

Quantitation Report (QT Reviewed)

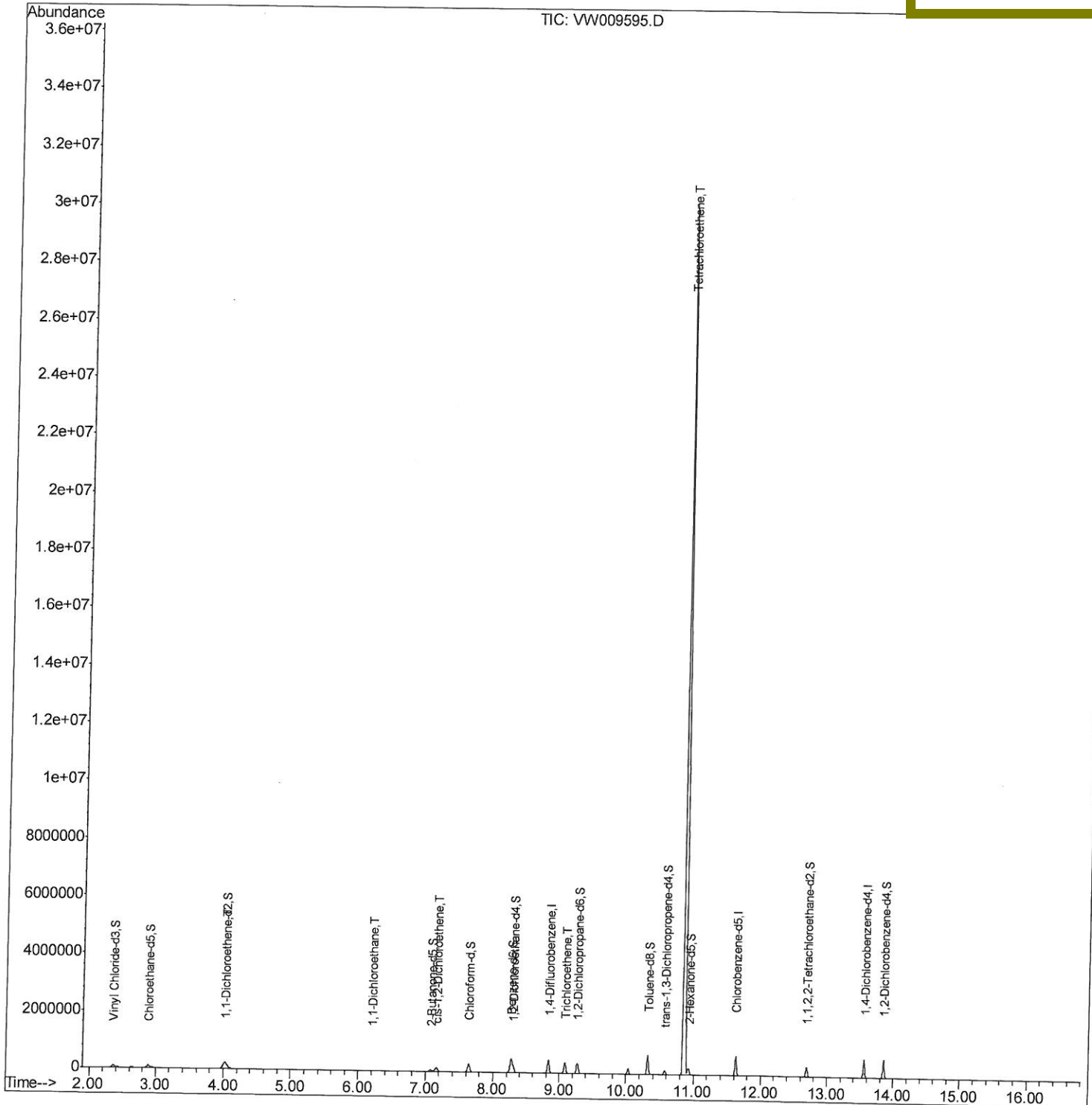
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW033019\
 Data File : VW009595.D
 Acq On : 30 Mar 2019 17:28
 Operator : SY/VA
 Sample : K2167-10
 Misc : 5.73G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF111

Quant Time: Mar 30 22:05:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 30 21:16:55 2019
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 4/1/2019 4:02:12 AM



Quantitation Report (Qedit)

