Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091518\

Quantitation Report (Not Reviewed)

Data File : VW005395.D
Acq On : 14 Sep 2018 18:37
Operator : SY/AP
Sample : J4865-22
Misc : 3.58G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB3Q1

Quant Time: Sep 14 23:18:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091318S.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 14 23:16:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	285632	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	299221	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	148795	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	71094	21.57	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.28%			
7) Chloroethane-d5	2.89	69	57885	24.83	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.32%			
10) 1,1-Dichloroethene-d2	4.02	63	96839	16.45	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 65.80%			
20) 2-Butanone-d5	7.09	46	35201	28.35	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 56.70%			
24) Chloroform-d	7.65	84	136648	25.65	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 102.60%			
26) 1,2-Dichloroethane-d4	8.31	65	85005	24.95	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.80%			
29) Benzene-d6	8.28	84	269625	22.44	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 89.76%			
33) 1,2-Dichloropropane-d6	9.27	67	79445	23.17	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 92.68%			
37) Toluene-d8	10.33	98	278002	22.84	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.36%			
38) trans-1,3-Dichloropropene-	10.59	79	37272	21.72	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 86.88%			
39) 2-Hexanone-d5	10.93	63	29088	27.24	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 54.48%			
48) 1,1,2,2-Tetrachloroethane-	12.70	84	67950	18.95	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 75.80%			
61) 1,2-Dichlorobenzene-d4	13.86	152	110461	24.74	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.96%			

Target Compounds						Qvalue
16) Methylene chloride	4.92	84	13054	2.407	ug/L	86
35) Trichloroethene	8.85	95	9226	2.085	ug/L #	6
36) Methylcyclohexane	9.28	83	20053	2.611	ug/L #	16

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

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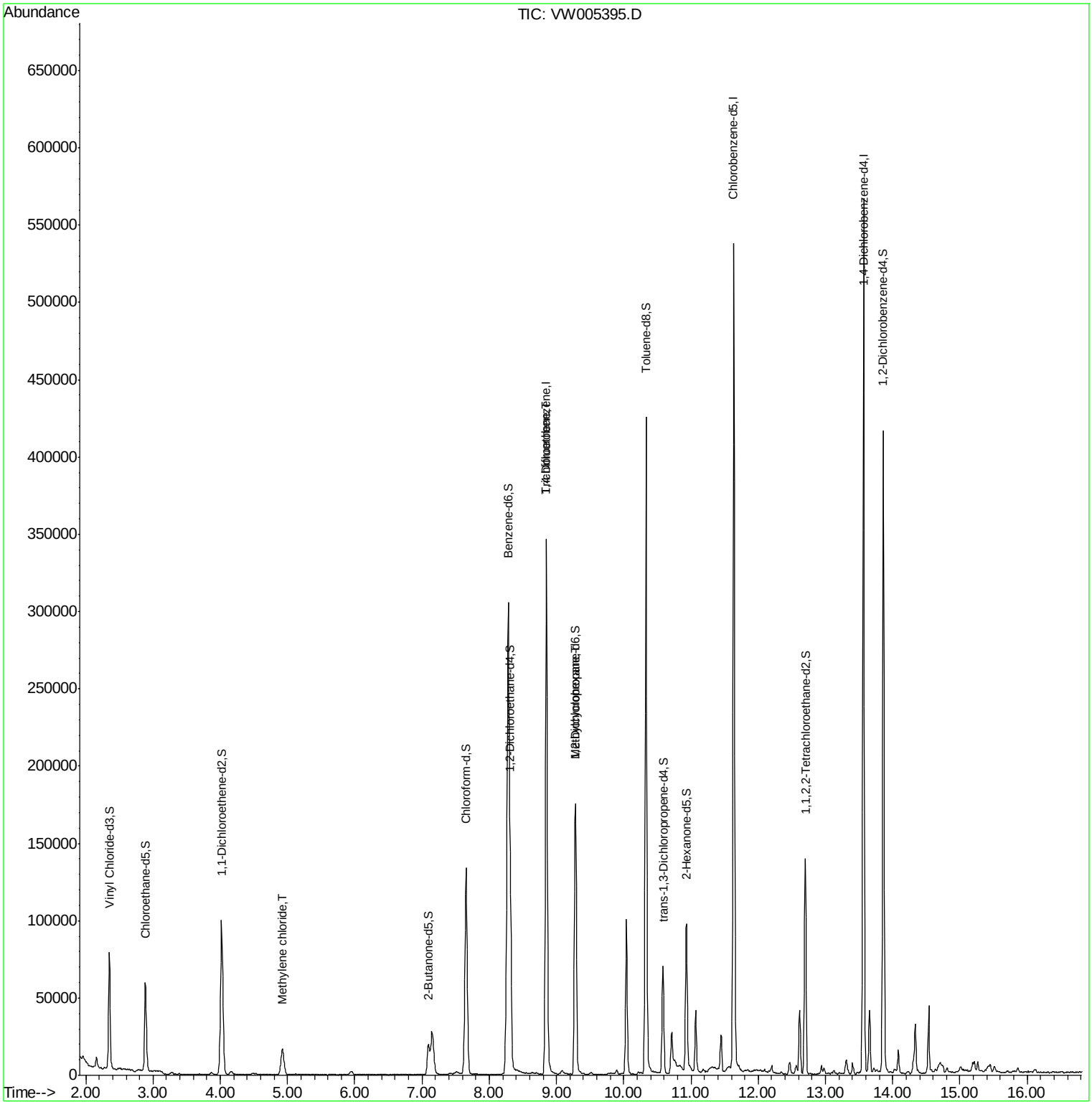
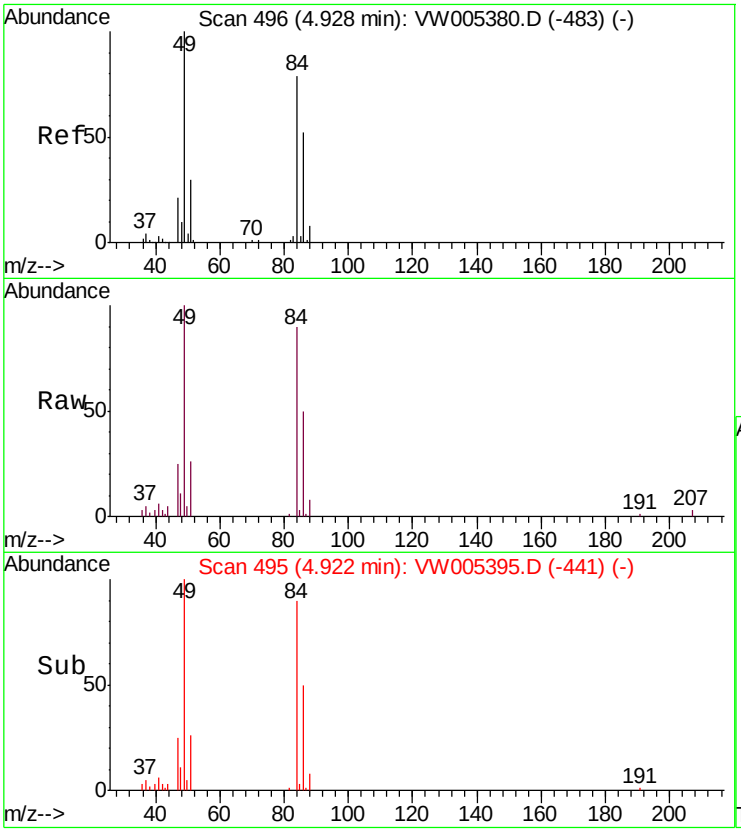
Response via : Initial Calibration



