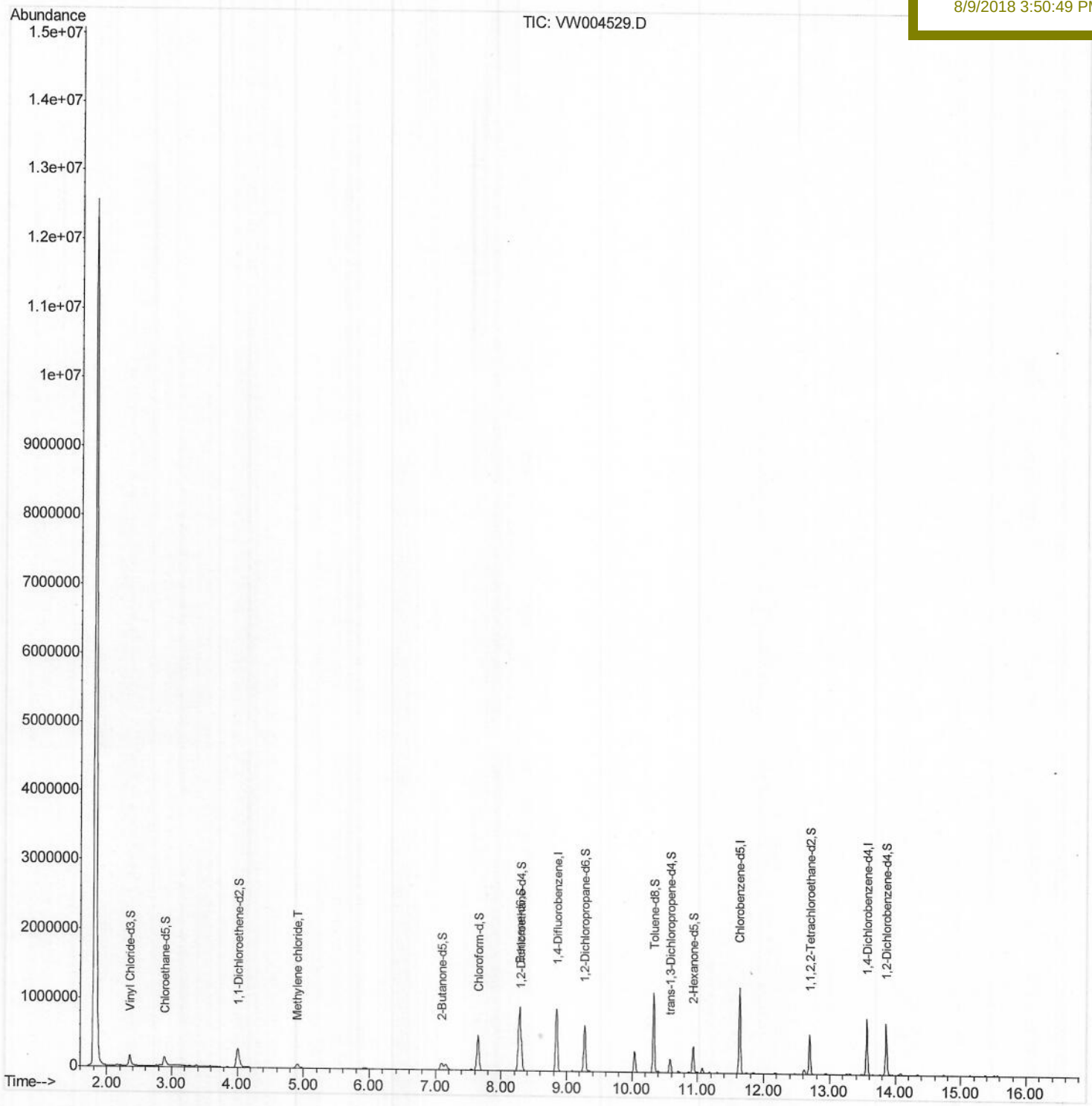
Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080918\
Data File : VW004529.D
Acq On : 08 Aug 2018 12:46
Operator : SY/AP
Sample : J4261-16RE
Misc : 5.25G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 09 02:23:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 09 02:02:27 2018
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
E5FA1RE

