

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052919\
Quantitation Report (QT Reviewed)

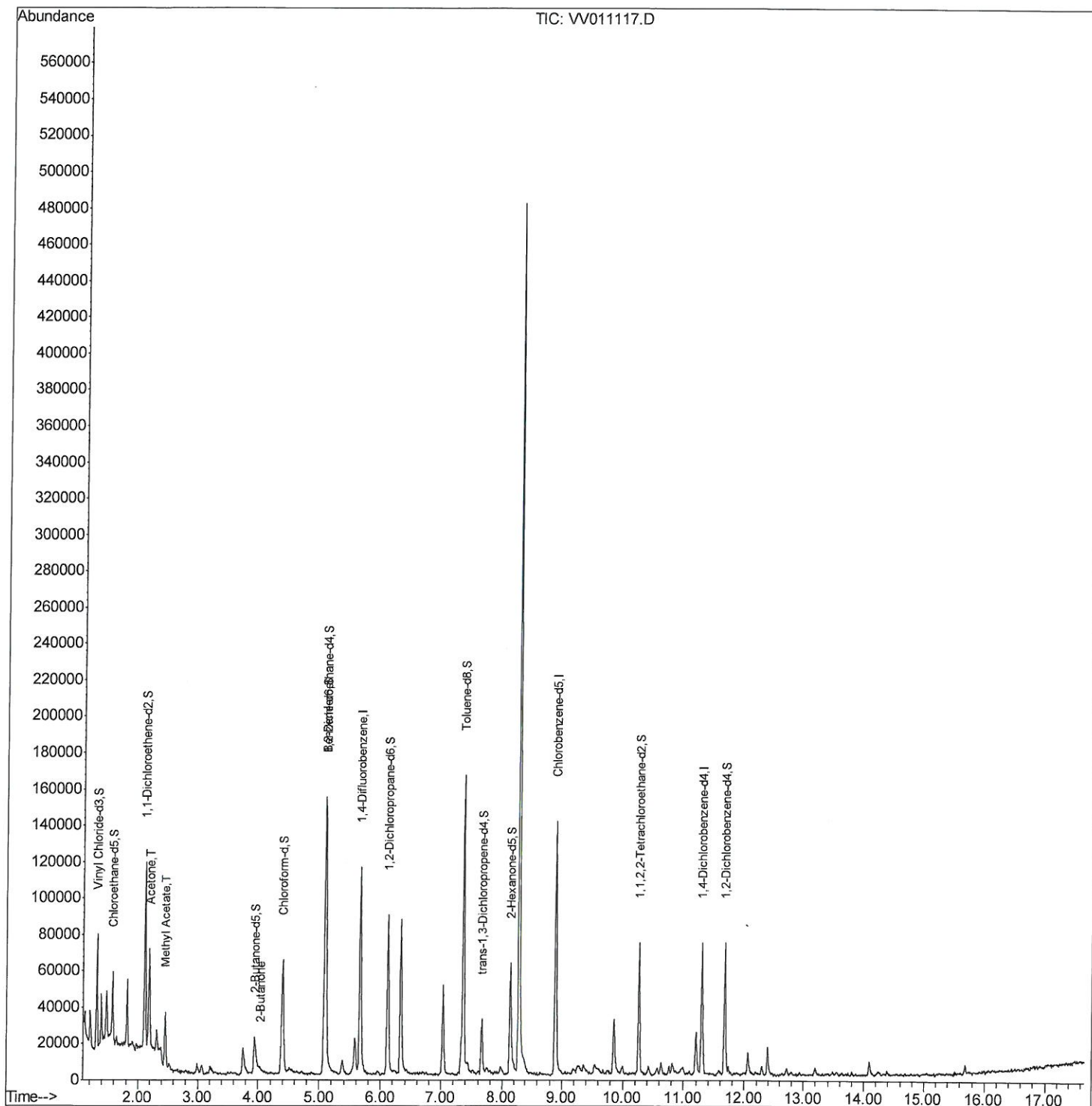
Data File : VV011117.D
Acq On : 29 May 2019 21:53
Operator : SY/MD
Sample : K3017-07
Misc : 3.71G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51E0

Manual Integrations
APPROVED

MMDadoda
6/1/2019 4:43:55 AM

Quant Time: May 30 05:12:09 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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052919\
Quantitation Report (Qedit)