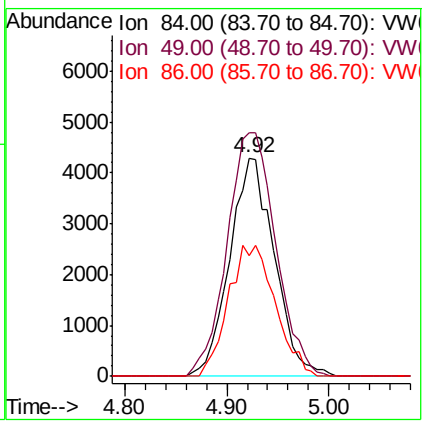


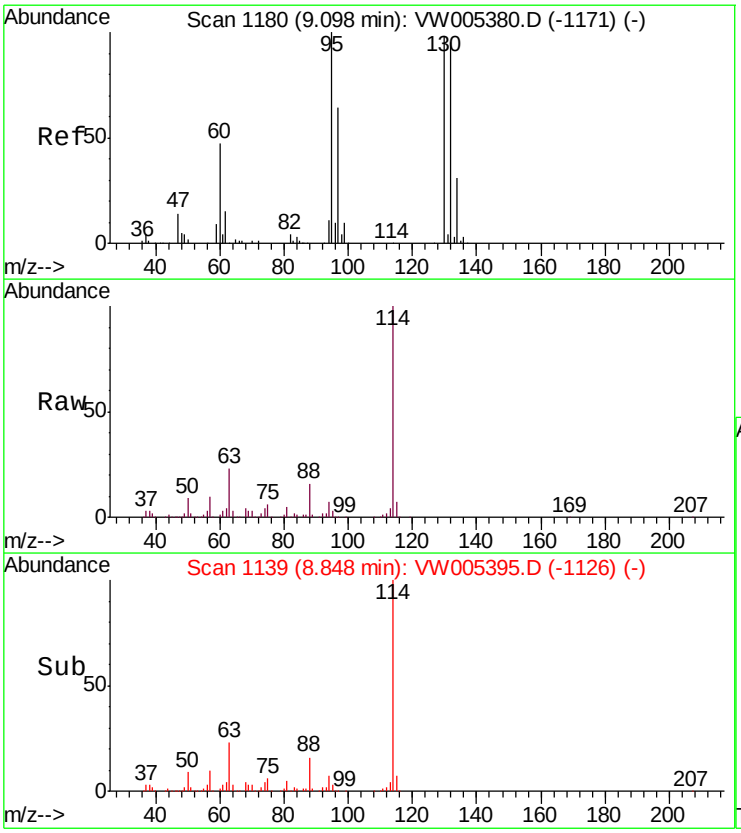
#16
Methylene chloride
Concen: 2.407 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW005395.D
Acq: 14 Sep 2018 18:37