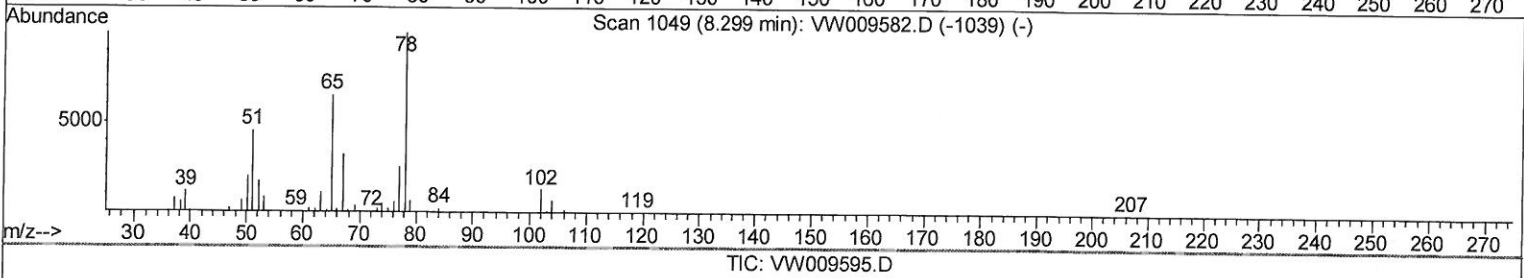
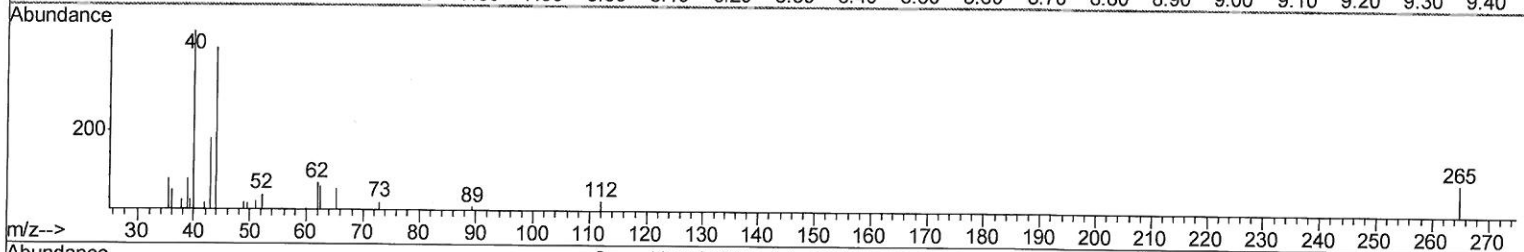
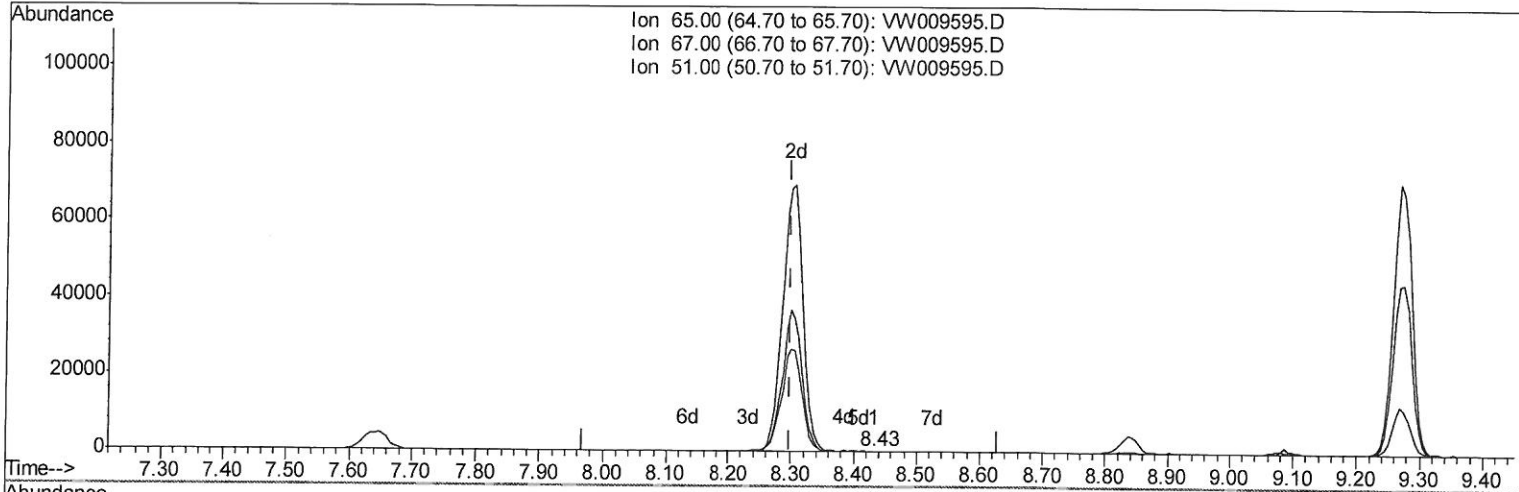
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW033019\
 Data File : VW009595.D
 Acq On : 30 Mar 2019 17:28
 Operator : SY/VA
 Sample : K2167-10
 Misc : 5.73G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 Client Sampled :
 BF111