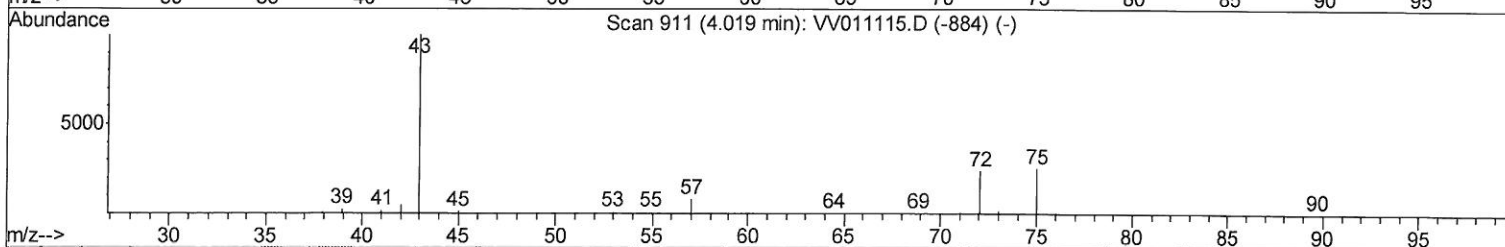
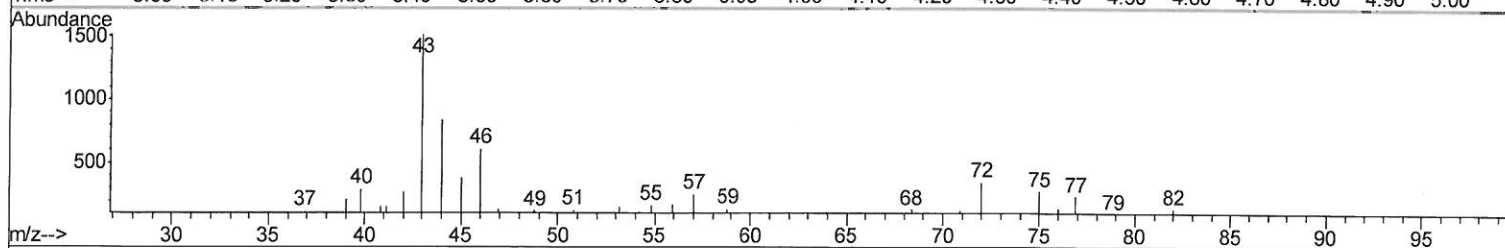
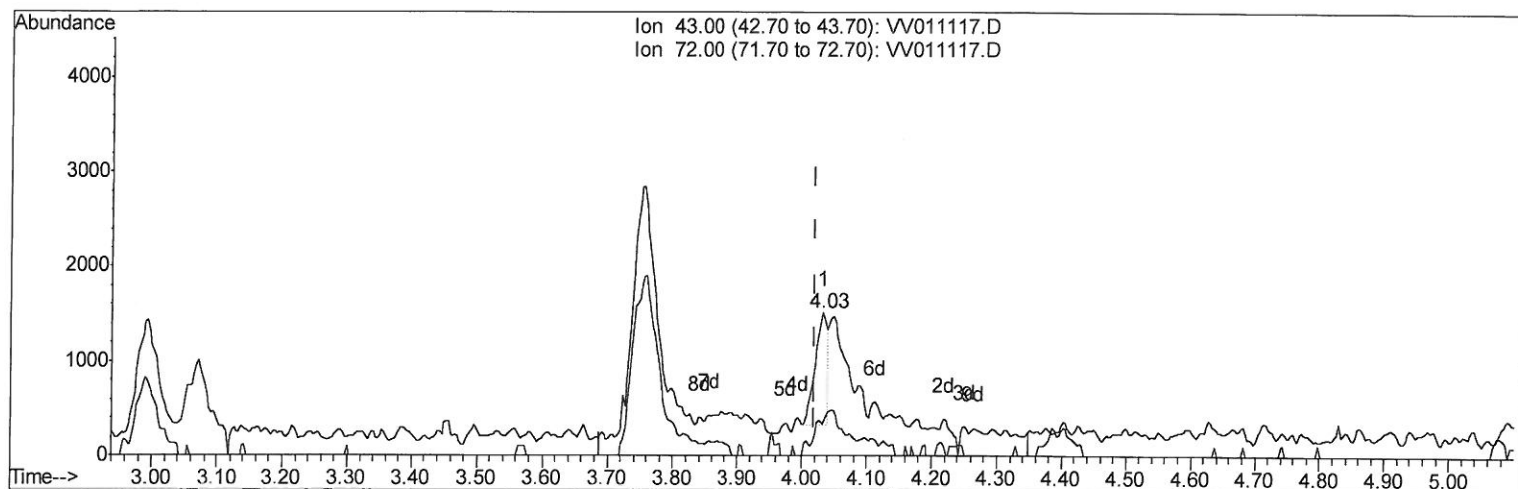
Data File : VV011117.D
Acq On : 29 May 2019 21:53
Operator : SY/MD
Sample : K3017-07
Misc : 3.71G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51E0