Instrument : MSVOA_W
ClientSampleId : DB3Q1

Tgt Ion: 84 Resp: 13054

Ion	Ratio	Lower	Upper
84	100		
49	111.3	90.9	168.7
86	55.3	43.6	81.0

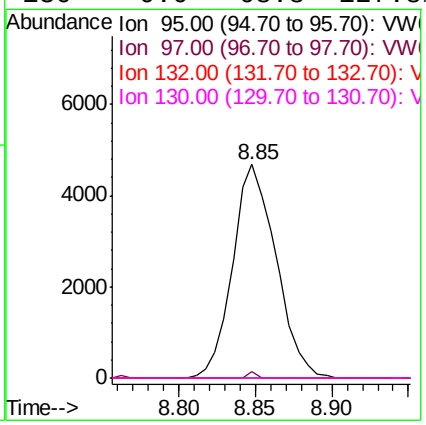


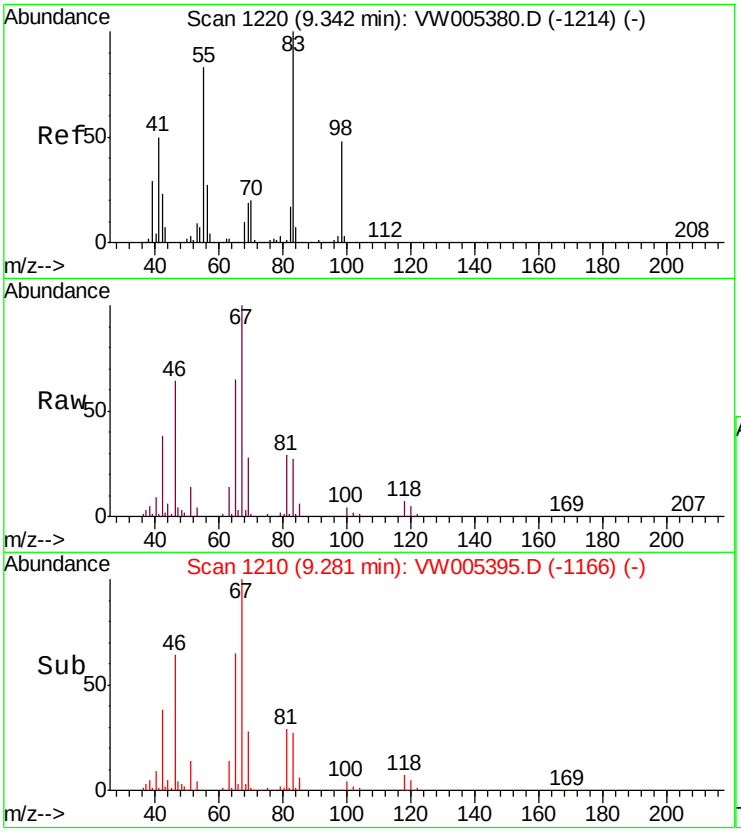


#35
Trichloroethene
Concen: 2.085 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.25 min
Lab File: VW005395.D
Acq: 14 Sep 2018 18:37

Tgt Ion: 95 Resp: 9226

Ion	Ratio	Lower	Upper
95	100		
97	0.4	45.0	83.6#
132	0.5	67.2	124.8#
130	0.0	68.8	127.8#





#36
Methylcyclohexane
Concen: 2.611 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.06 min
Lab File: VW005395.D
Acq: 14 Sep 2018 18:37

Instrument :
MSVOA_W
ClientSampleId :
DB3Q1

Tgt Ion: 83 Resp: 20053

Ion	Ratio	Lower	Upper
83	100		
55	0.3	66.4	99.6#
98	0.8	37.3	55.9#