

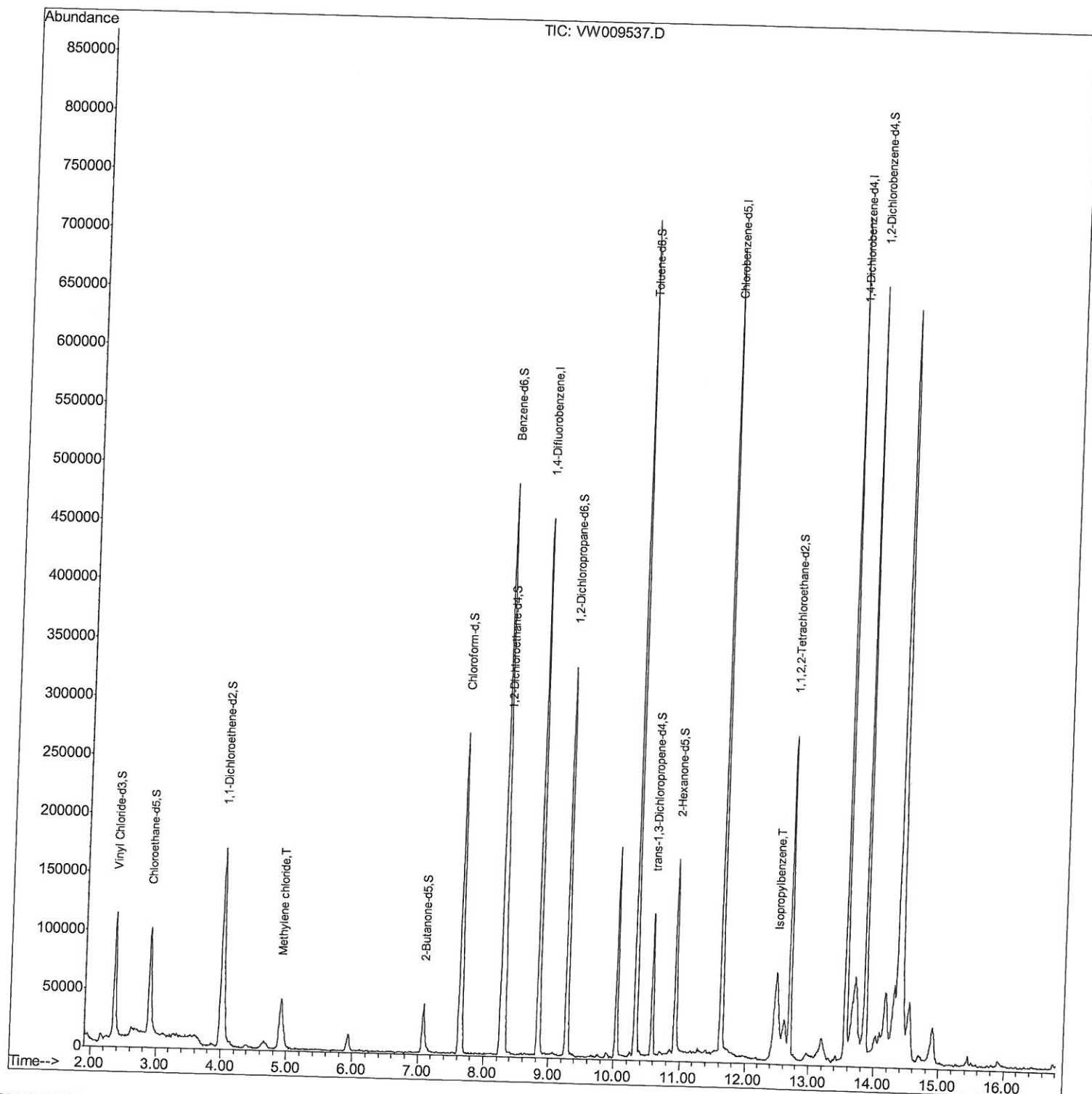
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032819\
Quantitation Report (QT Reviewed)
Data File : VW009537.D
Acq On : 28 Mar 2019 14:46
Operator : SY/VA
Sample : K2084-05
Misc : 3.70G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
Client Sampled :
BF7W7

