Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071519\

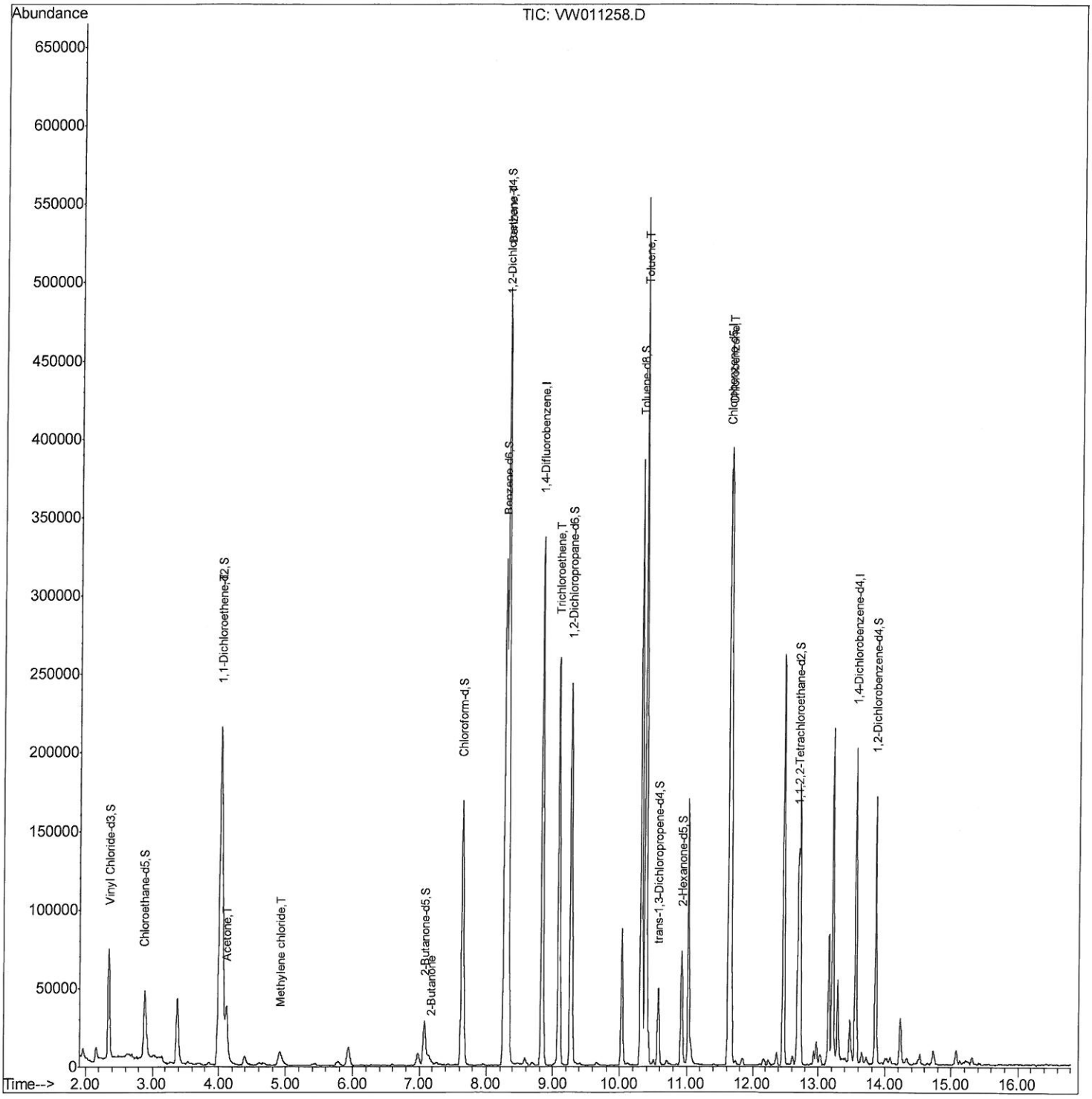
Quantitation Report (QT Reviewed)

Data File : VW011258.D
Acq On : 15 Jul 2019 13:54
Operator : SY/VA
Sample : K3760-16MSD
Misc : 5.57G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 16 05:38:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 16 05:02:41 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
DB8Z4MSD

Manual Integrations APPROVED
MMDadoda
7/18/2019 7:53:35 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071519\

