Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW030119\

Quantitation Report (Not Reviewed)

Data File : VW008930.D
Acq On : 01 Mar 2019 18:09
Operator : SY/VA
Sample : K1662-02
Misc : 5.65G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFC58

Quant Time: Mar 02 02:59:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022019S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 02 02:55:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	411063	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	413469	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	204497	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.34	65	100753	15.76	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 63.04%			
7) Chloroethane-d5	2.80	69	239	0.04	ug/L	-0.08
Spiked Amount 25.000	Range 30 - 150		Recovery = 0.16%#			
10) 1,1-Dichloroethene-d2	4.01	63	133357	12.54	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 50.16%			
20) 2-Butanone-d5	7.07	46	79234	41.55	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 83.10%			
24) Chloroform-d	7.65	84	179437	18.05	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 72.20%			
26) 1,2-Dichloroethane-d4	8.31	65	123975	21.13	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 84.52%			
29) Benzene-d6	8.27	84	374717	18.88	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 75.52%			
33) 1,2-Dichloropropane-d6	9.27	67	116679	20.07	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 80.28%			
37) Toluene-d8	10.32	98	374309	18.83	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 75.32%			
38) trans-1,3-Dichloropropene-	10.58	79	52800	18.12	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 72.48%			
39) 2-Hexanone-d5	10.93	63	65275	41.20	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 82.40%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	114371	19.59	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 78.36%			
61) 1,2-Dichlorobenzene-d4	13.86	152	154790	21.24	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 84.96%			
Target Compounds						Qvalue
14) Carbon disulfide	4.38	76	5140	0.290	ug/L #	90
16) Methylene chloride	4.92	84	15199	2.287	ug/L	92
25) Chloroform	7.68	83	12999	1.288	ug/L	100
49) 2-Hexanone	10.92	43	9002	2.293	ug/L #	65