Quant Time: Mar 30 21:20:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 30 21:16:55 2019
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 4/1/2019 4:02:12 AM



(26) 1,2-Dichloroethane-d4 (S)

8.433min (+0.134) 0.02ug/L

response 89

Ion	Exp%	Act%
65.00	100	100
67.00	50.80	57.30
51.00	97.70	91.01
0.00	0.00	0.00

Quantitation Report (Qedit)

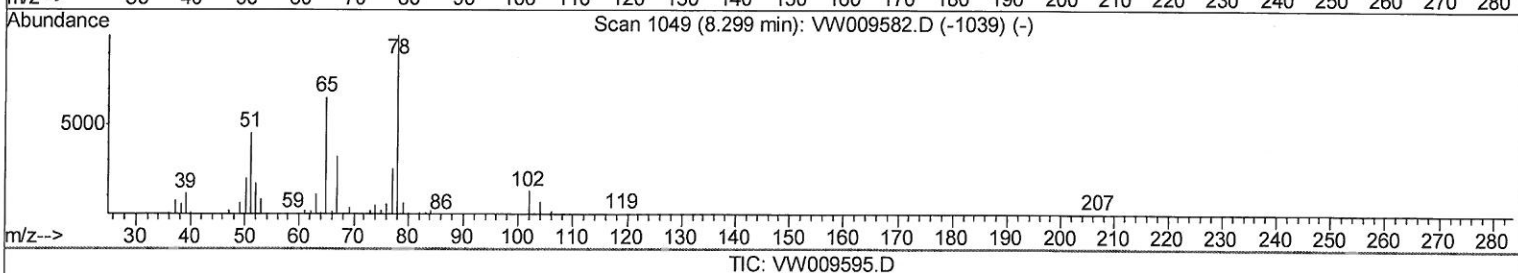
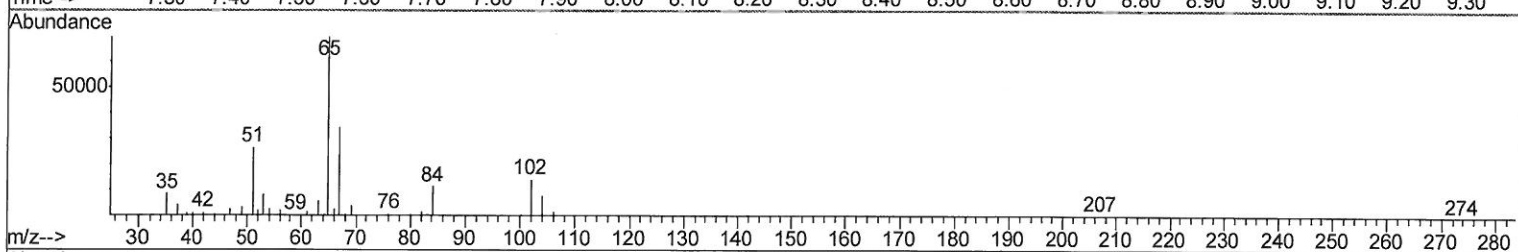
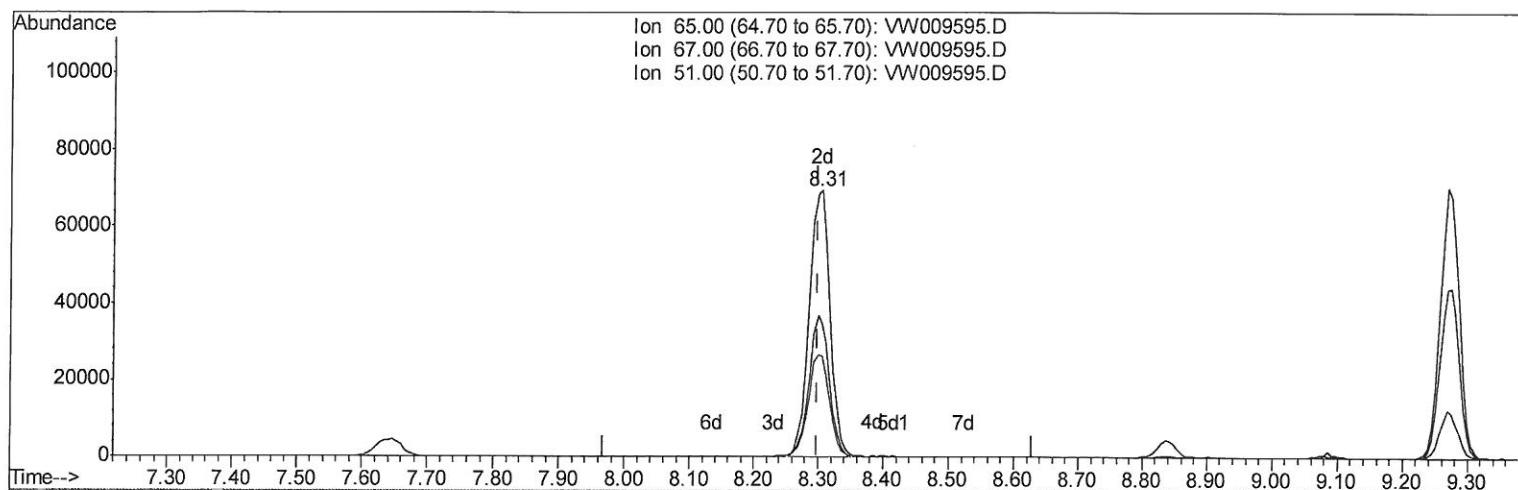
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW033019\
 Data File : VW009595.D
 Acq On : 30 Mar 2019 17:28
 Operator : SY/VA
 Sample : K2167-10
 Misc : 5.73G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampled :
 BF111

