Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040319\
Data File : VV010098.D
Acq On : 03 Apr 2019 18:30
Operator : SY/MD
Sample : K2148-01
Misc : 5.33G/10mL/MSVOA_V/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5F4

Manual Integrations APPROVED
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4/5/2019 10:40:42 AM

Quant Time: Apr 04 08:06:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 06:01:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	233852	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	205759	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	81369	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	55783	17.82	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 71.28%			
7) Chloroethane-d5	1.57	69	74344	19.12	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 76.48%			
10) 1,1-Dichloroethene-d2	2.13	63	118418	14.99	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 59.96%			
20) 2-Butanone-d5	3.94	46	46304	51.98	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 103.96%			
24) Chloroform-d	4.40	84	117561	19.95	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 79.80%			
26) 1,2-Dichloroethane-d4	5.08	65	73708	22.36	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.44%			
29) Benzene-d6	5.10	84	242344	22.71	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 90.84%			
33) 1,2-Dichloropropane-d6	6.11	67	72593	23.05	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 92.20%			
37) Toluene-d8	7.36	98	213873	20.80	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 83.20%			
38) trans-1,3-Dichloropropene-	7.66	79	25601	19.02	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 76.08%			
39) 2-Hexanone-d5	8.14	63	33032	52.30	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.60%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	72713	23.41	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 93.64%			
61) 1,2-Dichlorobenzene-d4	11.67	152	67865	21.41	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 85.64%			
Target Compounds						Qvalue
13) Acetone	2.20	43	8038	9.126	ug/L	96
16) Methylene chloride	2.53	84	15044	3.662	ug/L	94
47) Tetrachloroethene	8.02	164	2353m	0.971	ug/L	

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

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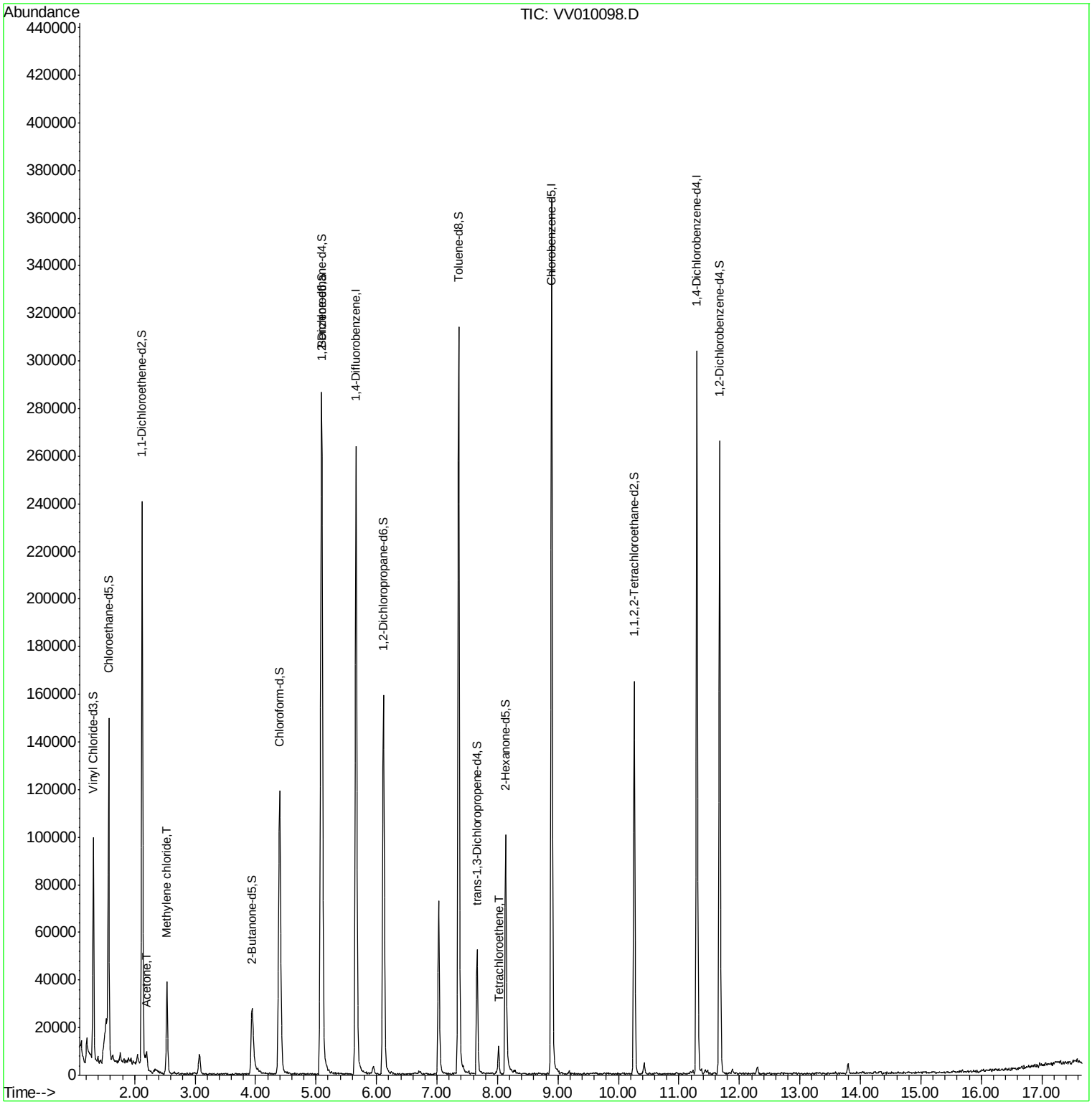