Manual Integrations
APPROVED

MMDadoda
6/1/2019 4:43:55 AM

Quant Time: May 30 04:52:28 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



TIC: VV011117.D

(21) 2-Butanone

4.032min (+0.013) 2.47ug/L

response 1542

Ion	Exp%	Act%
43.00	100	100
72.00	21.30	16.99
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052919\
Quantitation Report (Qedit)

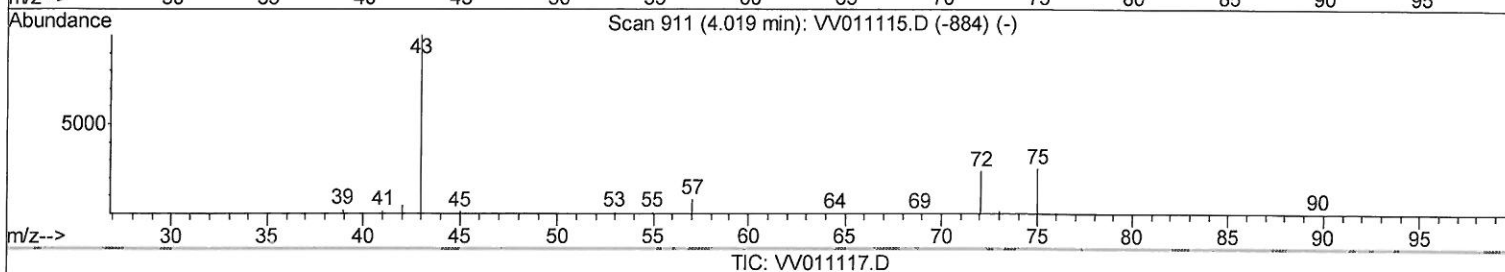
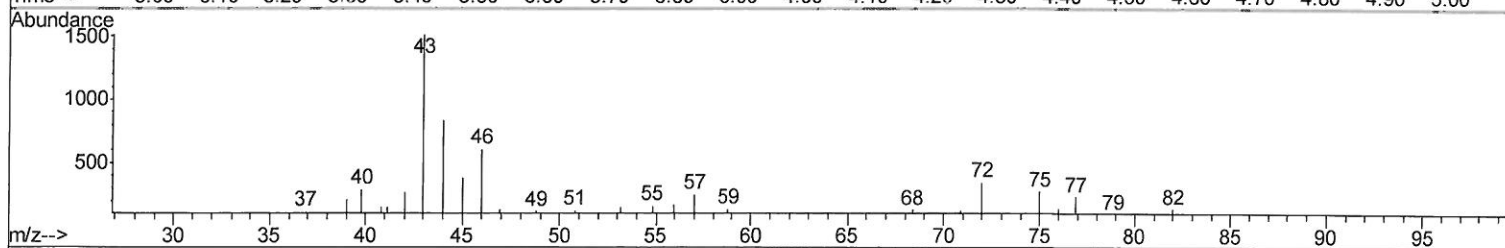
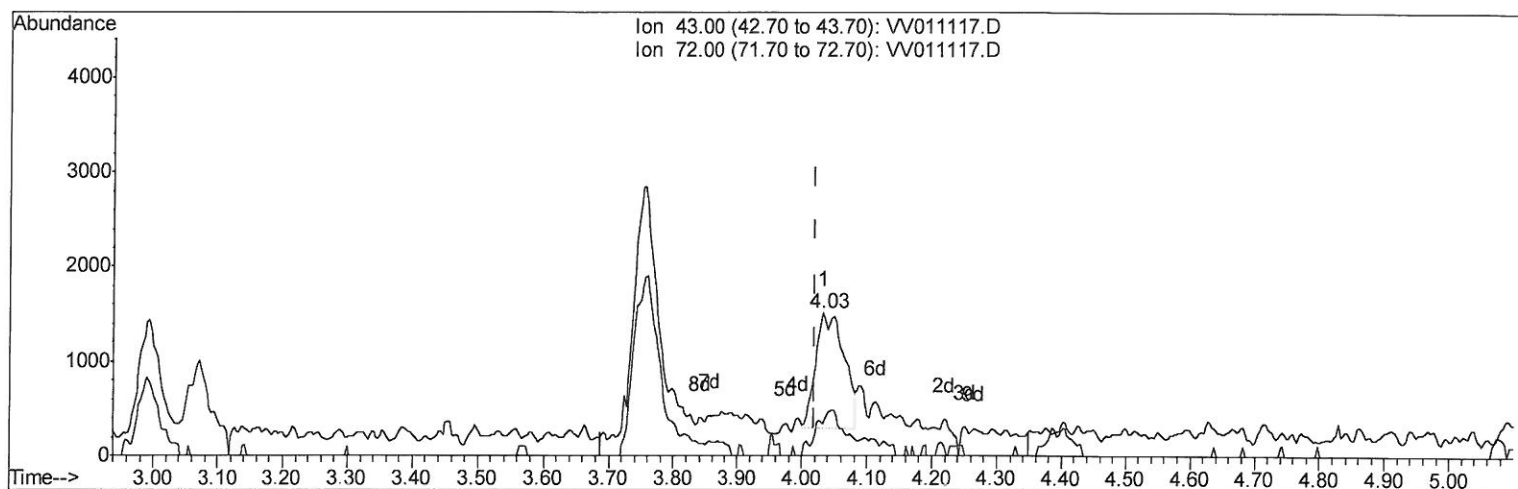
Data File : VV011117.D
Acq On : 29 May 2019 21:53
Operator : SY/MD
Sample : K3017-07
Misc : 3.71G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51E0

