Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052919\

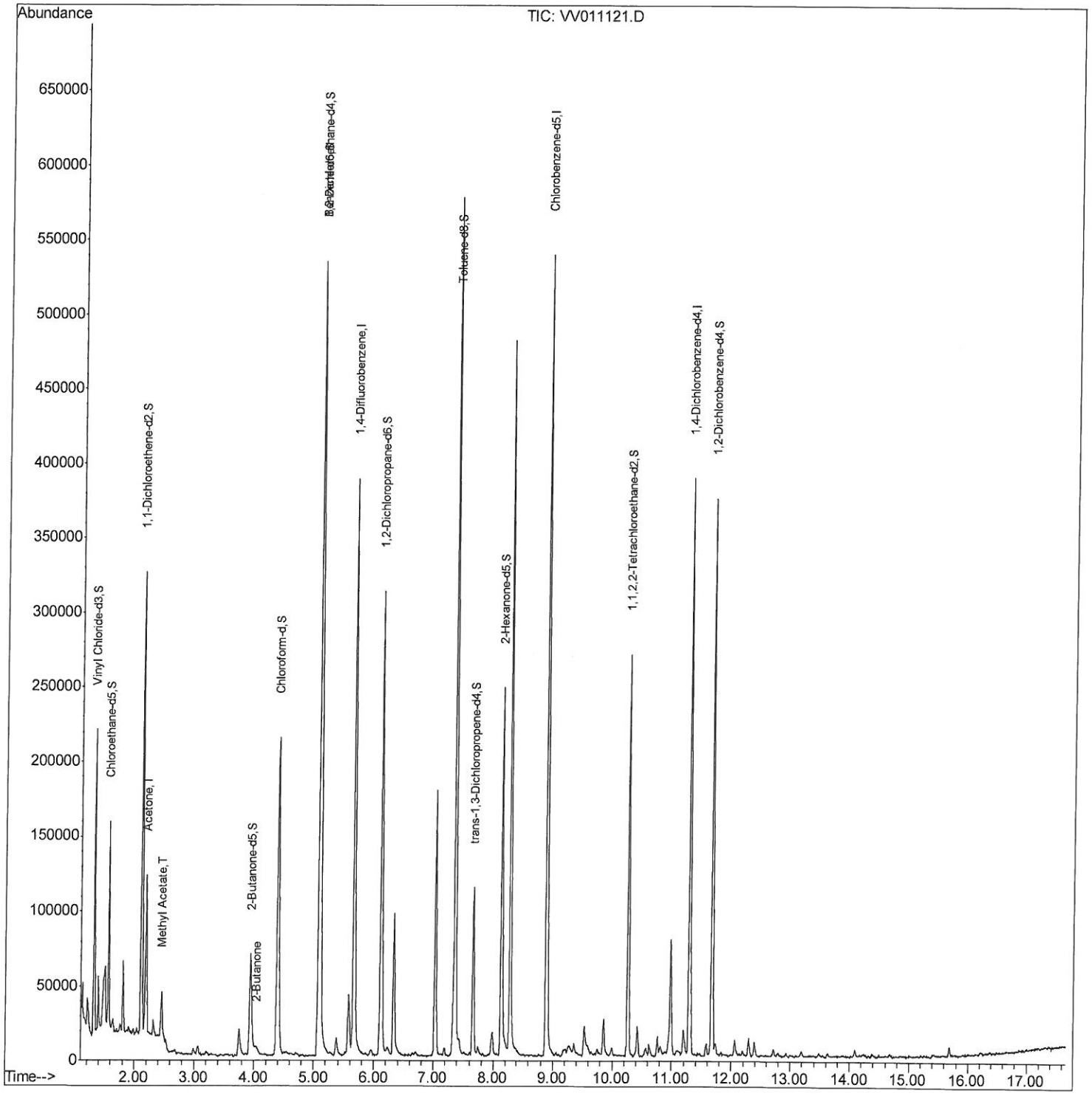
Quantitation Report (QT Reviewed)

