Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032519\
Data File : VW009437.D
Acq On : 25 Mar 2019 19:51
Operator : SY/VA
Sample : K2044-03
Misc : 5.98G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5T3

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3/27/2019 12:14:40 PM

Quant Time: Mar 26 09:32:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 09:00:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	376253	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	312528	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	88956	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	97470	21.68	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.72%			
7) Chloroethane-d5	2.89	69	109969	20.90	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 83.60%			
10) 1,1-Dichloroethene-d2	4.01	63	158988	16.36	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 65.44%			
20) 2-Butanone-d5	7.08	46	106817m	57.45	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 114.90%			
24) Chloroform-d	7.65	84	253819	24.72	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.88%			
26) 1,2-Dichloroethane-d4	8.31	65	162823m	26.32	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.28%			
29) Benzene-d6	8.27	84	448655	26.03	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 104.12%			
33) 1,2-Dichloropropane-d6	9.27	67	149439	28.87	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 115.48%			
37) Toluene-d8	10.32	98	358847	22.52	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 90.08%			
38) trans-1,3-Dichloropropene-	10.58	79	60082	23.11	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 92.44%			
39) 2-Hexanone-d5	10.93	63	76768	61.23	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 122.46%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	124627	24.44	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 97.76%			
61) 1,2-Dichlorobenzene-d4	13.86	152	83803	24.57	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.28%			
Target Compounds						Qvalue
13) Acetone	4.14	43	12692	8.323	ug/L	98
16) Methylene chloride	4.92	84	21789m	3.971	ug/L	
47) Tetrachloroethene	10.87	164	2183	0.567	ug/L #	85

