Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031819\
Data File : VV009765.D
Acq On : 18 Mar 2019 17:48
Operator : SY/MD
Sample : K1967-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C09B7

Quant Time: Apr 03 09:20:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 12:32:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	133853	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	130132	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	51068	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	41808	46.32	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.64%			
7) Chloroethane-d5	1.56	69	35321	53.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 106.10%			
11) 1,1-Dichloroethene-d2	2.12	63	70031	36.44	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.88%			
21) 2-Butanone-d5	3.93	46	54791	101.92	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 101.92%			
24) Chloroform-d	4.40	84	79699	48.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.14%			
26) 1,2-Dichloroethane-d4	5.08	65	51444	51.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.24%			
32) Benzene-d6	5.10	84	171601	50.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.92%			
36) 1,2-Dichloropropane-d6	6.12	67	53351	51.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.06%			
41) Toluene-d8	7.36	98	162562	49.68	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.36%			
43) trans-1,3-Dichloropropene-	7.67	79	23179	47.34	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.68%			
47) 2-Hexanone-d5	8.14	63	39223	93.08	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 93.08%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	72686	46.28	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.56%			
64) 1,2-Dichlorobenzene-d4	11.68	152	52474	50.78	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.56%			
Target Compounds						Qvalue
51) Chlorobenzene	8.93	112	5083	1.913	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	4302	2.545	ug/L	93
68) 1,2,4-trichlorobenzene	13.31	180	3003	4.021	ug/L	96

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

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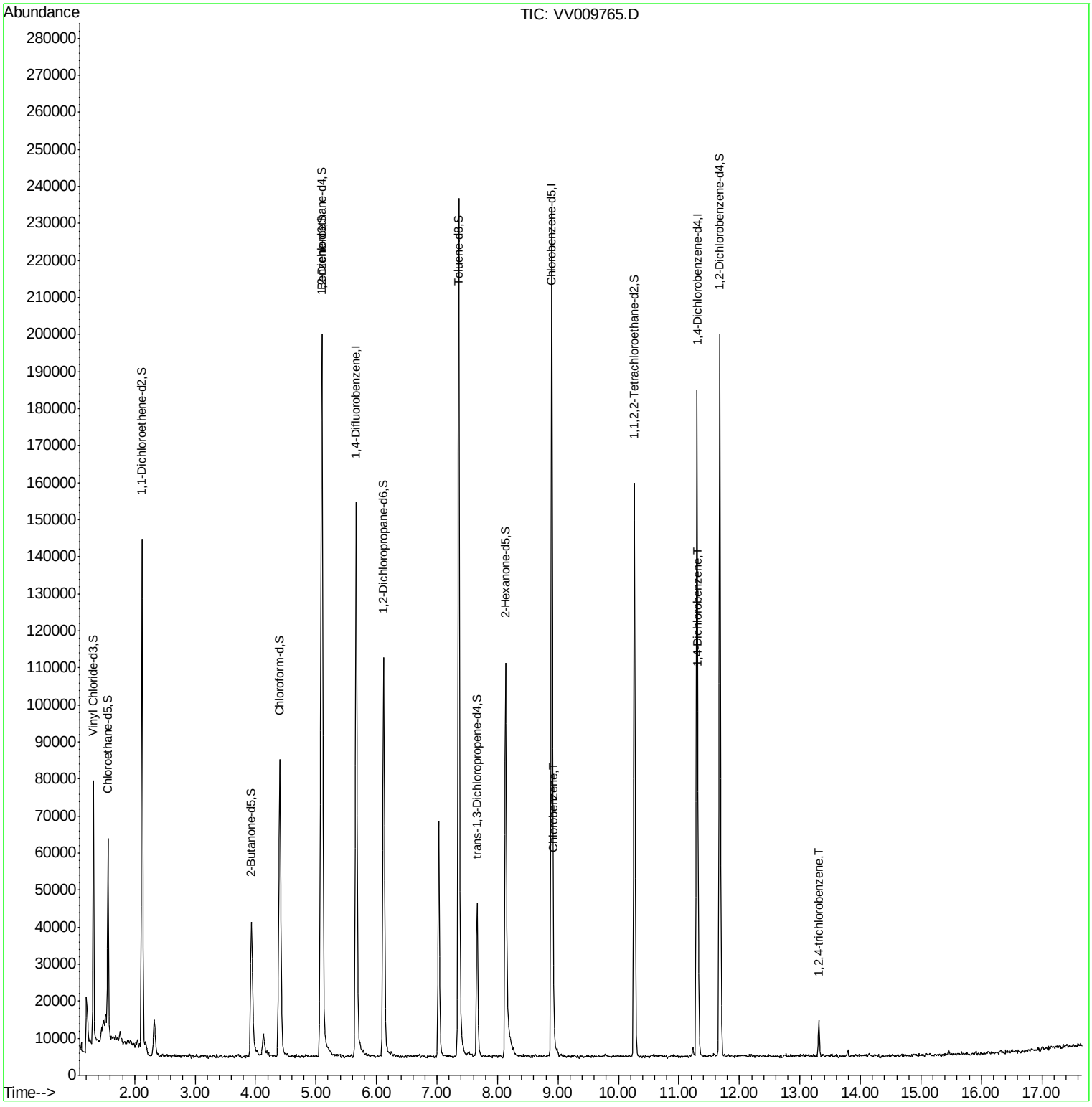
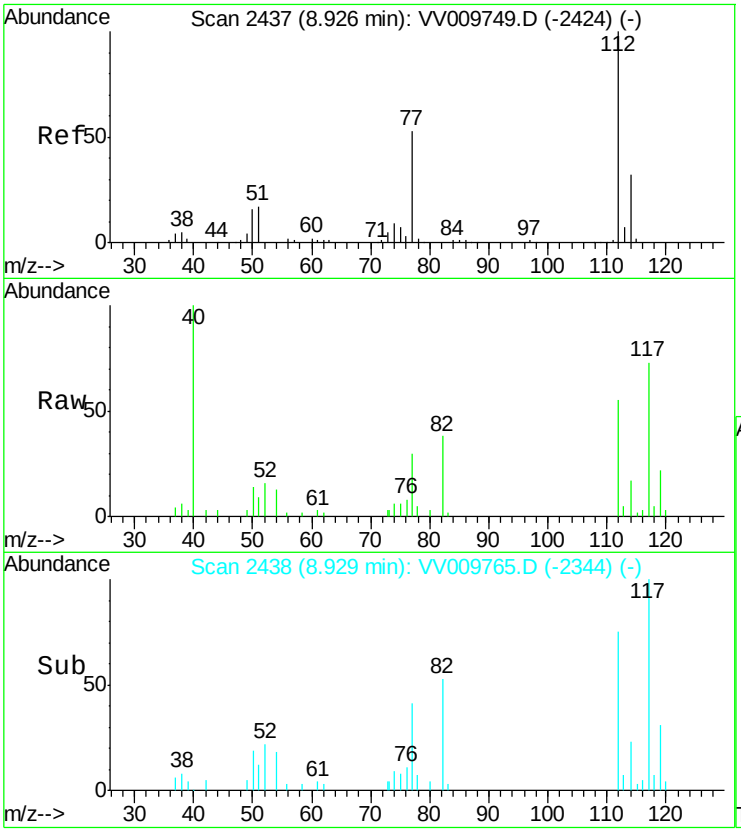