Data File : VV011121.D
Acq On : 29 May 2019 23:45
Operator : SY/MD
Sample : K3017-11
Misc : 5.68G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 30 05:34:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis
QLast Update : Thu May 30 04:49:33 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
A51E4

Manual Integrations APPROVED
MMDadoda
6/1/2019 4:43:59 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052919\

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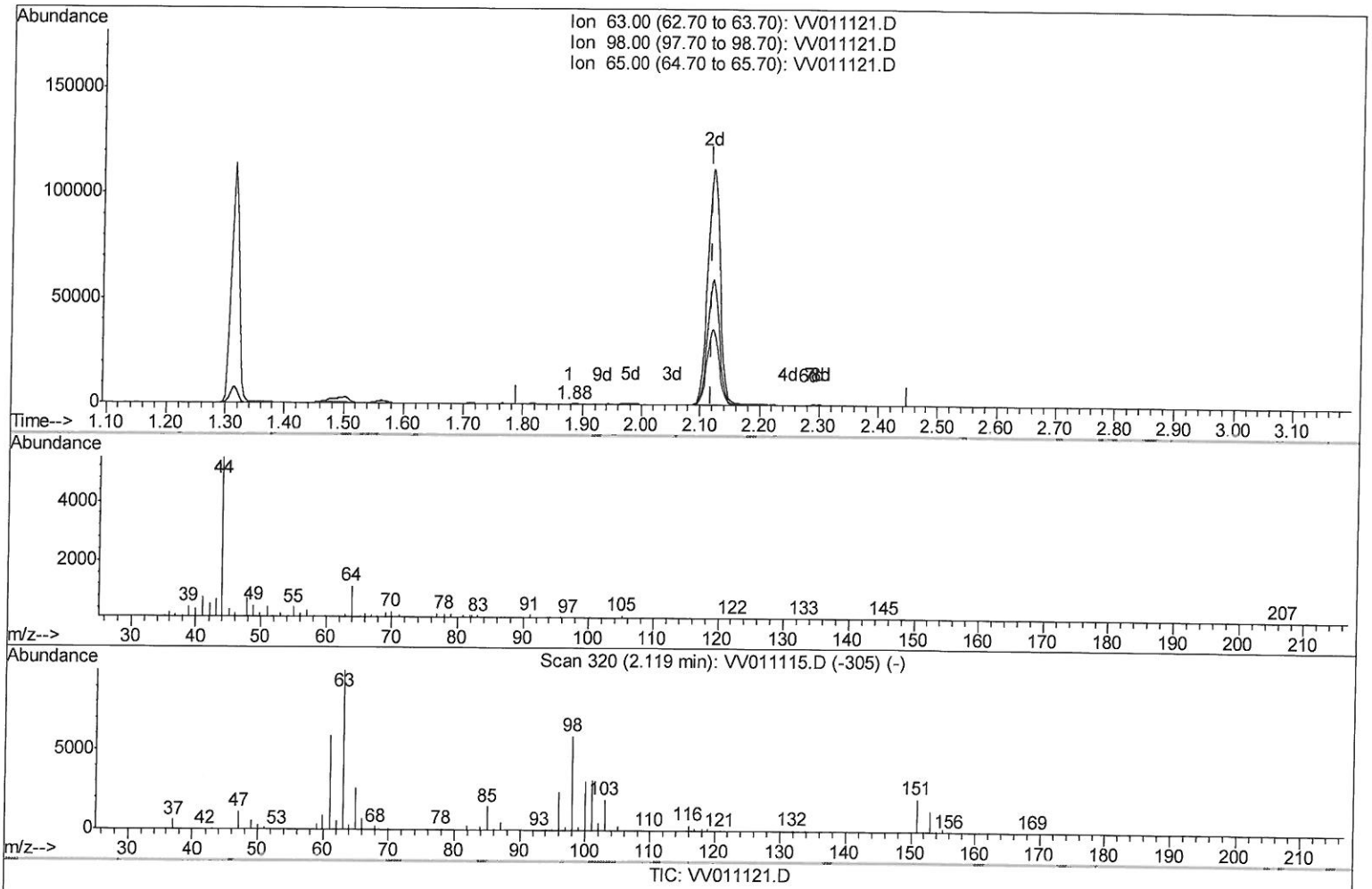
6/1/2019 4:43:59 AM