Quant Time: Mar 29 07:00:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 05:35:33 2019
Response via : Initial Calibration

Manual Integrations
APPROVED

MMDadoda
4/1/2019 4:06:07 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032819\
Quantitation Report (Qedit)

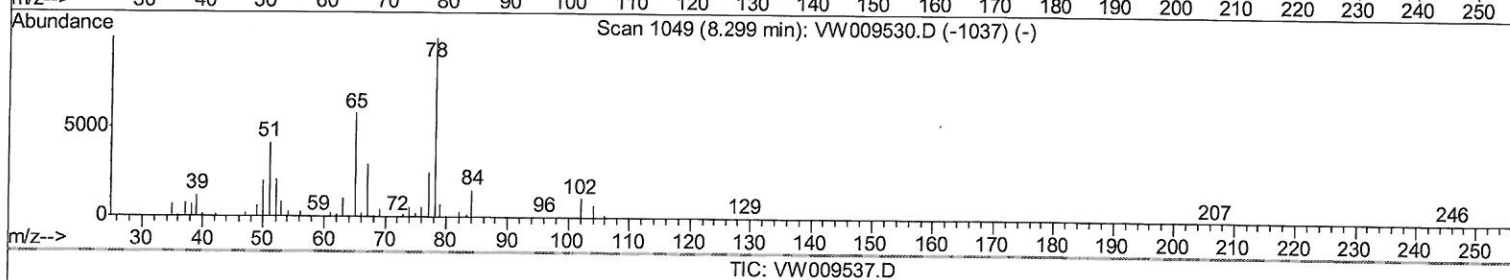
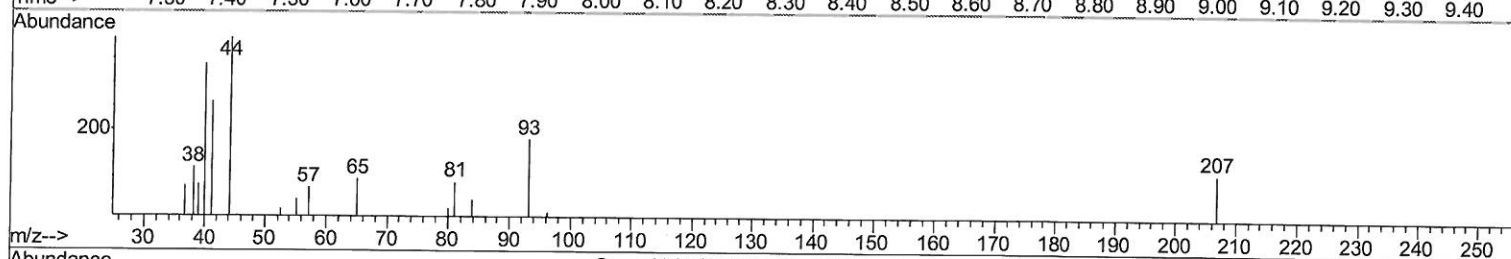
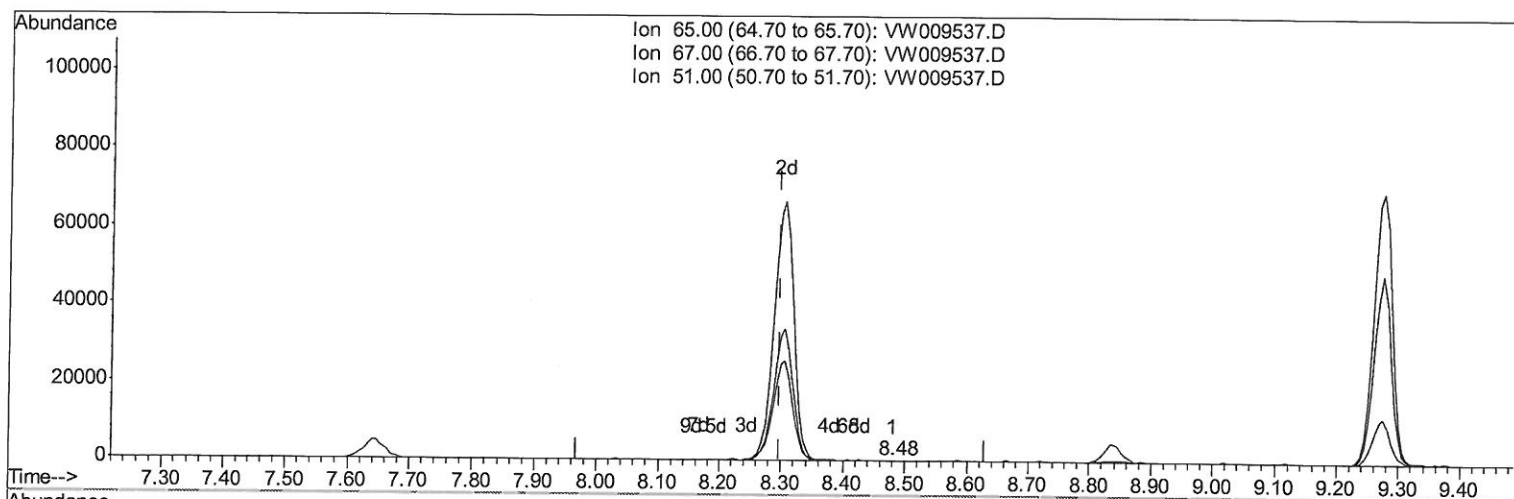
Data File : VW009537.D
Acq On : 28 Mar 2019 14:46
Operator : SY/VA
Sample : K2084-05
Misc : 3.70G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF7W7

