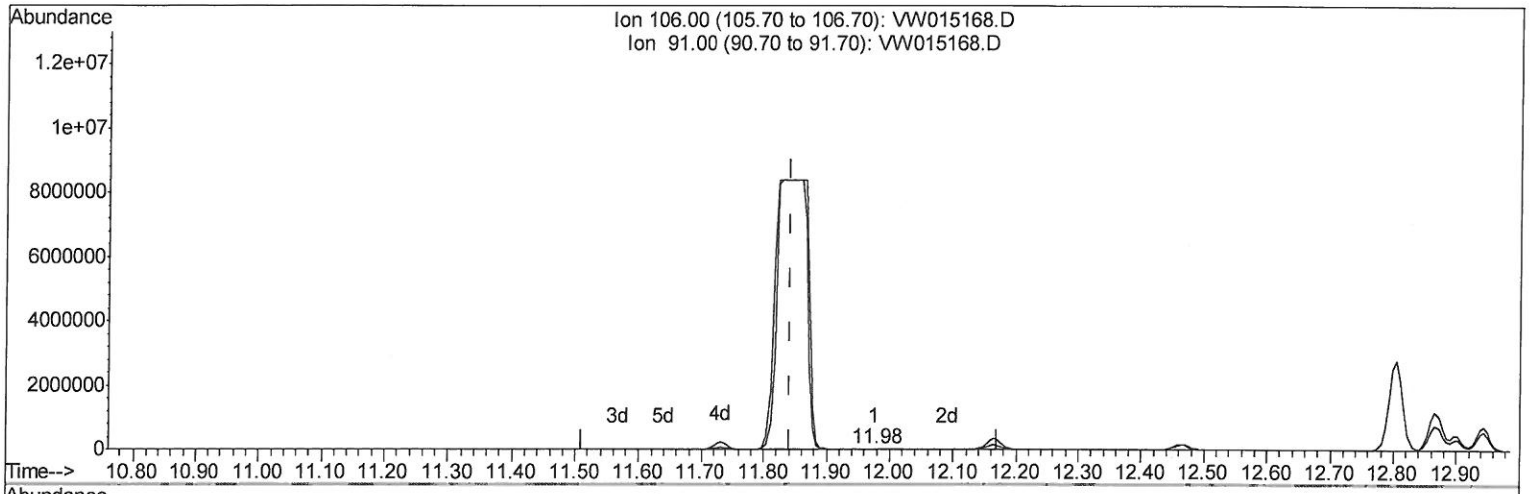
Quantitation Report (Qedit)

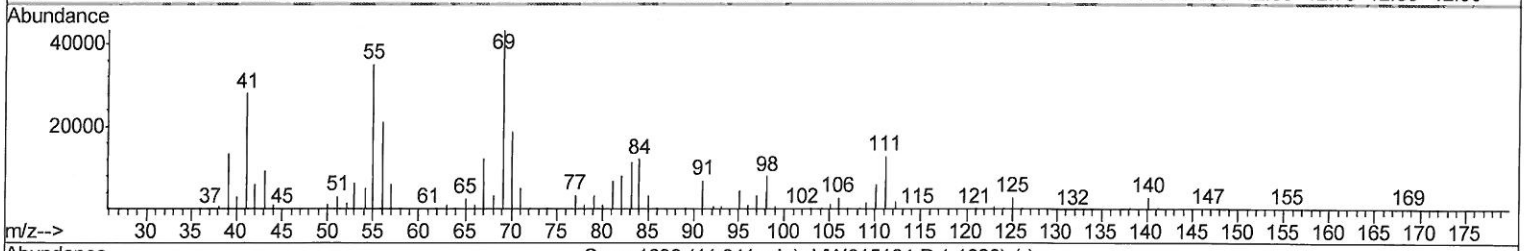
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040820\
Data File : VW015168.D
Acq On : 08 Apr 2020 14:00
Operator : SY/VA
Sample : L2176-07
Misc : 5.64G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