Manual Integrations APPROVED
MMDadoda
8/9/2018 3:50:49 PM



Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080918\
Data File : VW004529.D
Acq On : 08 Aug 2018 12:46
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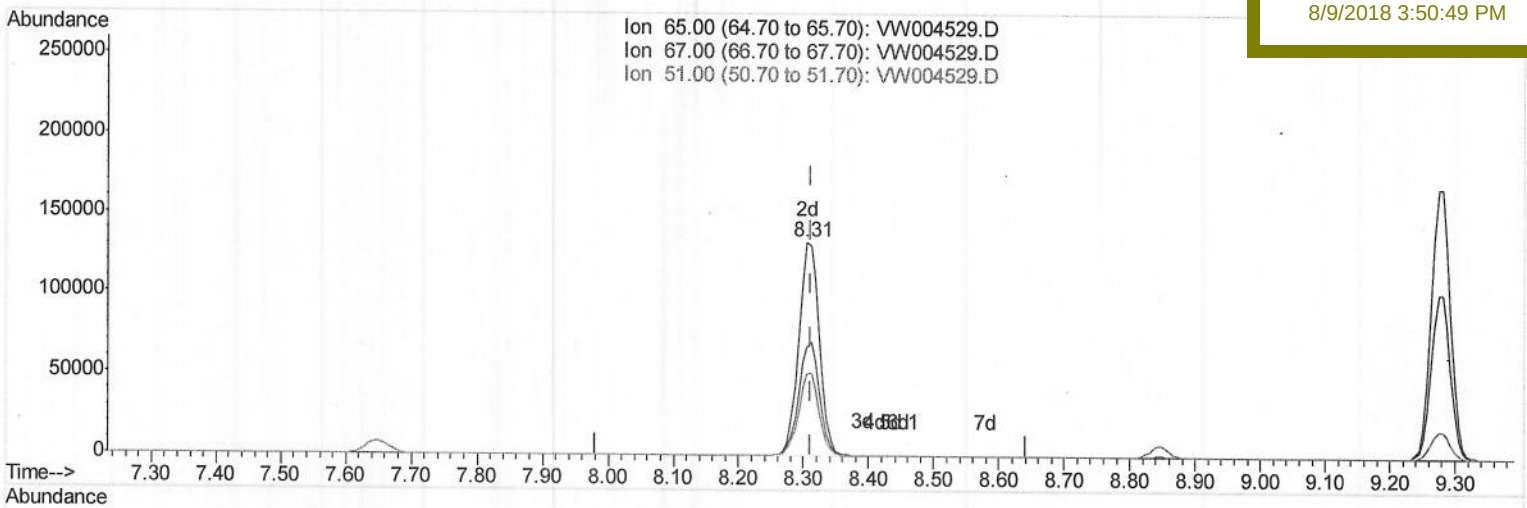
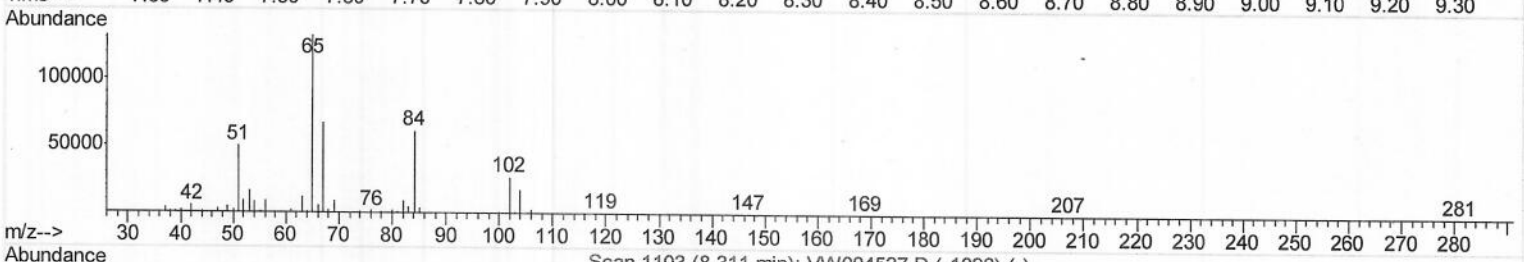
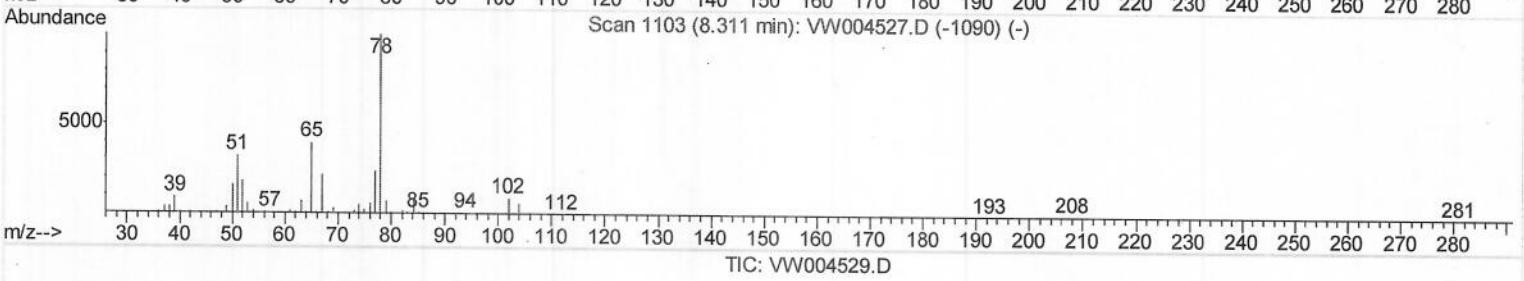
MMDadoda
8/9/2018 3:50:49 PM