Manual Integrations
APPROVED

MMDadoda
4/1/2019 4:06:07 AM

Quant Time: Mar 29 05:39:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 05:35:33 2019
Response via : Initial Calibration



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

8.482min (+0.183) 0.02ug/L

response 113

Ion	Exp%	Act%
65.00	100	100
67.00	50.80	62.83
51.00	97.70	125.66
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032819\
Quantitation Report (Qedit)

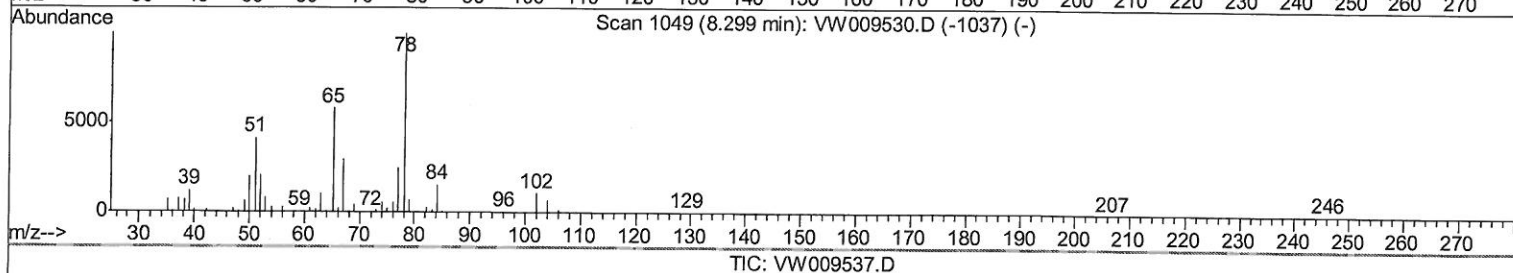
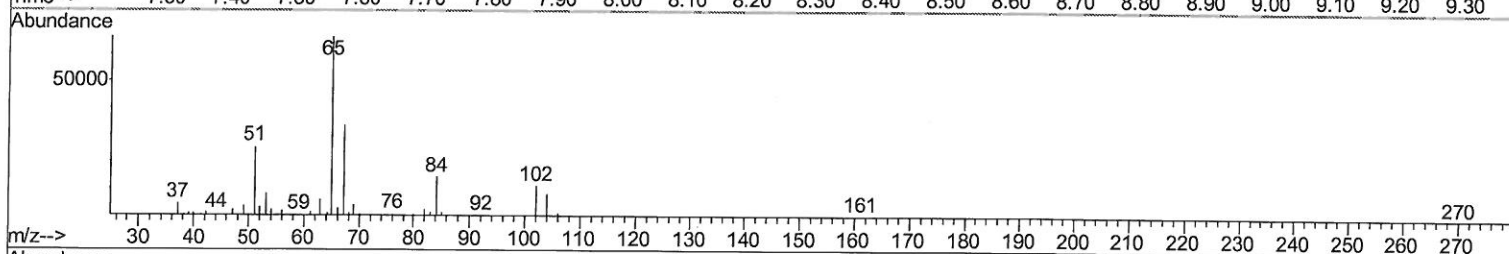
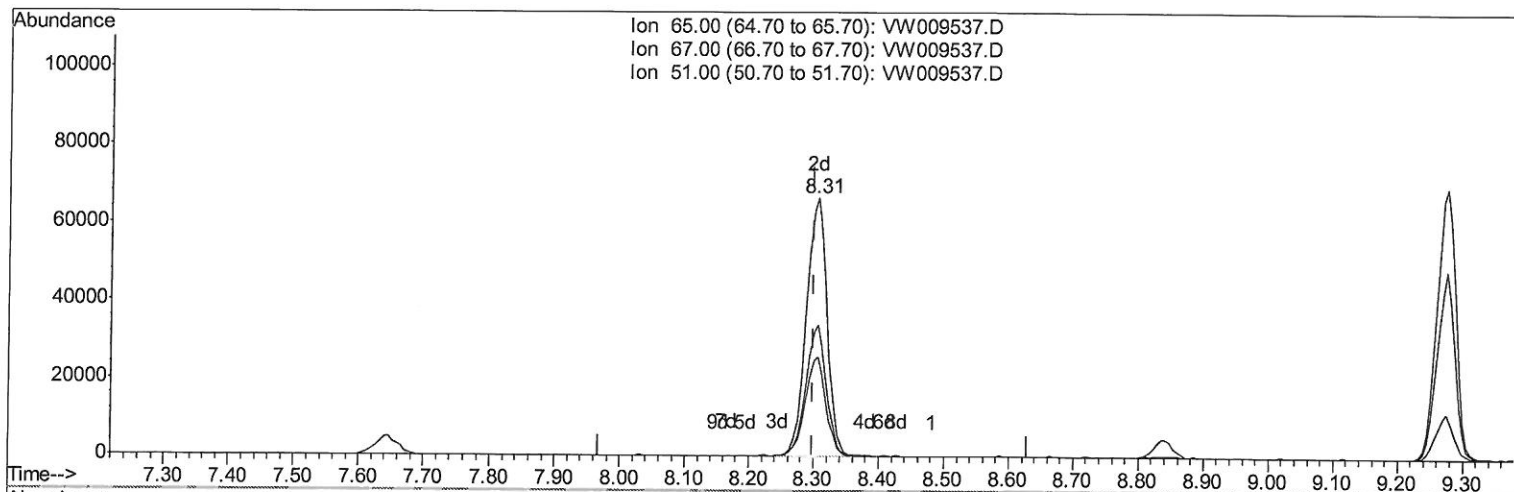
Data File : VW009537.D
Acq On : 28 Mar 2019 14:46
Operator : SY/VA
Sample : K2084-05
Misc : 3.70G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF7W7

Manual Integrations
APPROVED

MMDadoda
4/1/2019 4:06:07 AM

Quant Time: Mar 29 05:39:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 05:35:33 2019
Response via : Initial Calibration