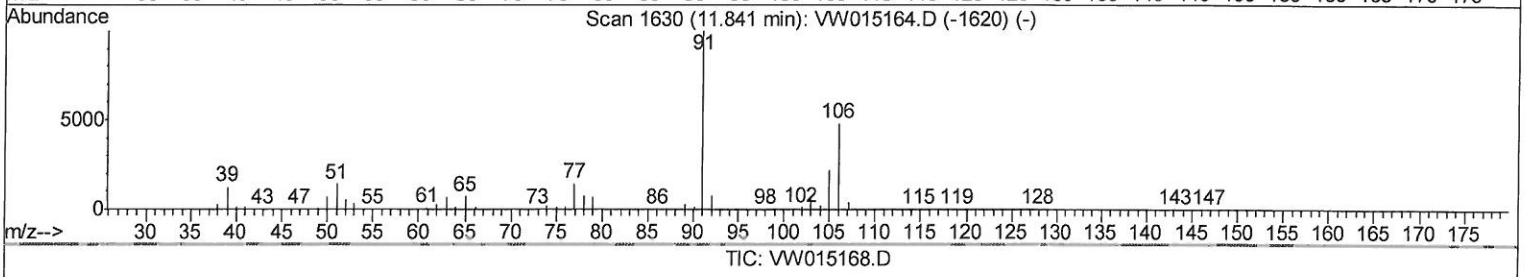
Quant Time: Apr 09 02:29:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 09 01:17:46 2020
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BG2J3

Manual Integrations APPROVED
MMDadoda
4/10/2020 3:01:49 PM







TIC: VW015168.D

(54) m,p-Xylene (T)

11.975min (+0.134) 0.03ug/L

response 541

Ion	Exp%	Act%
106.00	100	100
91.00	210.50	245.06
0.00	0.00	0.00
0.00	0.00	0.00

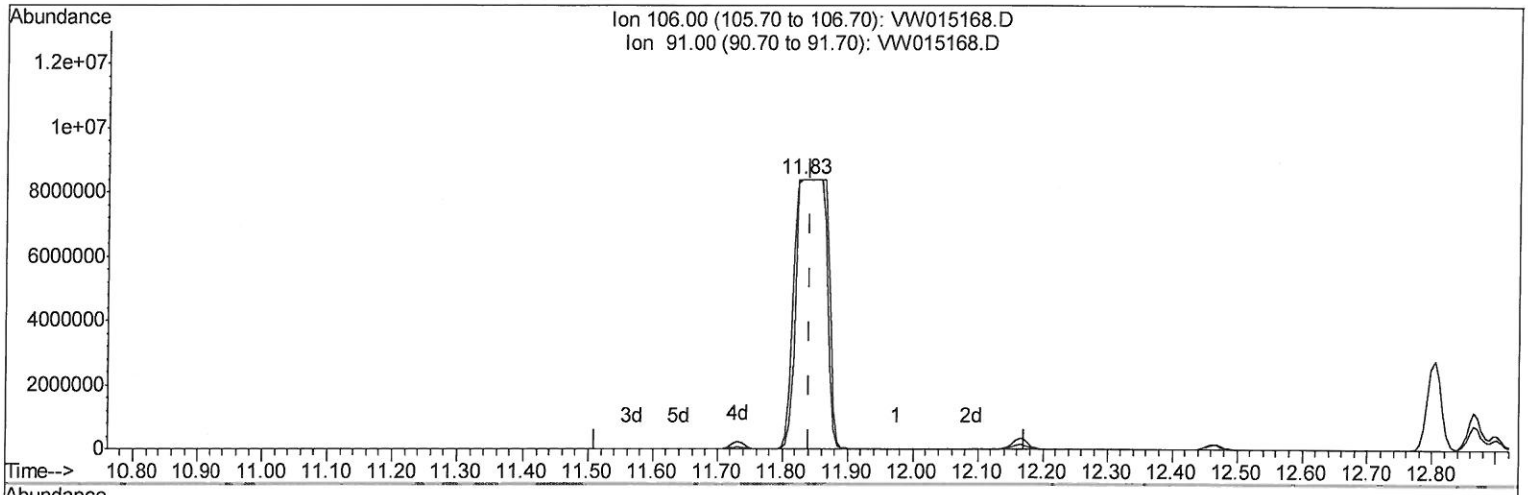
Quantitation Report (Qedit)