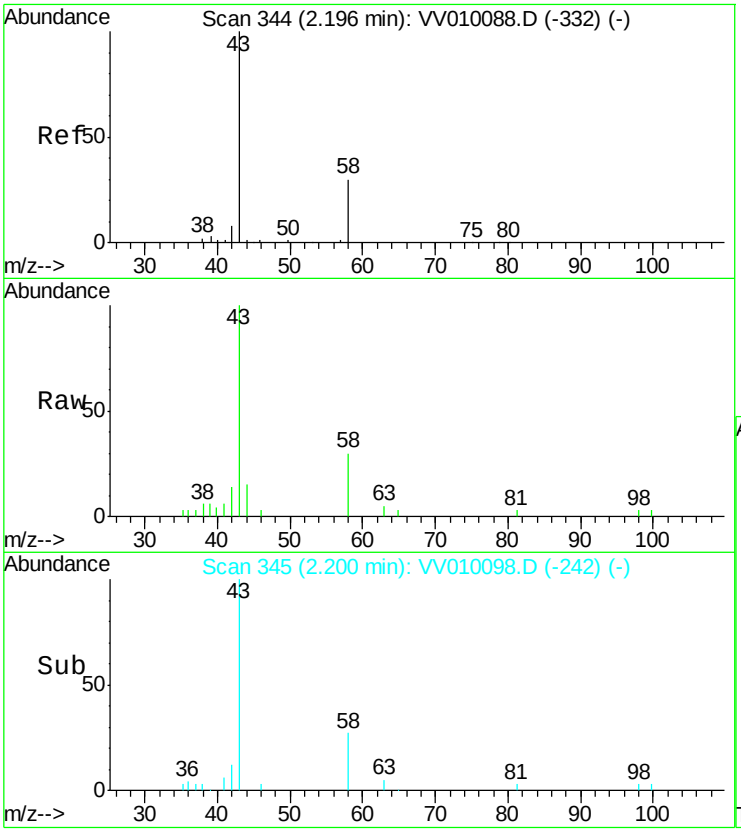

#13
Acetone
Concen: 9.126 ug/L
RT: 2.20 min Scan# 345
Delta R.T. 0.00 min
Lab File: VV010098.D
Acq: 03 Apr 2019 18:30

Tgt Ion: 43 Resp: 8038

Ion	Ratio	Lower	Upper
43	100		
58	29.8	0.0	64.6

Instrument :
MSVOA_V
ClientSampleId :
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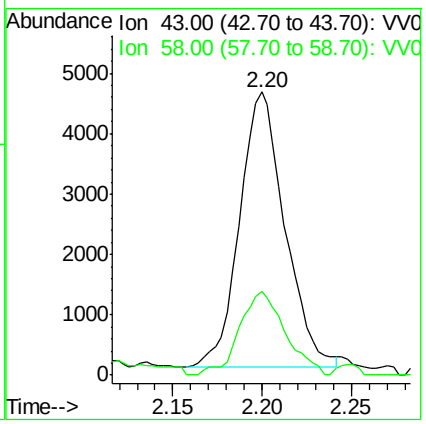
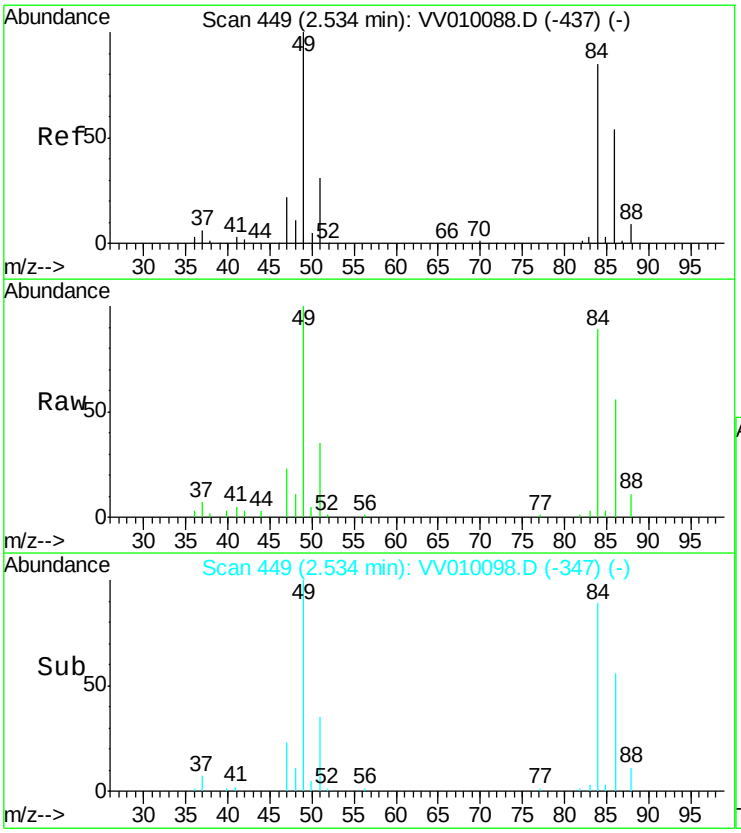
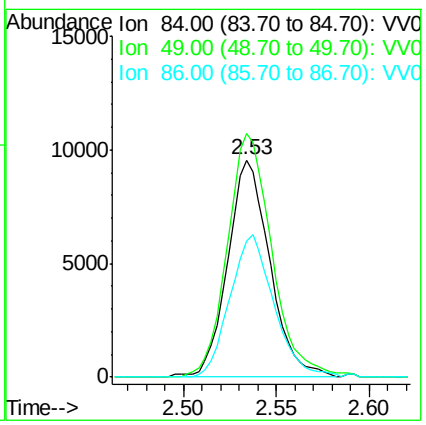