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

8.305min (+0.006) 24.79ug/L m

response 147428

Ion	Exp%	Act%
65.00	100	100
67.00	50.80	0.05#
51.00	97.70	0.10#
0.00	0.00	0.00

7 MO
4/1/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032819\
Quantitation Report (Qedit)

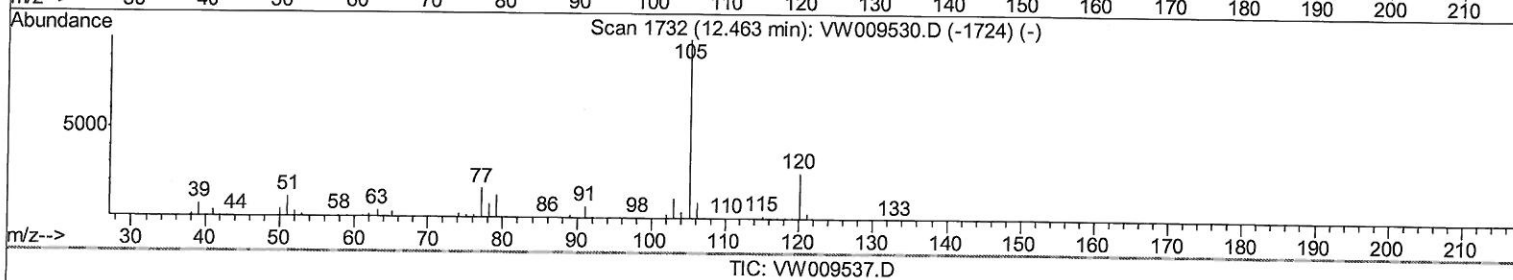
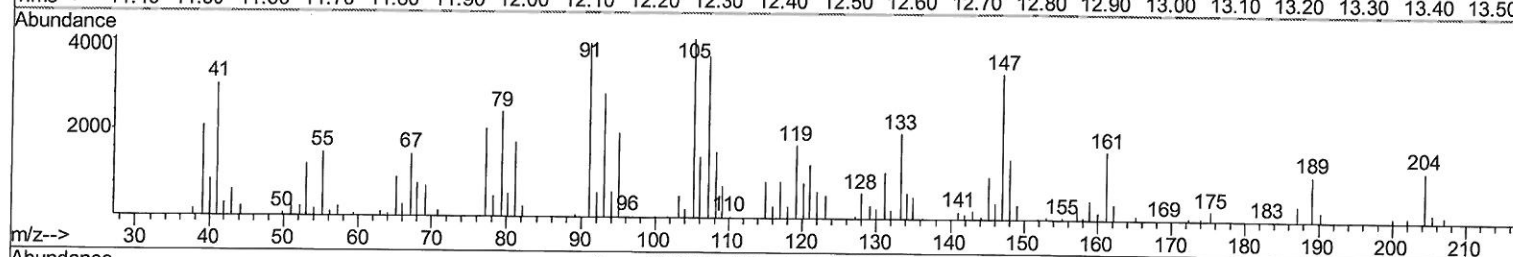
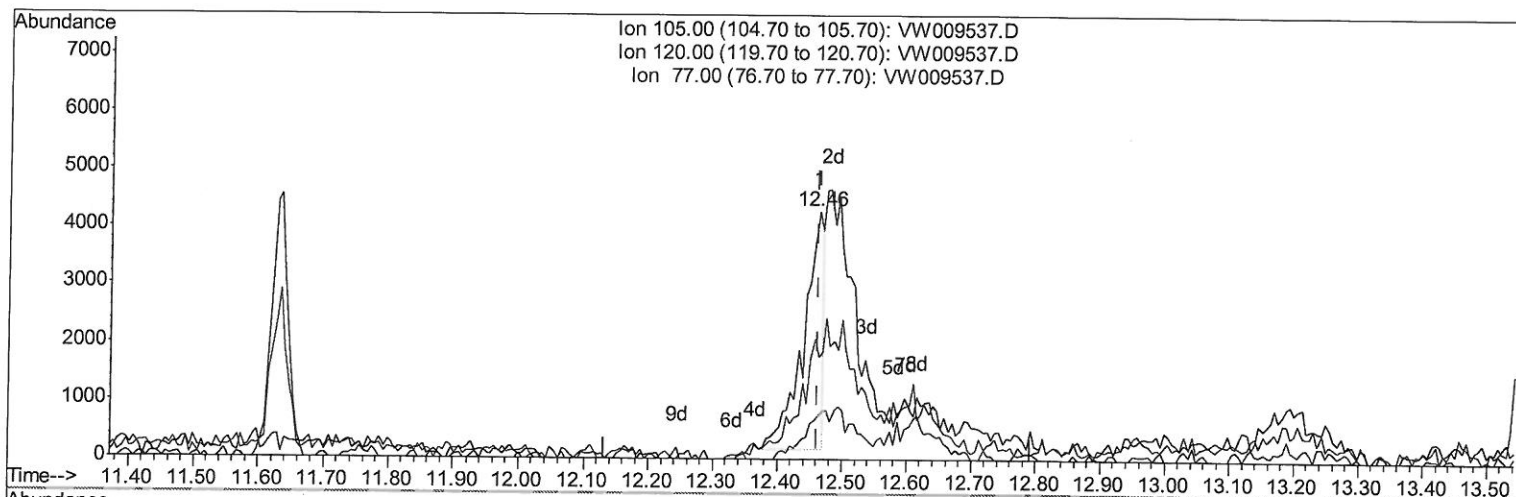
Data File : VW009537.D
Acq On : 28 Mar 2019 14:46
Operator : SY/VA
Sample : K2084-05
Misc : 3.70G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF7W7