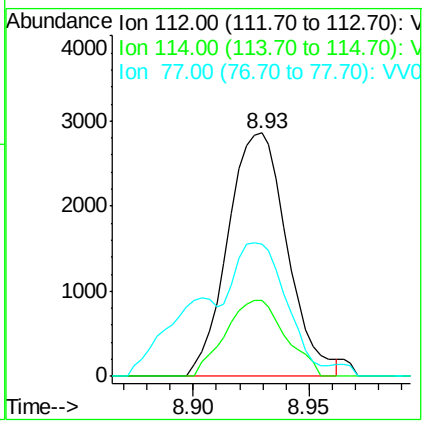


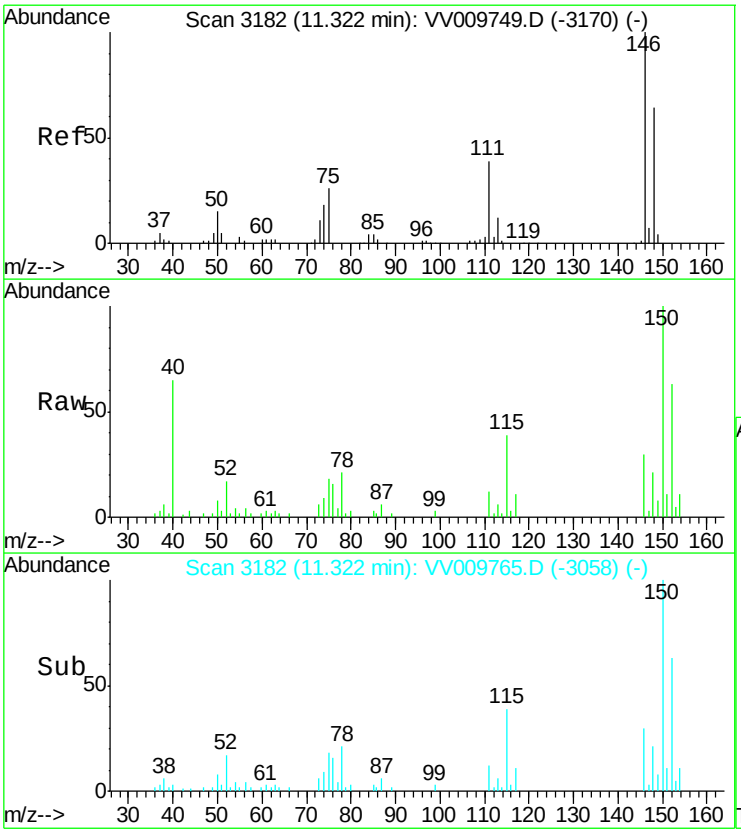
#51
Chlorobenzene
Concen: 1.913 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. 0.00 min
Lab File: VV009765.D
Acq: 18 Mar 2019 17:48