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

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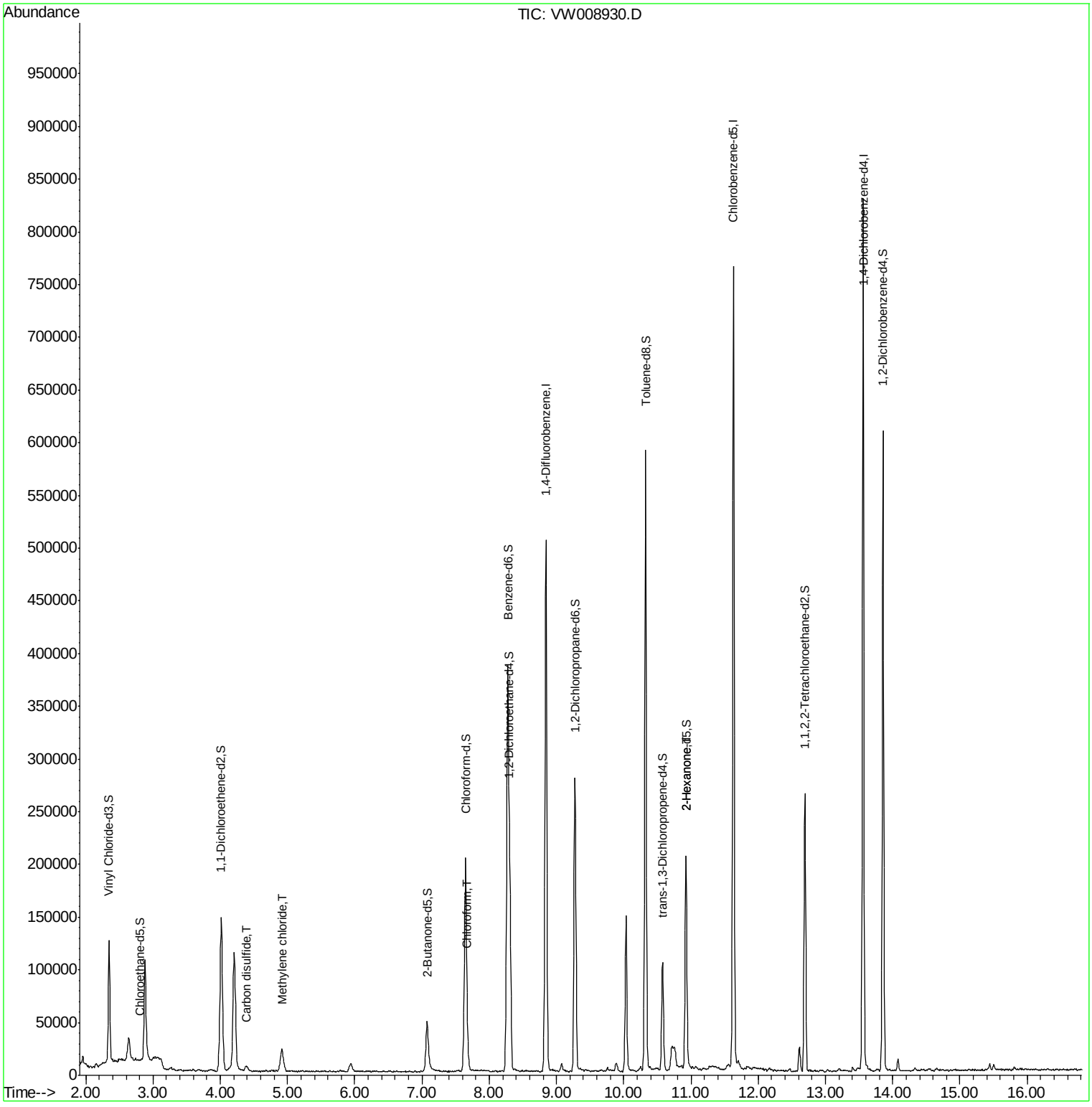
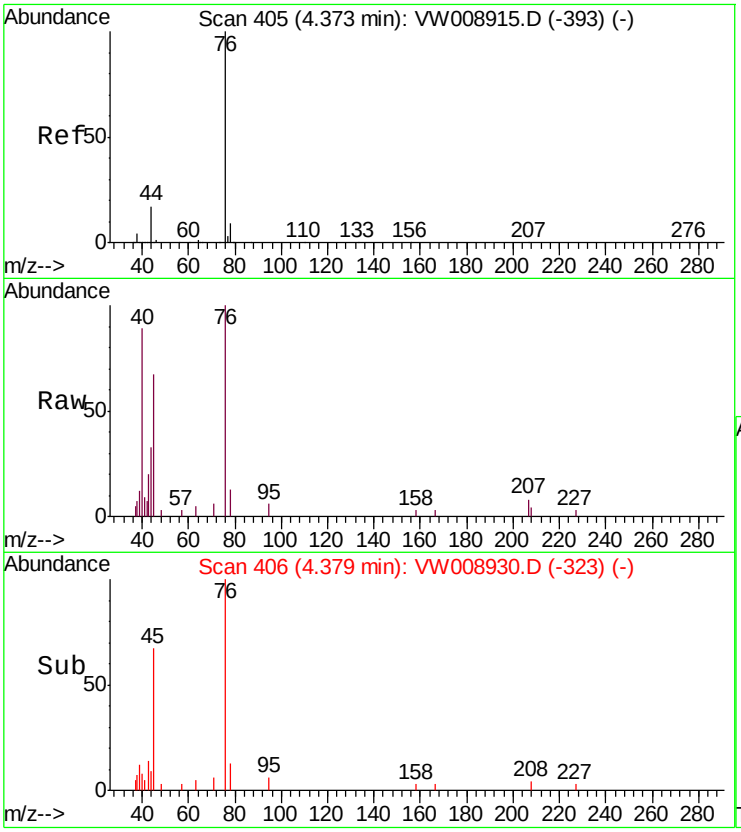
Quant Title : VOC Analysis
QLast Update : Sat Mar 02 02:55:16 2019
Response via : Initial Calibration