TIC: VV011121.D

(10) 1,1-Dichloroethene-d2 (S)

1.878min (-0.241) 0.02ug/L

response 126

Ion	Exp%	Act%
63.00	100	100
98.00	64.10	82.54
65.00	23.90	28.57
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052919\

Quantitation Report (Qedit)

Data File : VV011121.D
Acq On : 29 May 2019 23:45
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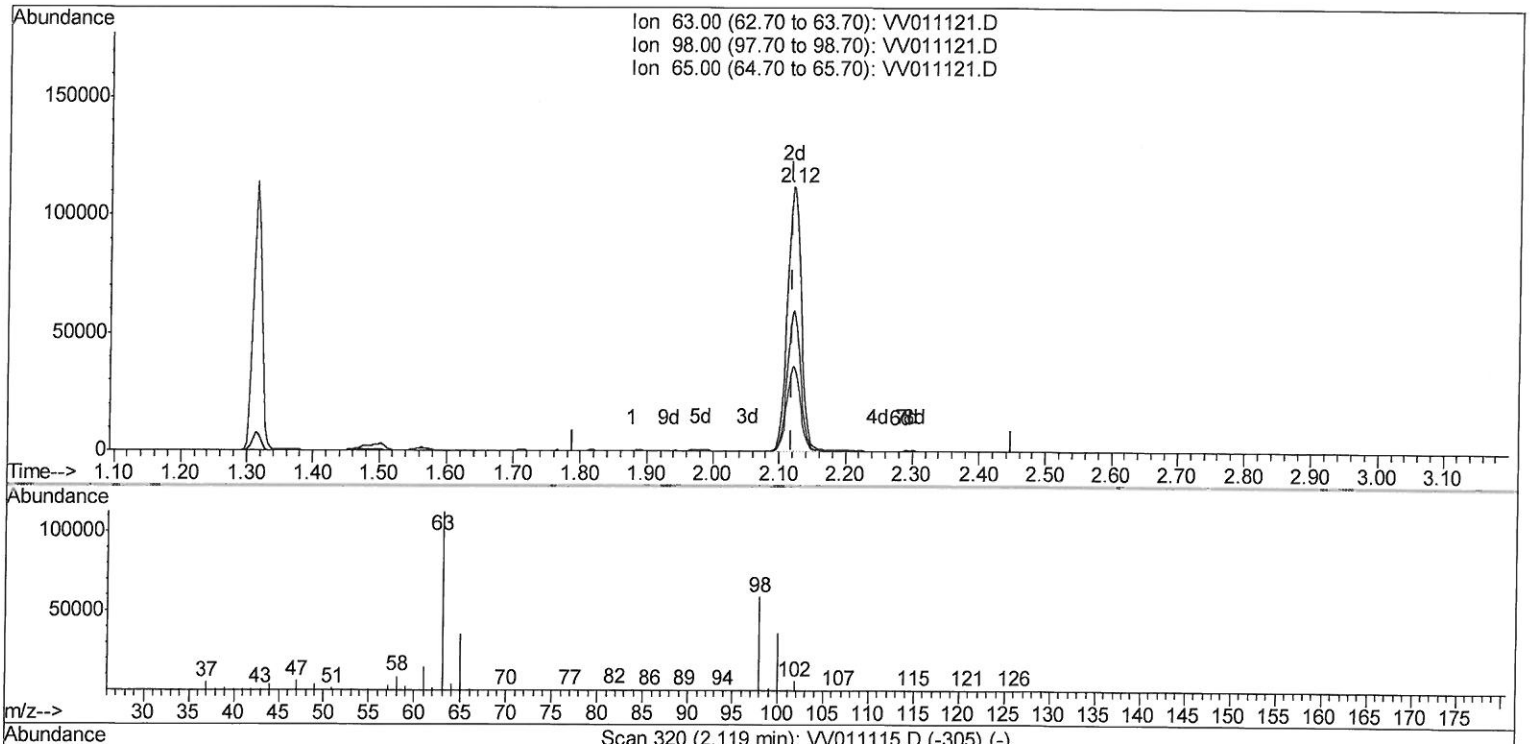
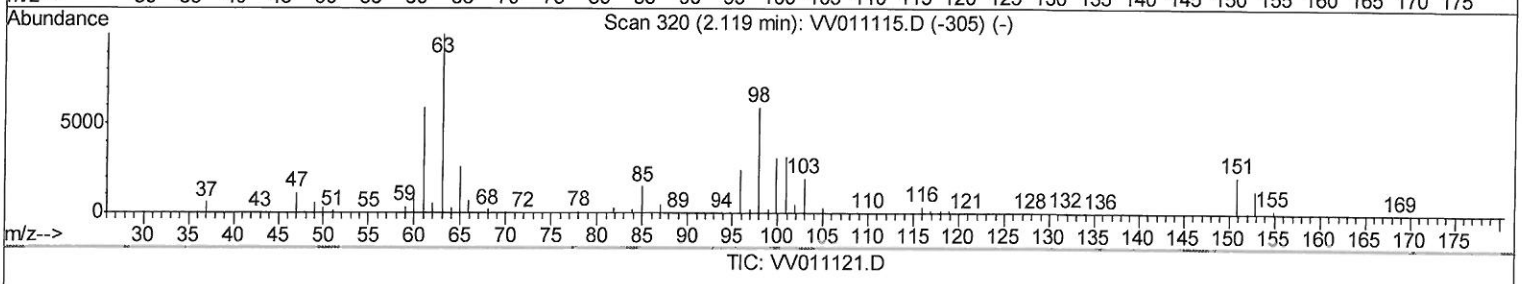
QLast Update : Thu May 30 04:49:33 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
A51E4

