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

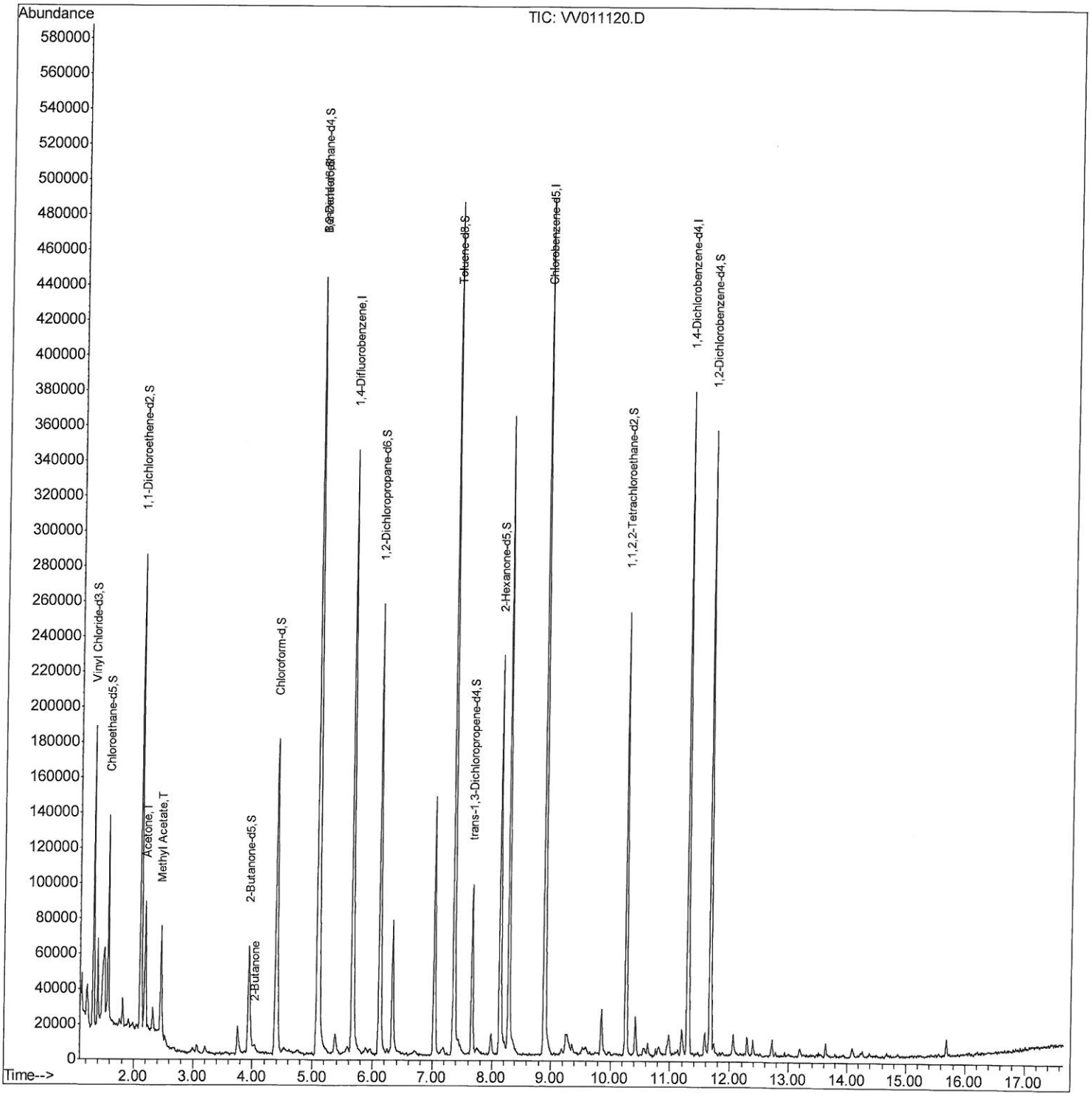
Quantitation Report (QT Reviewed)

Data File : VV011120.D
Acq On : 29 May 2019 23:17
Operator : SY/MD
Sample : K3017-10
Misc : 4.22G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 30 05:25:36 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 :
A51E3

Manual Integrations APPROVED
MMDadoda
6/1/2019 4:43:57 AM



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

Quantitation Report (Qedit)