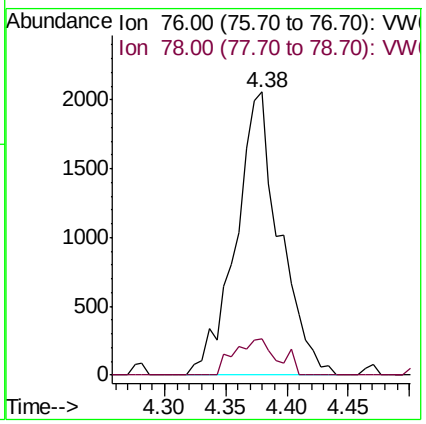


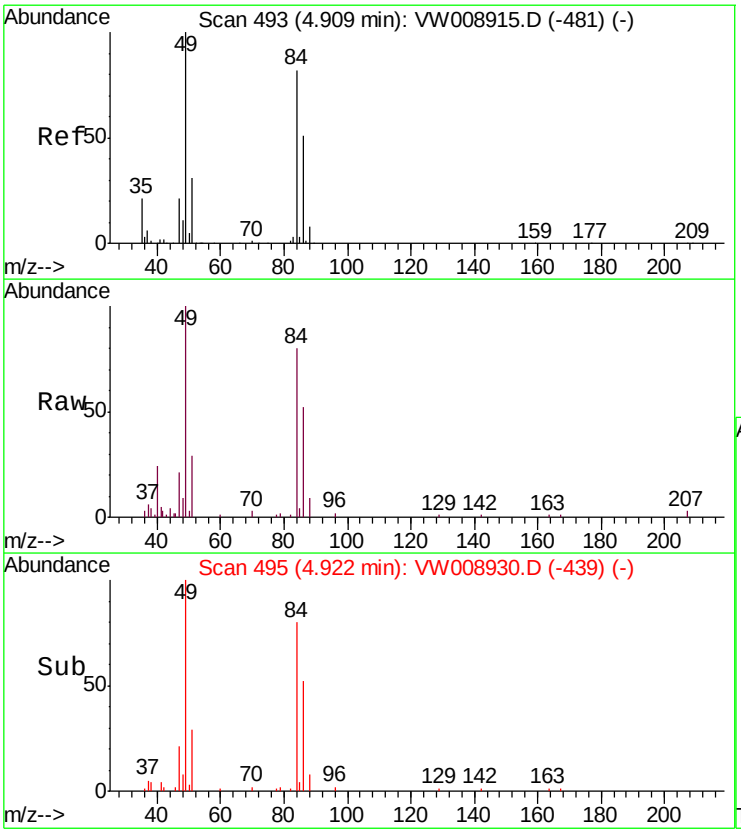
#14
Carbon disulfide
Concen: 0.290 ug/L
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW008930.D
Acq: 01 Mar 2019 18:09