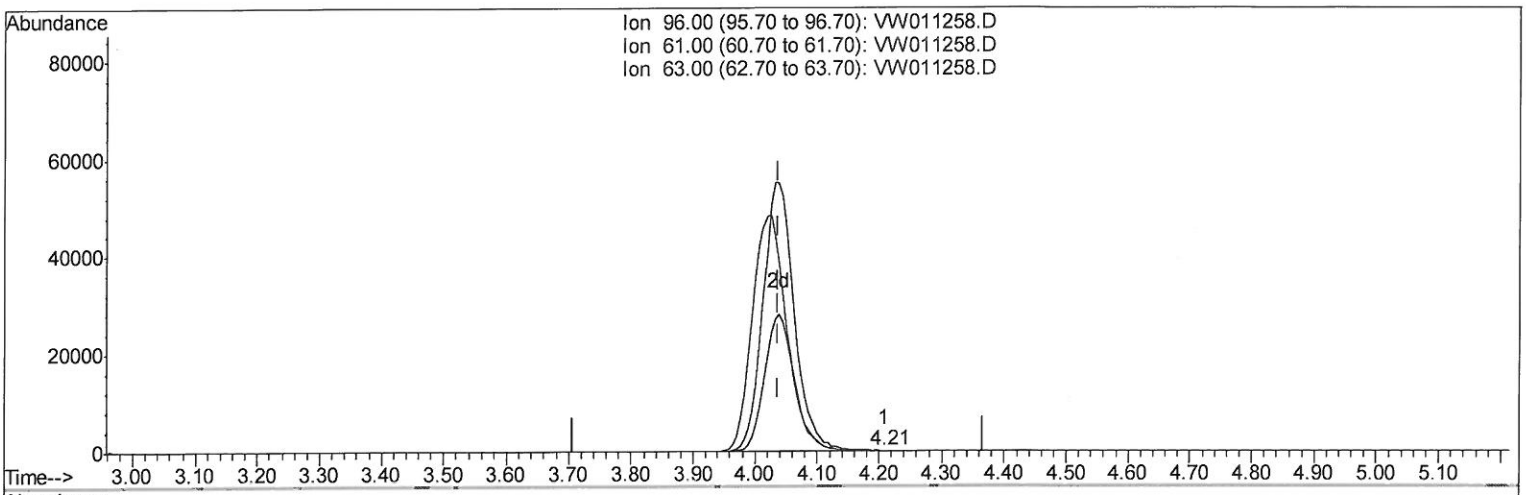
Quantitation Report (Qedit)

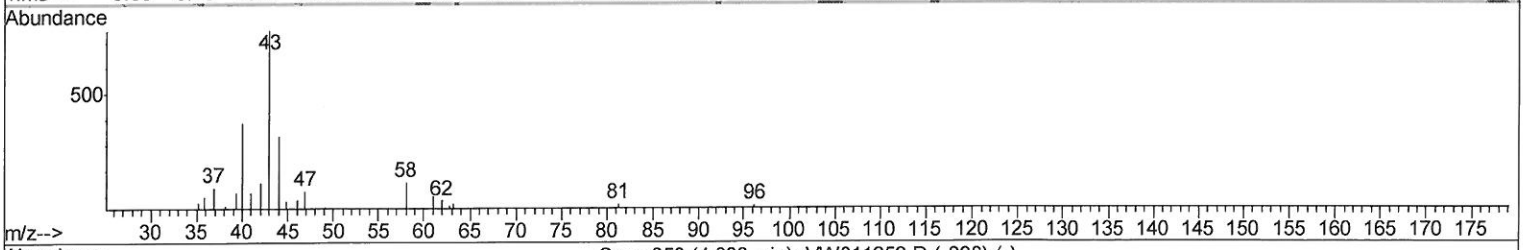
Data File : VW011258.D
Acq On : 15 Jul 2019 13:54
Operator : SY/VA
Sample : K3760-16MSD
Misc : 5.57G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