Data File : VV011120.D
Acq On : 29 May 2019 23:17
Operator : SY/MD
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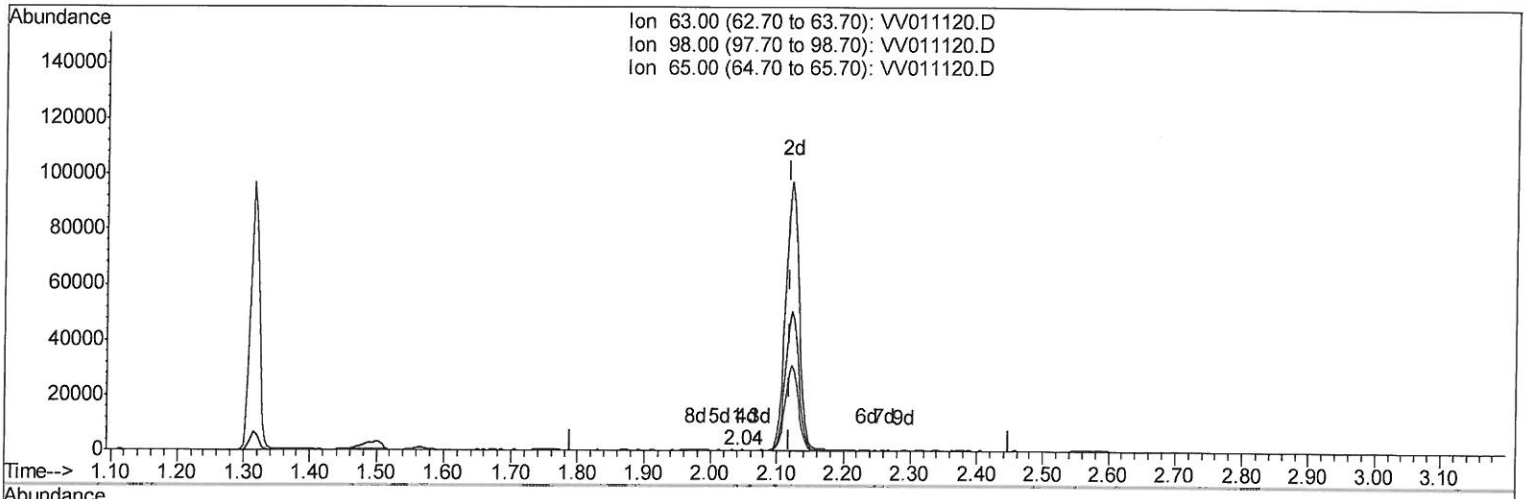
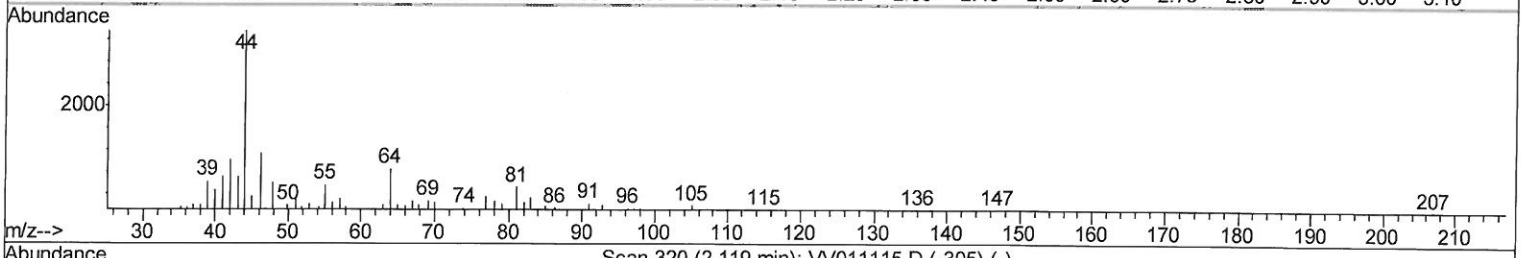
Misc : 4.22G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