Instrument : MSVOA_W
ClientSampleId : BFC58

Tgt Ion: 76 Resp: 5140

Ion	Ratio	Lower	Upper
76	100		
78	13.0	7.5	11.3#

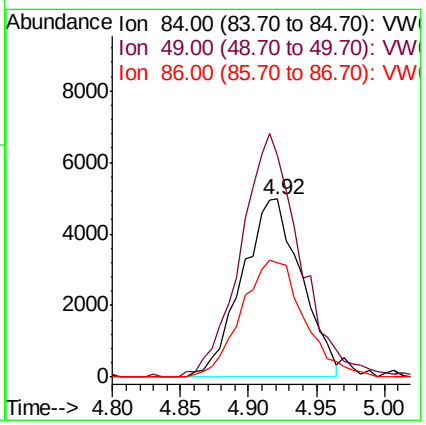


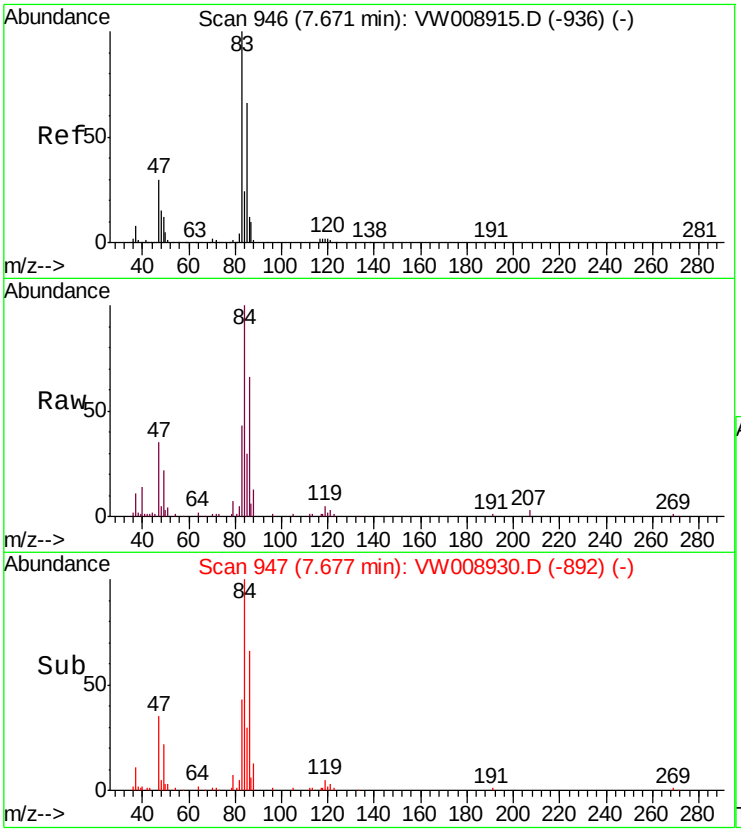


#16
Methylene chloride
Concen: 2.287 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW008930.D
Acq: 01 Mar 2019 18:09

Tgt Ion: 84 Resp: 15199

Ion	Ratio	Lower	Upper
84	100		
49	124.6	79.2	147.0
86	64.3	43.2	80.2



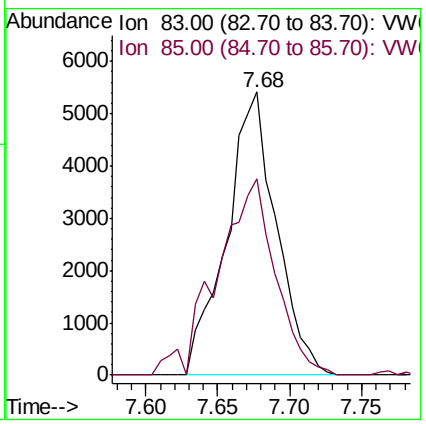


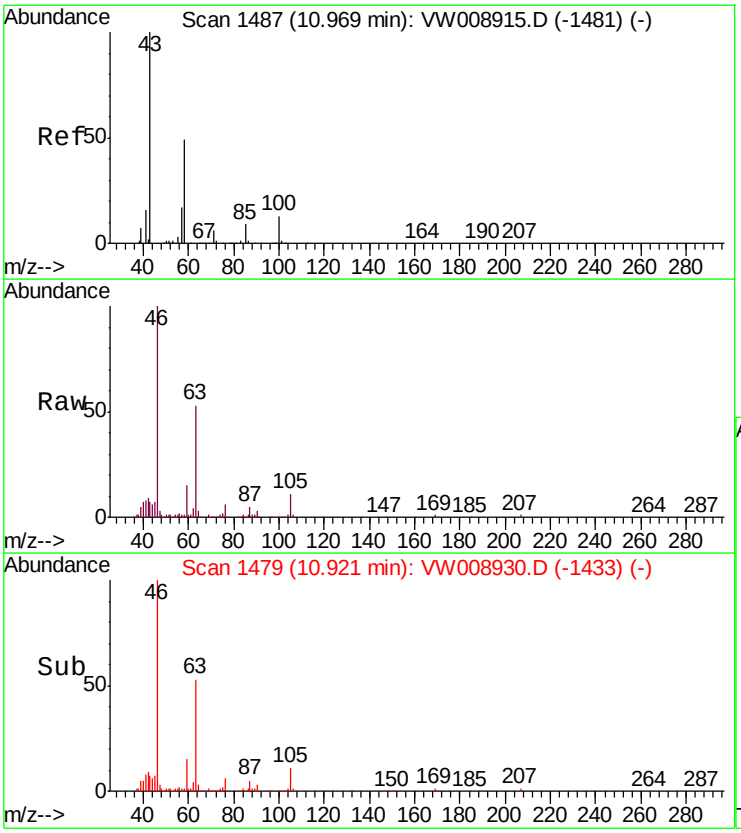
#25
Chloroform
Concen: 1.288 ug/L
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW008930.D
Acq: 01 Mar 2019 18:09

Instrument : MSVOA_W
ClientSampleId : BFC58

Tgt Ion: 83 Resp: 12999

Ion	Ratio	Lower	Upper
83	100		
85	65.2	45.8	85.2





#49
2-Hexanone
Concen: 2.293 ug/L
RT: 10.92 min Scan# 1479
Delta R.T. -0.05 min
Lab File: VW008930.D
Acq: 01 Mar 2019 18:09

Tgt Ion: 43 Resp: 9002

Ion	Ratio	Lower	Upper
43	100		
58	23.3	46.2	69.4#
57	29.6	17.9	26.9#
100	6.1	11.4	17.2#