Manual Integrations
APPROVED

MMDadoda
6/1/2019 4:43:55 AM

Quant Time: May 30 04:52:28 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



(21) 2-Butanone

4.032min (+0.013) 5.84ug/L m

205/31/19 SY

response 3641

Ion	Exp%	Act%
43.00	100	100
72.00	21.30	7.20#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052919\
Quantitation Report (QT Reviewed)

Data File : VV011117.D
Acq On : 29 May 2019 21:53
Operator : SY/MD
Sample : K3017-07
Misc : 3.71G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51E0

Manual Integrations
APPROVED

MMDadoda
6/1/2019 4:43:55 AM

Quant Time: May 30 05:12:09 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	94551	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	72030	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	19152	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31040	23.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.80%
7) Chloroethane-d5	1.58	69	24745	26.75	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.00%
10) 1,1-Dichloroethene-d2	2.12	63	49989	20.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.92%
20) 2-Butanone-d5	3.94	46	32451	72.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	145.26%#
24) Chloroform-d	4.40	84	62080	27.07	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.28%
26) 1,2-Dichloroethane-d4	5.08	65	41162	28.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.32%
29) Benzene-d6	5.10	84	122807	29.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.48%
33) 1,2-Dichloropropane-d6	6.12	67	41529	30.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	123.80%#
37) Toluene-d8	7.36	98	105469	27.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.52%
38) trans-1,3-Dichloropropene-	7.67	79	15947	25.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.04%
39) 2-Hexanone-d5	8.13	63	22190	75.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	151.82%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	33350	28.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.64%
61) 1,2-Dichlorobenzene-d4	11.67	152	17465	23.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.24%

Target Compounds

					Qvalue
13) Acetone	2.19	43	51529	101.807	ug/L 99
15) Methyl Acetate	2.46	43	33131	45.350	ug/L # 100
21) 2-Butanone	4.03	43	3641m)	5.841	ug/L 05/31/19 SY

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