TIC: VW004529.D

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

8.305min (-0.006) 24.52ug/L m) MD 08/18/18

response 288766

Ion	Exp%	Act%
65.00	100	100
67.00	55.10	0.02#
51.00	107.50	0.02#
0.00	0.00	0.00

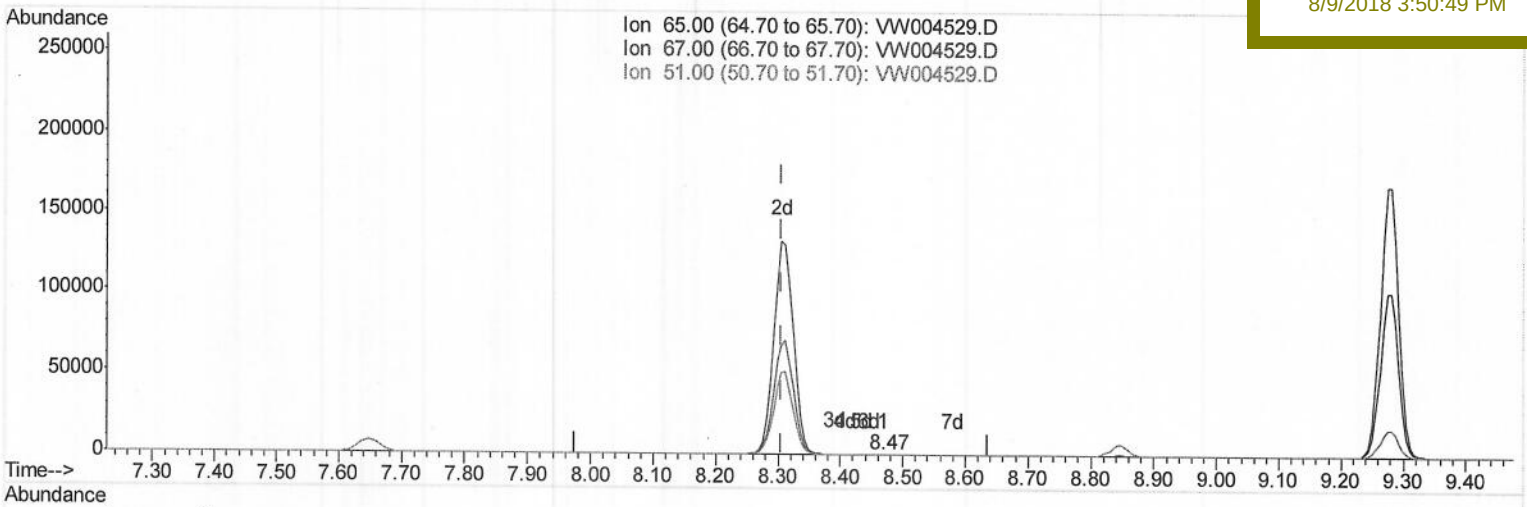
Quantitation Report (Qedit)