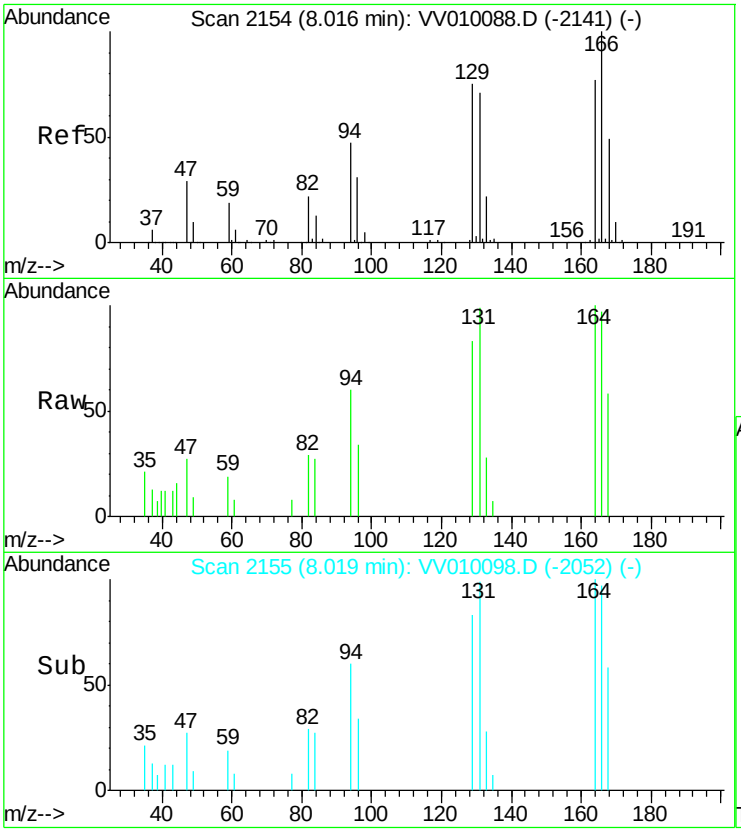


#16
Methylene chloride
Concen: 3.662 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV010098.D
Acq: 03 Apr 2019 18:30

Tgt Ion: 84 Resp: 15044

Ion	Ratio	Lower	Upper
84	100		
49	112.2	84.3	156.5
86	62.7	45.4	84.2

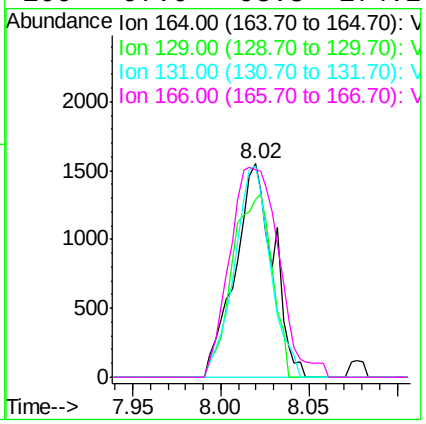




#47
Tetrachloroethene
Concen: 0.971 ug/L m
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV010098.D
Acq: 03 Apr 2019 18:30

Tgt Ion:164 Resp: 2353

Ion	Ratio	Lower	Upper
164	100		
129	83.3	67.8	125.8
131	98.8	65.2	121.0
166	97.0	93.8	174.2



Instrument :
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