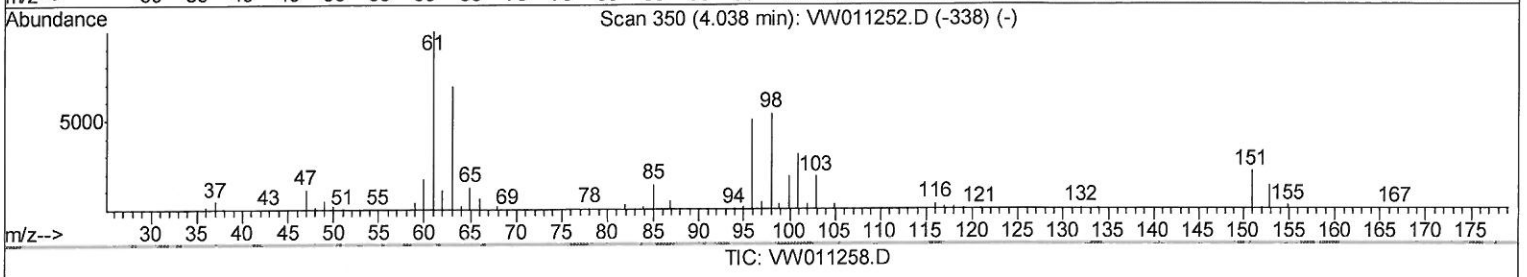
Quant Time: Jul 16 05:06:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 16 05:02:41 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
DB8Z4MSD

Manual Integrations APPROVED
MMDadoda
7/18/2019 7:53:35 AM







TIC: VW011258.D

(12) 1,1-Dichloroethene (T)

4.208min (+0.171) 0.02ug/L

response 67

Ion	Exp%	Act%
96.00	100	100
61.00	203.10	160.32
63.00	198.40	207.94
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071519\

Quantitation Report (Qedit)

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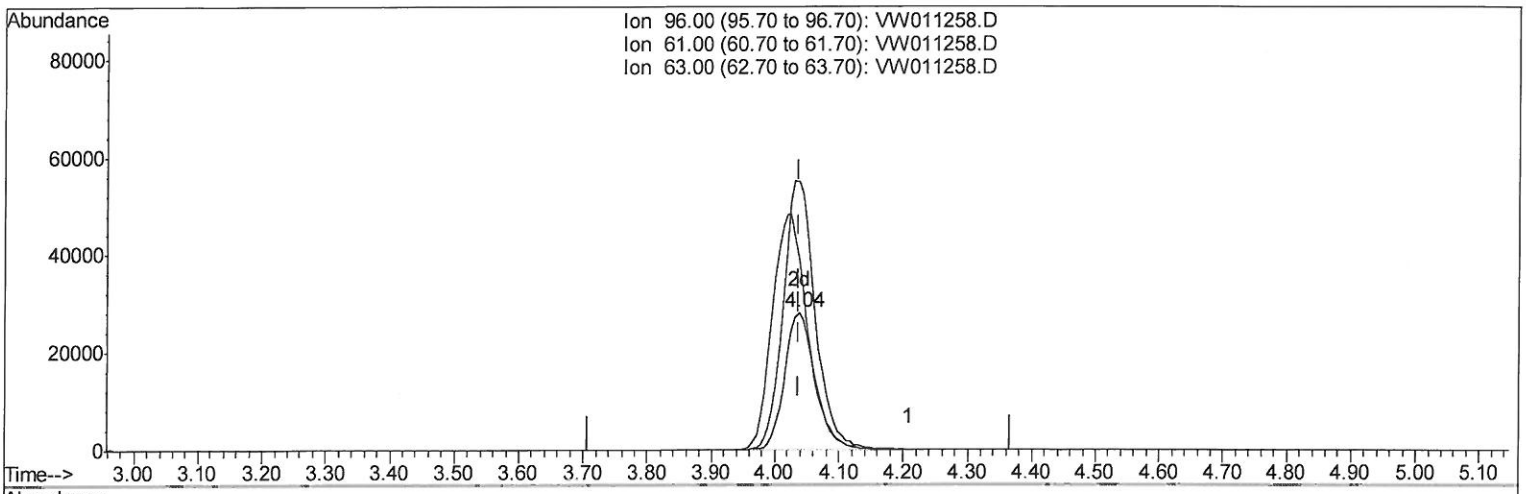
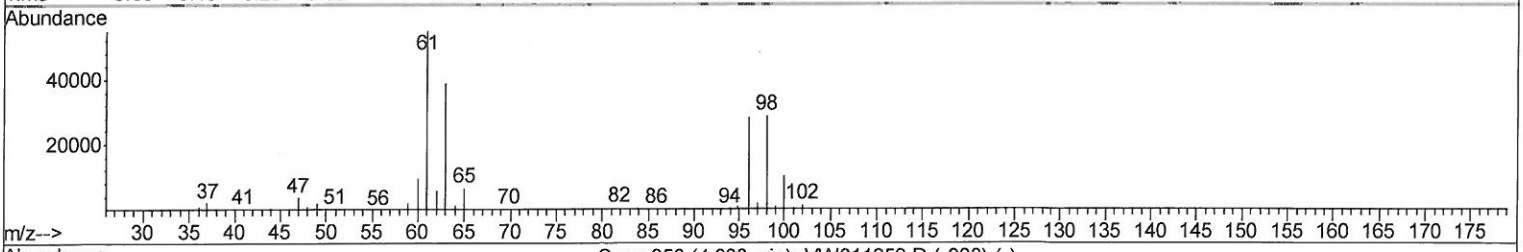
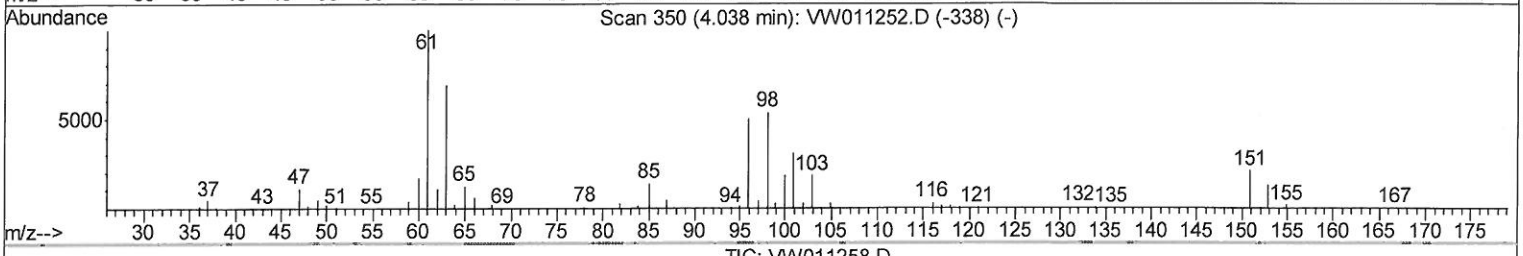
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 16 05:02:41 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
DB8Z4MSD