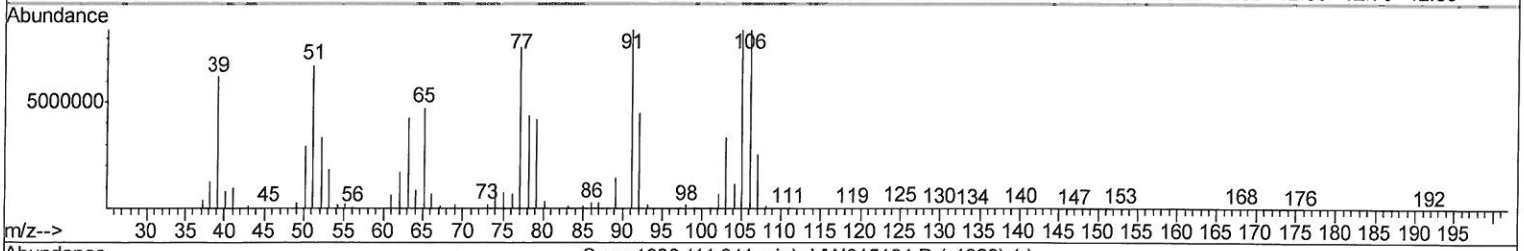
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040820\
Data File : VW015168.D
Acq On : 08 Apr 2020 14:00
Operator : SY/VA
Sample : L2176-07
Misc : 5.64G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

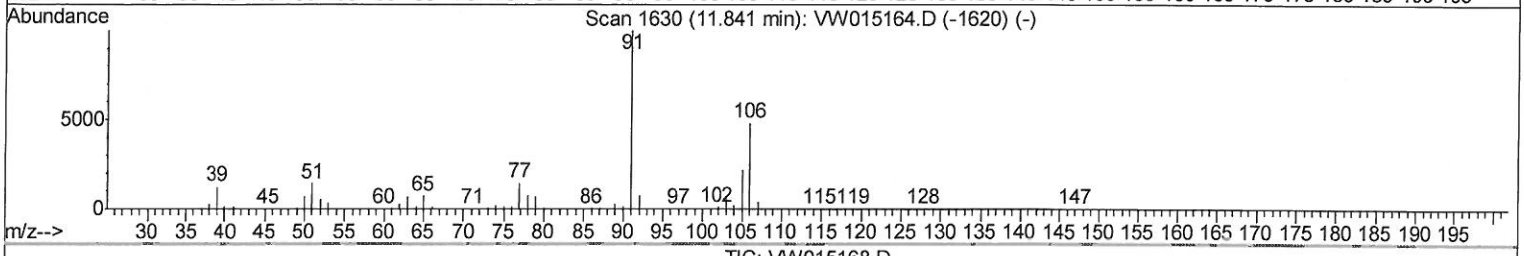
Quant Time: Apr 09 02:29:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 09 01:17:46 2020
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BG2J3

Manual Integrations APPROVED
MMDadoda
4/10/2020 3:01:49 PM







TIC: VW015168.D

(54) m,p-Xylene (T)