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

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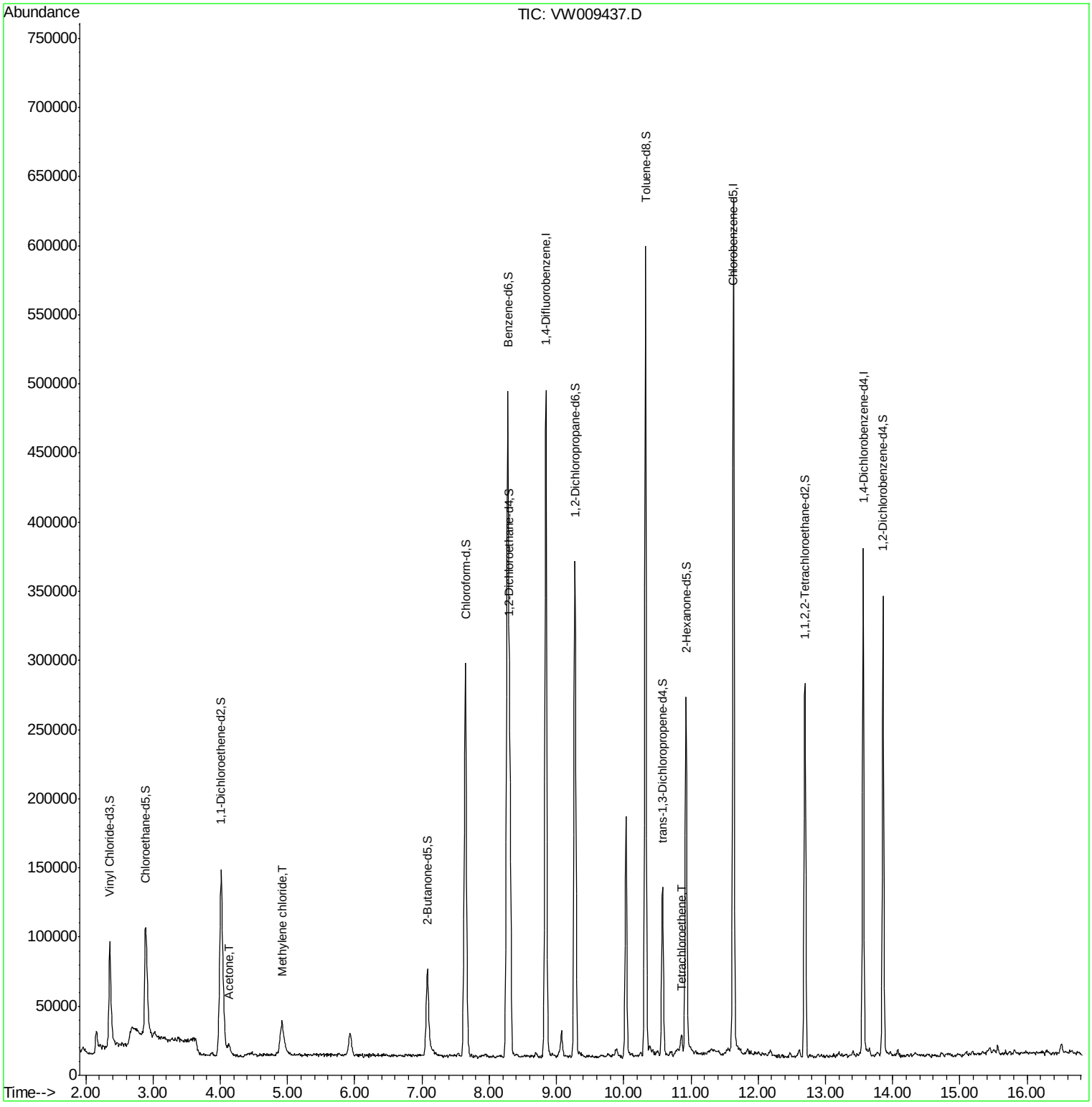
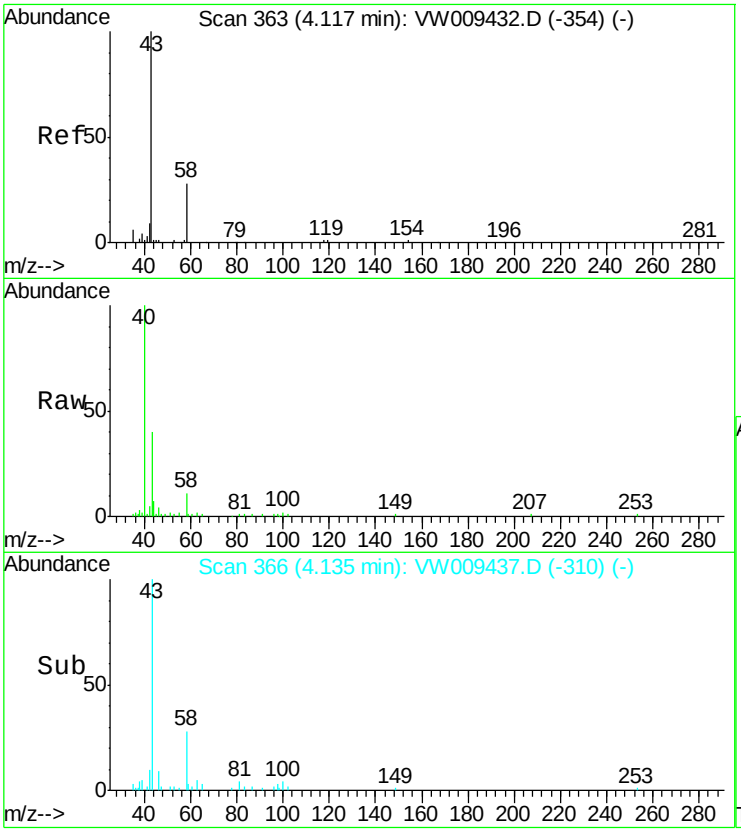
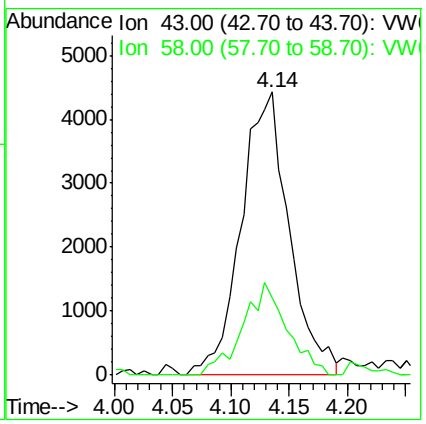




#13
Acetone
Concen: 8.323 ug/L
RT: 4.14 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW009437.D
Acq: 25 Mar 2019 19:51