Manual Integrations APPROVED
MMDadoda
7/18/2019 7:53:35 AM







TIC: VW011258.D

(12) 1,1-Dichloroethene (T)

4.038min (+0.000) 27.62ug/L m 7071519SY

response 93887

Ion	Exp%	Act%
96.00	100	100
61.00	203.10	195.70
63.00	198.40	138.31#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071519\

Quantitation Report (QT Reviewed)

Data File : VW011258.D
Acq On : 15 Jul 2019 13:54
Operator : SY/VA
Sample : K3760-16MSD
Misc : 5.57G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 16 05:38:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 16 05:02:41 2019
Response via : Initial Calibration

Instrument : MSVOA_W
ClientSampleId : DB8Z4MSD

Manual Integrations APPROVED
MMDadoda
7/18/2019 7:53:35 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	258703	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	174308	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	48584	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.34	65	74281	18.80	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	75.20%		
7) Chloroethane-d5	2.89	69	58988	21.28	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	85.12%		
10) 1,1-Dichloroethene-d2	4.03	63	184453	22.05	ug/L	0.01
Spiked Amount 25.000	Range 45 - 110		Recovery =	88.20%		
20) 2-Butanone-d5	7.07	46	52408	33.68	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	67.36%		
24) Chloroform-d	7.65	84	161361	22.76	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	91.04%		
26) 1,2-Dichloroethane-d4	8.31	65	89122	20.41	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	81.64%		
29) Benzene-d6	8.27	84	317494	29.57	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	118.28%		
33) 1,2-Dichloropropane-d6	9.27	67	109286	31.25	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	125.00%#		
37) Toluene-d8	10.32	98	246696	25.78	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	103.12%		
38) trans-1,3-Dichloropropene-	10.58	79	25809	17.36	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	69.44%		
39) 2-Hexanone-d5	10.93	63	24083	30.03	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	60.06%		
48) 1,1,2,2-Tetrachloroethane-	12.69	84	60539	20.93	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	83.72%		
61) 1,2-Dichlorobenzene-d4	13.85	152	42293	22.68	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	90.72%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.04	96	93887m	27.616	ug/L	
13) Acetone	4.12	43	57924	38.110	ug/L	99
16) Methylene chloride	4.92	84	7104	1.869	ug/L	93
21) 2-Butanone	7.18	43	3262	1.663	ug/L	86
34) Benzene	8.32	78	412626	37.876	ug/L	100
35) Trichloroethene	9.09	95	91022	33.110	ug/L	99
44) Toluene	10.38	91	379238	33.633	ug/L	100
52) Chlorobenzene	11.66	112	179068	25.994	ug/L	99

07/16/19 SY

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