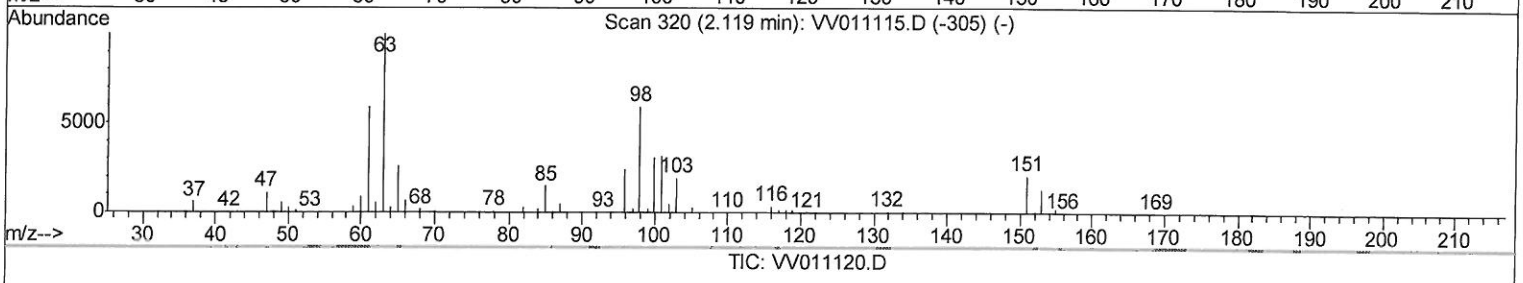
Quant Time: May 30 04:52:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis
QLast Update : Thu May 30 04:49:33 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
A51E3

Manual Integrations APPROVED
MMDadoda
6/1/2019 4:43:57 AM







TIC: VV011120.D

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

2.042min (-0.077) 0.02ug/L

response 157

Ion	Exp%	Act%
63.00	100	100
98.00	64.10	47.13
65.00	23.90	24.20
0.00	0.00	0.00

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

Quantitation Report (Qedit)

Data File : VV011120.D
Acq On : 29 May 2019 23:17
Operator : SY/MD
Sample : K3017-10
Misc : 4.22G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis
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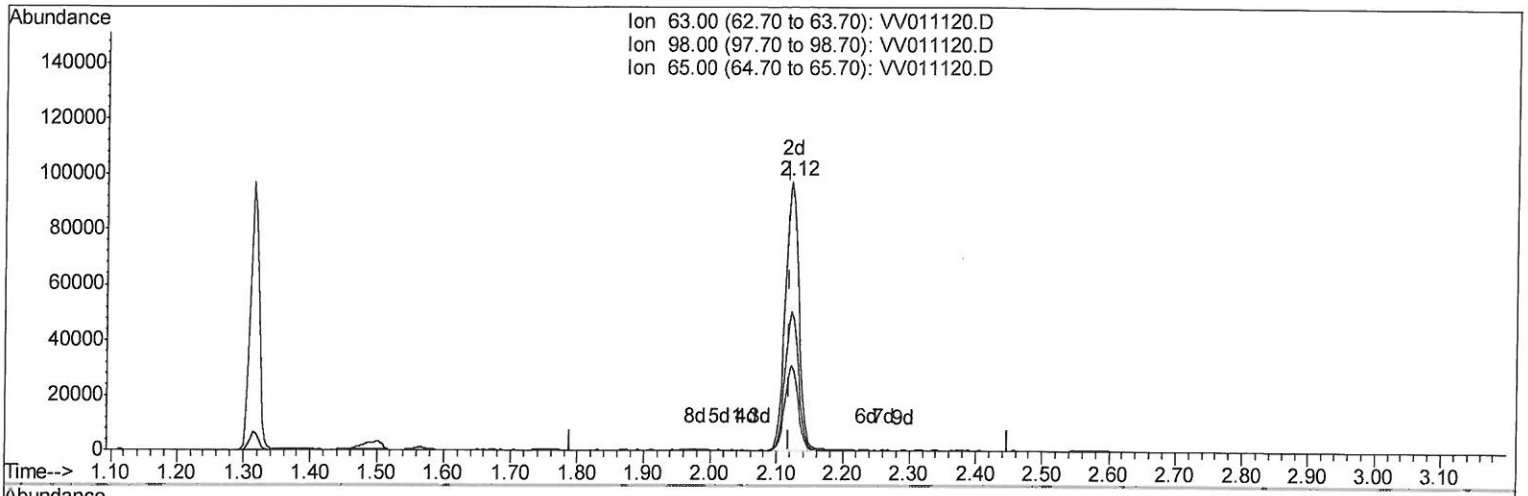
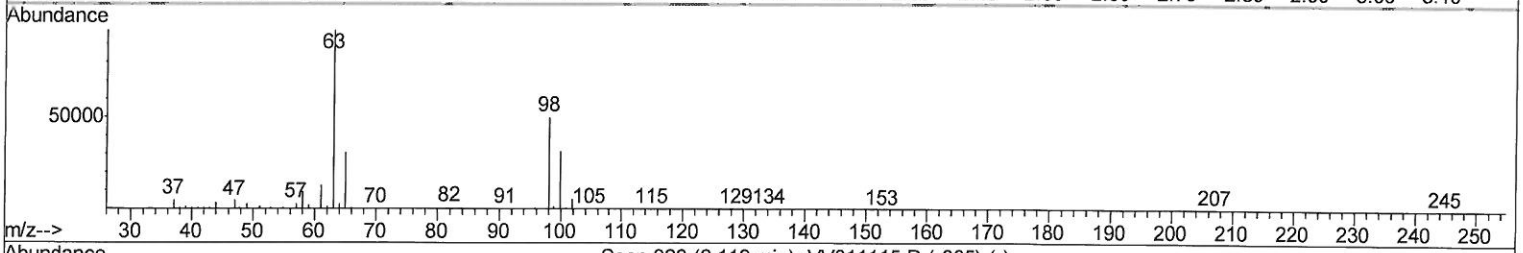
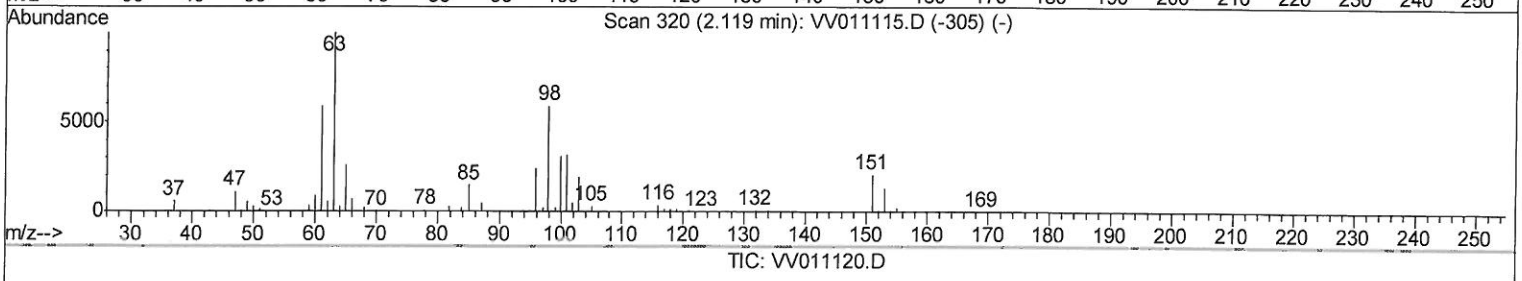
Instrument :
MSVOA_V
ClientSampleId :
A51E3