Tgt Ion: 43 Resp: 12692

Ion	Ratio	Lower	Upper
43	100		
58	27.2	0.0	56.2



Instrument :
MSVOA_W
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BF5T3

Manual Integrations APPROVED
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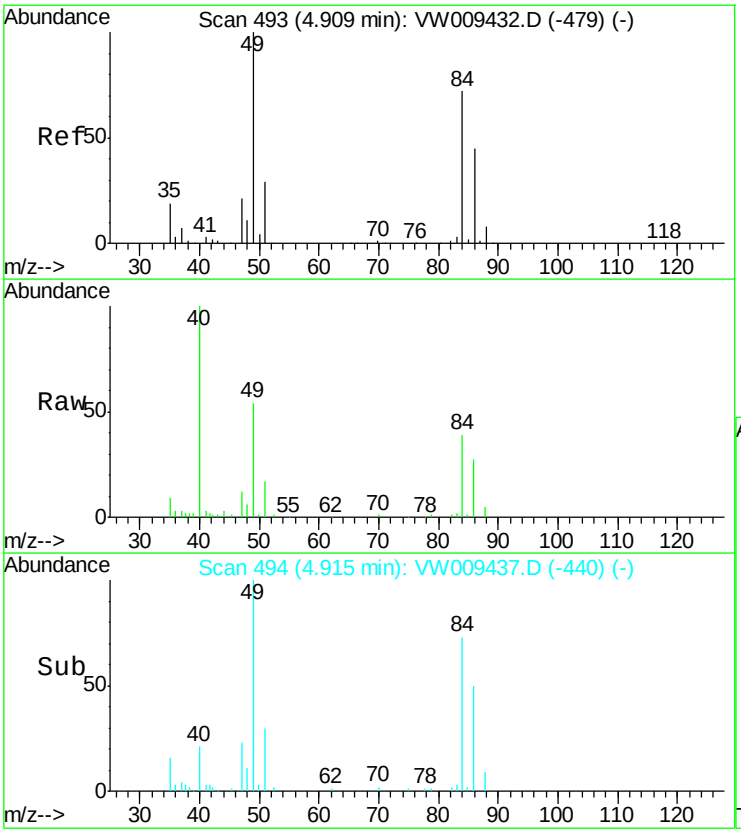
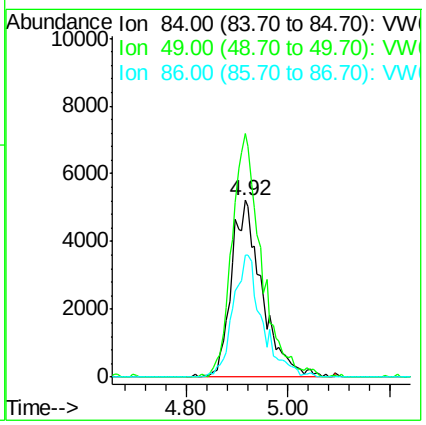
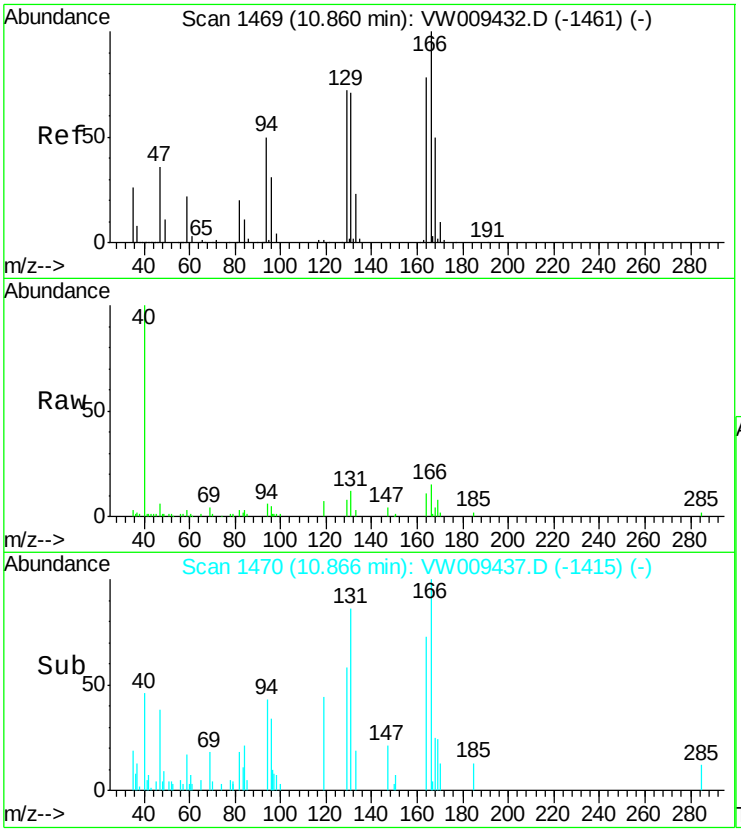


#16
Methylene chloride
Concen: 3.971 ug/L m
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009437.D
Acq: 25 Mar 2019 19:51

Tgt Ion: 84 Resp: 21789

Ion	Ratio	Lower	Upper
84	100		
49	137.6	96.0	178.2
86	68.6	44.4	82.5

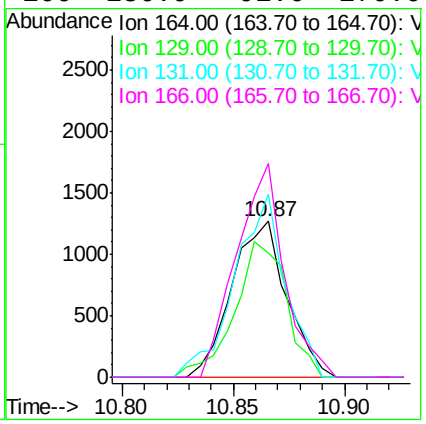




#47
Tetrachloroethene
Concen: 0.567 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW009437.D
Acq: 25 Mar 2019 19:51

Tgt Ion:164 Resp: 2183

Ion	Ratio	Lower	Upper
164	100		
129	79.8	66.5	123.5
131	117.2	62.6	116.3#
166	136.9	91.6	170.0



Instrument :
MSVOA_W
ClientSampleId :
BF5T3

Manual Integrations APPROVED
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3/27/2019 12:14:40 PM