Manual Integrations APPROVED
MMDadoda
6/1/2019 4:43:59 AM





TIC: VV011121.D

(10) 1,1-Dichloroethene-d2 (S)

2.119min (0.000) 19.31ug/L m 5/31/19 SY

response 160058

Ion	Exp%	Act%
63.00	100	100
98.00	64.10	0.06#
65.00	23.90	0.02#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052919\

Quantitation Report (QT Reviewed)

Data File : VV011121.D
Acq On : 29 May 2019 23:45
Operator : SY/MD
Sample : K3017-11
Misc : 5.68G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 30 05:34:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis
QLast Update : Thu May 30 04:49:33 2019
Response via : Initial Calibration

Instrument : MSVOA_V
ClientSampleId : A51E4

Manual Integrations APPROVED
MMDadoda
6/1/2019 4:43:59 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	325025	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	275835	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	94301	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	102648	23.04	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.16%			
7) Chloroethane-d5	1.56	69	81675	25.68	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.72%			
10) 1,1-Dichloroethene-d2	2.12	63	160058m	19.31	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 77.24%			
20) 2-Butanone-d5	3.94	46	109122	71.05	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 142.10%#			
24) Chloroform-d	4.40	84	209120	26.53	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 106.12%			
26) 1,2-Dichloroethane-d4	5.08	65	139697	27.72	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 110.88%			
29) Benzene-d6	5.09	84	431035	26.69	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 106.76%			
33) 1,2-Dichloropropane-d6	6.12	67	143408	27.91	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 111.64%			
37) Toluene-d8	7.36	98	370632	24.90	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.60%			
38) trans-1,3-Dichloropropene-	7.66	79	59308	24.77	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 99.08%			
39) 2-Hexanone-d5	8.13	63	83523	74.61	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 149.22%#			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	126427	28.61	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 114.44%			
61) 1,2-Dichlorobenzene-d4	11.67	152	87273	23.40	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 93.60%			
Target Compounds						Qvalue
13) Acetone	2.19	43	100536	57.782	ug/L	100
15) Methyl Acetate	2.46	43	31176	12.414	ug/L #	100
21) 2-Butanone	4.04	43	7862	3.669	ug/L	91

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

05/31/19 SY