Manual Integrations APPROVED
MMDadoda
6/1/2019 4:43:57 AM







TIC: VV011120.D

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

2.122min (+0.003) 18.62ug/L m) 05/31/19 SY

response 136545

Ion	Exp%	Act%
63.00	100	100
98.00	64.10	0.05#
65.00	23.90	0.03#
0.00	0.00	0.00

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

Quantitation Report (QT Reviewed)

Data File : VV011120.D
Acq On : 29 May 2019 23:17
Operator : SY/MD
Sample : K3017-10
Misc : 4.22G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 30 05:25:36 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 : A51E3

Manual Integrations APPROVED
MMDadoda
6/1/2019 4:43:57 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	287525	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	255030	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	93638	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	87720	22.25	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.00%			
7) Chloroethane-d5	1.57	69	69863	24.83	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.32%			
10) 1,1-Dichloroethene-d2	2.12	63	136545m	18.62	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 74.48%			
20) 2-Butanone-d5	3.94	46	95772	70.49	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 140.98%#			
24) Chloroform-d	4.40	84	173581	24.89	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.56%			
26) 1,2-Dichloroethane-d4	5.08	65	118410	26.56	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.24%			
29) Benzene-d6	5.10	84	360934	24.17	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.68%			
33) 1,2-Dichloropropane-d6	6.12	67	117904	24.82	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.28%			
37) Toluene-d8	7.36	98	311138	22.60	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 90.40%			
38) trans-1,3-Dichloropropene-	7.66	79	50702	22.91	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 91.64%			
39) 2-Hexanone-d5	8.13	63	77658	75.03	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 150.06%#			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	117714	28.82	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 115.28%			
61) 1,2-Dichlorobenzene-d4	11.67	152	84696	22.87	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 91.48%			
Target Compounds						Qvalue
13) Acetone	2.19	43	66534	43.227	ug/L	98
15) Methyl Acetate	2.46	43	60967	27.443	ug/L #	100
21) 2-Butanone	4.04	43	5327	2.810	ug/L #	70

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

05/31/19 SY