Instrument :
MSVOA_V
ClientSampleId :
C09B7

Tgt Ion:112 Resp: 5083

Ion	Ratio	Lower	Upper
112	100		
114	31.0	22.5	41.9
77	54.4	45.4	68.2

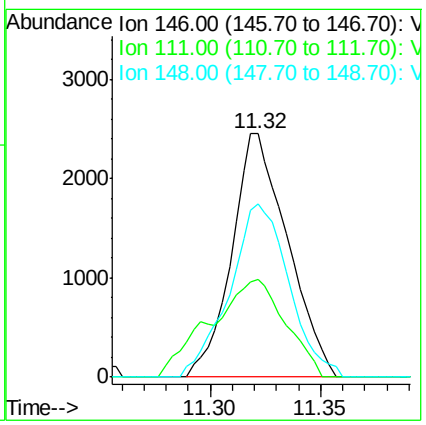


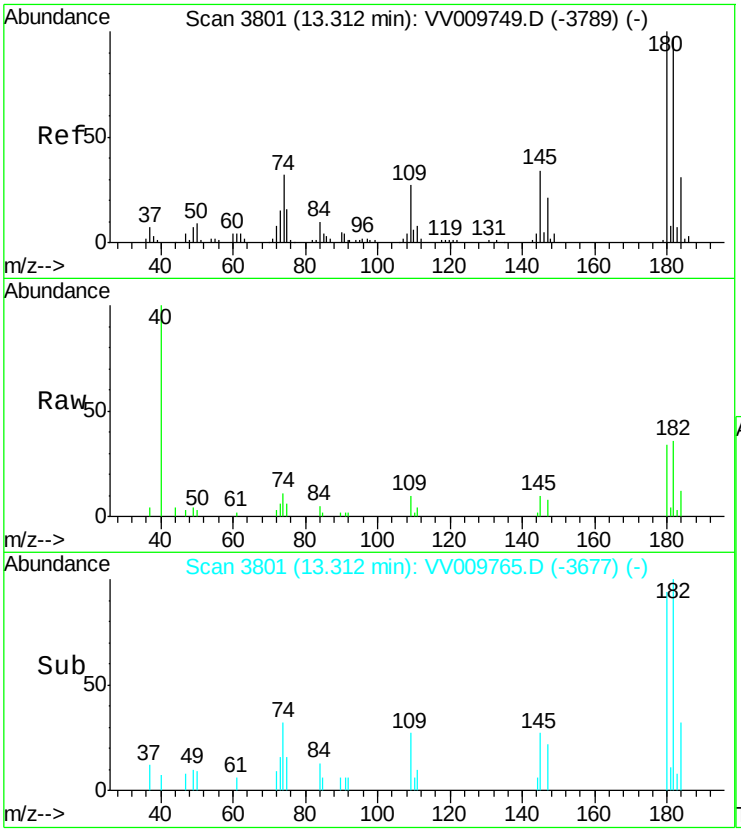


#63
1,4-Dichlorobenzene
Concen: 2.545 ug/L
RT: 11.32 min Scan# 3182
Delta R.T. -0.00 min
Lab File: VV009765.D
Acq: 18 Mar 2019 17:48

Tgt Ion:146 Resp: 4302

Ion	Ratio	Lower	Upper
146	100		
111	40.0	26.7	49.5
148	71.0	44.3	82.3





#68
1,2,4-trichlorobenzene
Concen: 4.021 ug/L
RT: 13.31 min Scan# 3801
Delta R.T. 0.00 min
Lab File: VV009765.D
Acq: 18 Mar 2019 17:48

Instrument :
MSVOA_V
ClientSampleId :
C09B7

Tgt Ion:180 Resp: 3003

Ion	Ratio	Lower	Upper
180	100		
182	98.9	75.7	113.5
145	30.6	25.3	37.9