Manual Integrations
 APPROVED

MMDadoda
 4/1/2019 4:02:12 AM

Quant Time: Mar 30 21:20:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 30 21:16:55 2019
 Response via : Initial Calibration



(26) 1,2-Dichloroethane-d4 (S)

8.305min (+0.006) 26.82ug/L m

response 155429

Ion Exp% Act%

65.00 100 100

67.00 50.80 0.03#

51.00 97.70 0.05#

0.00 0.00 0.00

Handwritten: > MLE
 4/1/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW033019\
 Data File : VW009595.D
 Acq On : 30 Mar 2019 17:28
 Operator : SY/VA
 Sample : K2167-10
 Misc : 5.73G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 Client Sampled :
 BF111

Quant Time: Mar 30 22:05:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 30 21:16:55 2019
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 4/1/2019 4:02:12 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	352453	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	338199	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	153601	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	126881	30.13	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	120.52%		
7) Chloroethane-d5	2.89	69	111381	22.60	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.40%		
10) 1,1-Dichloroethene-d2	4.01	63	230571	25.33	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	101.32%		
20) 2-Butanone-d5	7.07	46	94950	54.51	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	109.02%		
24) Chloroform-d	7.64	84	246136	25.59	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	102.36%		
26) 1,2-Dichloroethane-d4	8.31	65	155429m	26.82	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	107.28%		
29) Benzene-d6	8.27	84	462663	24.81	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	99.24%		
33) 1,2-Dichloropropane-d6	9.27	67	141840	25.32	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	101.28%		
37) Toluene-d8	10.32	98	408567	23.69	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	94.76%		
38) trans-1,3-Dichloropropene-	10.58	79	61122	21.73	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	86.92%		
39) 2-Hexanone-d5	10.93	63	70756	52.15	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	104.30%		
48) 1,1,2,2-Tetrachloroethane-	12.69	84	141400	25.63	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	102.52%		
61) 1,2-Dichlorobenzene-d4	13.85	152	150140	25.49	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	101.96%		

7MO
 4/1/19

Target Compounds

					Qvalue
12) 1,1-Dichloroethene	4.03	96	81251	18.721 ug/L	85
19) 1,1-Dichloroethane	6.20	63	20904	2.512 ug/L	97
22) cis-1,2-Dichloroethene	7.16	96	64459	13.040 ug/L	96
35) Trichloroethene	9.09	95	118631	24.051 ug/L	97
47) Tetrachloroethene	10.86	164	5531664	1327.266 ug/L	94

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