Manual Integrations
APPROVED

MMDadoda
4/1/2019 4:06:07 AM

Quant Time: Mar 29 05:39:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 05:35:33 2019
Response via : Initial Calibration



(57) Isopropylbenzene (T)

12.463min (-0.000) 0.38ug/L

response 8943

Ion	Exp%	Act%
105.00	100	100
120.00	26.60	0.00#
77.00	16.40	19.59
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032819\
Quantitation Report (Qedit)

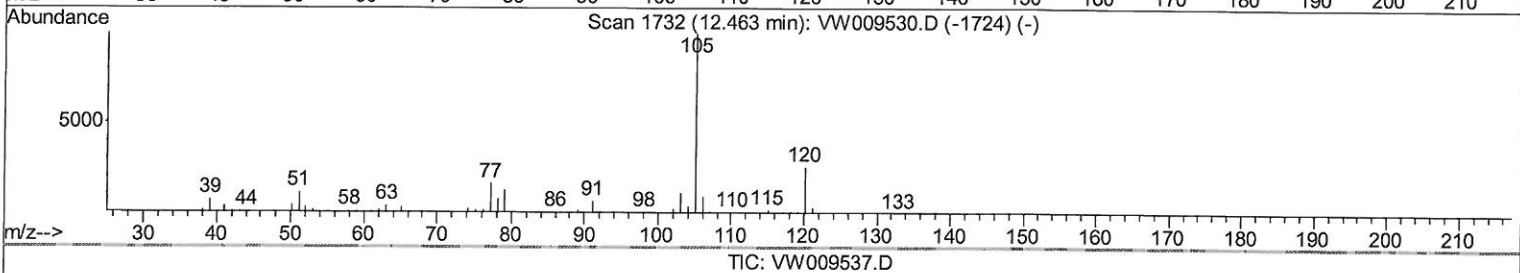
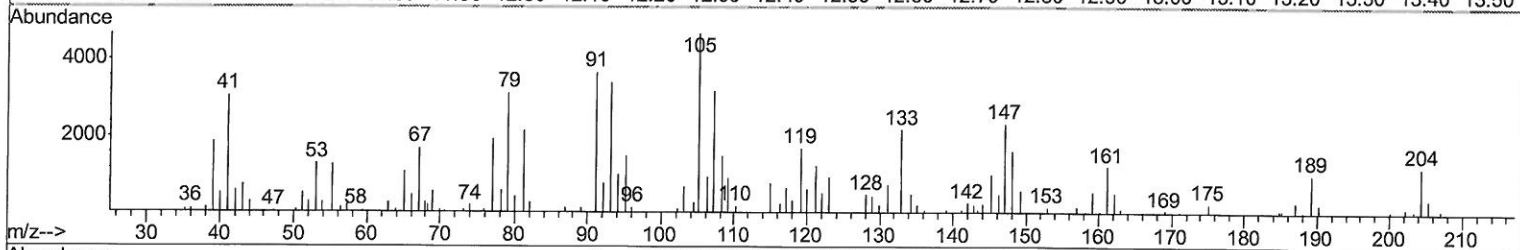
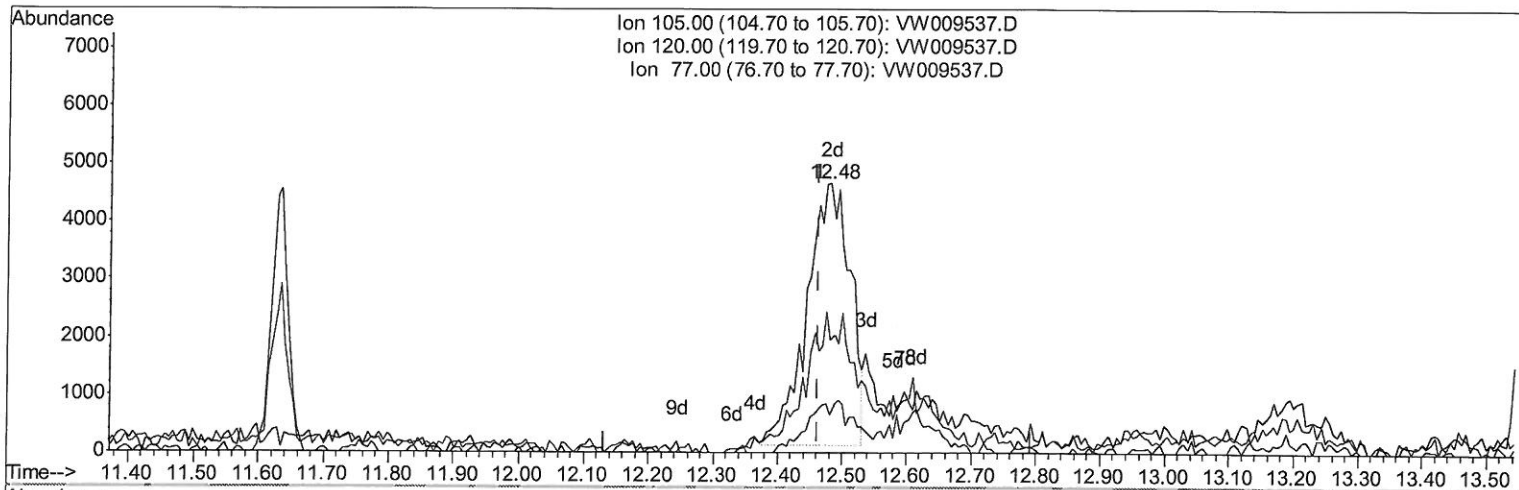
Data File : VW009537.D
Acq On : 28 Mar 2019 14:46
Operator : SY/VA
Sample : K2084-05
Misc : 3.70G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF7W7