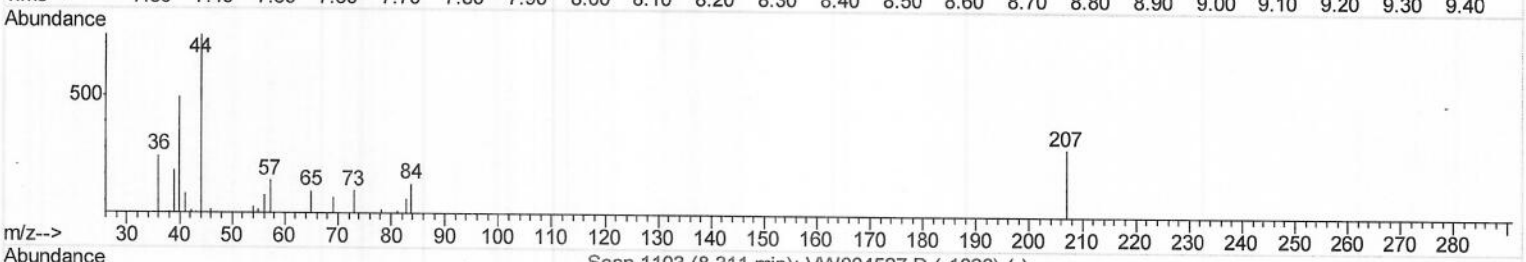
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080918\
Data File : VW004529.D
Acq On : 08 Aug 2018 12:46
Operator : SY/AP
Sample : J4261-16RE
Misc : 5.25G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

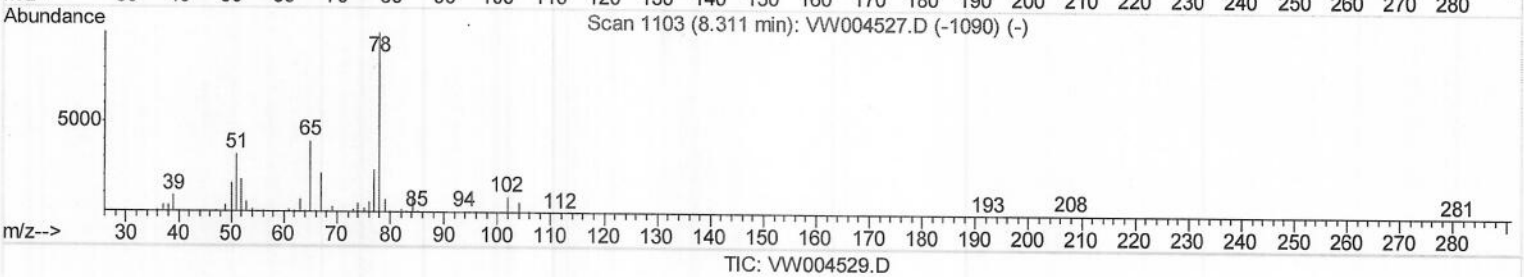
Quant Time: Aug 18 00:55:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 14 01:20:10 2018
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
E5FA1RE

Manual Integrations APPROVED
MMDadoda
8/9/2018 3:50:49 PM







Scan 1103 (8.311 min): VW004527.D (-1090) (-)

TIC: VW004529.D

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

8.470min (+0.164) 0.01ug/L

response 78

Ion	Exp%	Act%
65.00	100	100
67.00	55.10	62.82
51.00	107.50	91.03
0.00	0.00	0.00

Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080918\
Data File : VW004529.D
Acq On : 08 Aug 2018 12:46
Operator : SY/AP
Sample : J4261-16RE
Misc : 5.25G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 09 02:23:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 09 02:02:27 2018
Response via : Initial Calibration

Instrument : MSVOA_W
ClientSampleId : E5FA1RE

Manual Integrations APPROVED
MMDadoda
8/9/2018 3:50:49 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	780103	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	699054	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	211352	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	211927	21.84	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.36%			
7) Chloroethane-d5	2.89	69	192611	23.60	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 94.40%			
10) 1,1-Dichloroethene-d2	4.01	63	326102	16.55	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 66.20%			
20) 2-Butanone-d5	7.09	46	169105	39.53	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 79.06%			
24) Chloroform-d	7.65	84	533214	25.25	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 101.00%			
26) 1,2-Dichloroethane-d4	8.31	65	288766m)	24.52	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.08%			
29) Benzene-d6	8.27	84	966550	25.99	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 103.96%			
33) 1,2-Dichloropropane-d6	9.27	67	339125	27.90	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 111.60%			
37) Toluene-d8	10.33	98	771928	23.55	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.20%			
38) trans-1,3-Dichloropropene-	10.58	79	108254	21.66	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 86.64%			
39) 2-Hexanone-d5	10.93	63	116161	39.26	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 78.52%			
48) 1,1,2,2-Tetrachloroethane-	12.70	84	295348	22.41	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 89.64%			
61) 1,2-Dichlorobenzene-d4	13.86	152	205617	25.90	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 103.60%			
Target Compounds						Qvalue
16) Methylene chloride	4.91	84	50499	3.259	ug/L	96

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

JMD 08/18/18