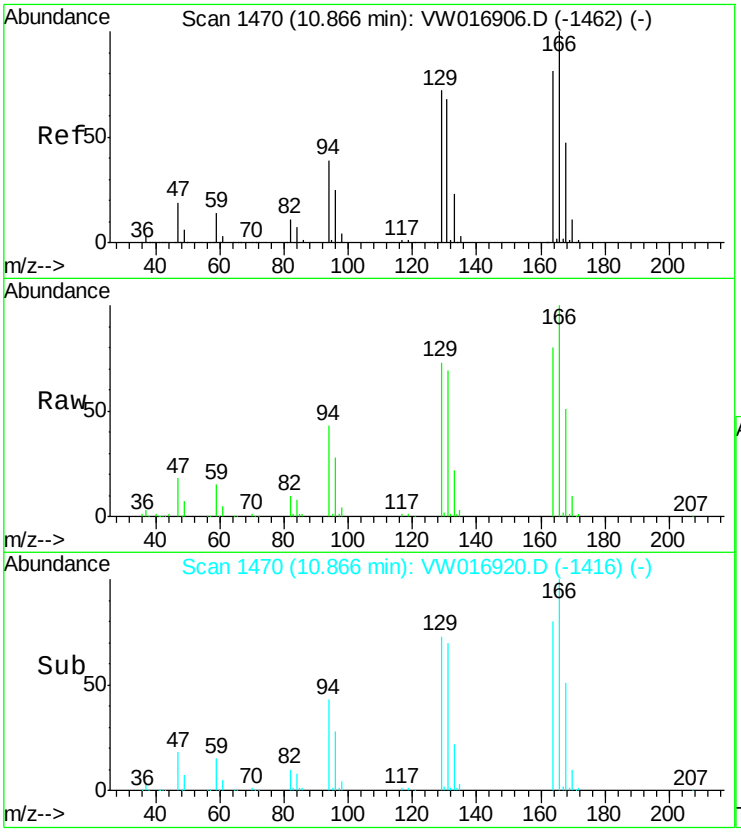


#43
4-Methyl-2-pentanone
Concen: 0.788 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW016920.D
Acq: 15 Oct 2020 18:30

Tgt Ion: 43 Resp: 2090

Ion	Ratio	Lower	Upper
43	100		
58	21.5	34.7	52.1#
100	8.9	16.9	25.3#

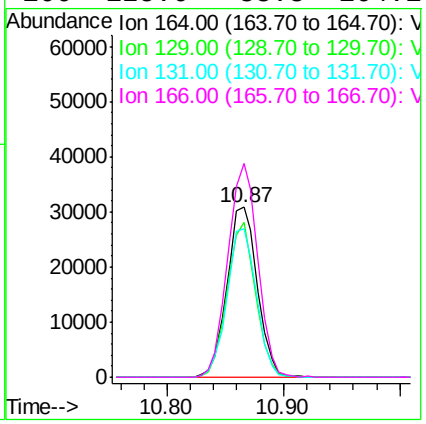




#47
Tetrachloroethene
Concen: 9.120 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016920.D
Acq: 15 Oct 2020 18:30

Tgt Ion:164 Resp: 55753

Ion	Ratio	Lower	Upper
164	100		
129	91.2	61.7	114.7
131	87.3	59.7	110.9
166	125.6	88.3	164.1



Instrument :
MSVOA_W
ClientSampleId :
VIBLK14

Manual Integrations APPROVED
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