Manual Integrations
APPROVED

MMDadoda
4/1/2019 4:06:07 AM

Quant Time: Mar 29 05:39:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 05:35:33 2019
Response via : Initial Calibration



(57) Isopropylbenzene (T)

12.481min (+0.018) 0.89ug/L m

response 21002

Ion	Exp%	Act%
105.00	100	100
120.00	26.60	0.00#
77.00	16.40	8.34#
0.00	0.00	0.00

> 100
411119

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032819\
Quantitation Report (QT Reviewed)

Data File : VW009537.D
Acq On : 28 Mar 2019 14:46
Operator : SY/VA
Sample : K2084-05
Misc : 3.70G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
Client Sampled :
BF7W7

Manual Integrations
APPROVED

MMDadoda
4/1/2019 4:06:07 AM

Quant Time: Mar 29 07:00:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	8.84	114	361741	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	354287	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	169485	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	140344	32.47	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	129.88%	
7) Chloroethane-d5	2.89	69	125876	24.89	ug/L	0.02
Spiked Amount	25.000	Range 30 - 150	Recovery	=	99.56%	
10) 1,1-Dichloroethene-d2	4.01	63	204738	21.91	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	87.64%	
20) 2-Butanone-d5	7.08	46	69350	38.79	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	77.58%	
24) Chloroform-d	7.65	84	245081	24.83	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	99.32%	
26) 1,2-Dichloroethane-d4	8.31	65	147428m	24.79	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	99.16%	
29) Benzene-d6	8.27	84	472452	24.18	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	96.72%	
33) 1,2-Dichloropropane-d6	9.27	67	139268	23.73	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	94.92%	
37) Toluene-d8	10.32	98	429330	23.76	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	95.04%	
38) trans-1,3-Dichloropropene-	10.57	79	60046	20.37	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	81.48%	
39) 2-Hexanone-d5	10.93	63	47120	33.15	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	66.30%	
48) 1,1,2,2-Tetrachloroethane-	12.69	84	123146	21.31	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	85.24%	
61) 1,2-Dichlorobenzene-d4	13.86	152	159791	24.59	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	98.36%	

Target Compounds

16) Methylene chloride	4.92	84	38402	7.280	ug/L	95
57) Isopropylbenzene	12.48	105	21002m	0.887	ug/L	

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