11.829min (-0.012) 1683.09ug/L m 04/10/20 SY

response 26627570

Ion	Exp%	Act%
106.00	100	100
91.00	210.50	100.00#
0.00	0.00	0.00
0.00	0.00	0.00

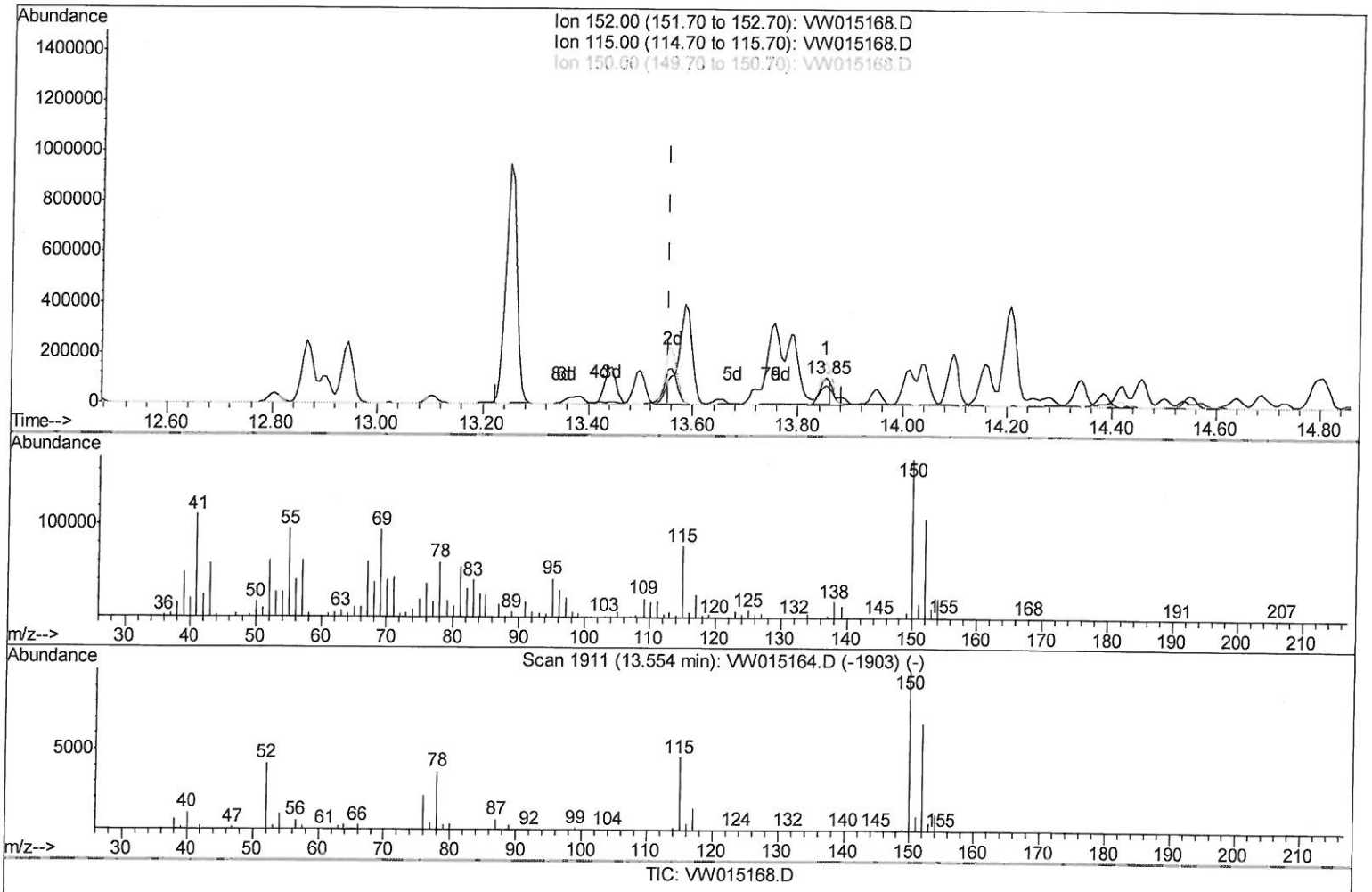
Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040820\
Data File : VW015168.D
Acq On : 08 Apr 2020 14:00
Operator : SY/VA
Sample : L2176-07
Misc : 5.64G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 09 02:29:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 09 01:17:46 2020
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BG2J3

Manual Integrations APPROVED
MMDadoda
4/10/2020 3:01:49 PM



TIC: VW015168.D

(60) 1,4-Dichlorobenzene-d4 (I)

13.853min (+0.299) 25.00ug/L

response 137391

Ion	Exp%	Act%
152.00	100	100
115.00	66.50	46.52
150.00	174.80	159.94
0.00	0.00	0.00

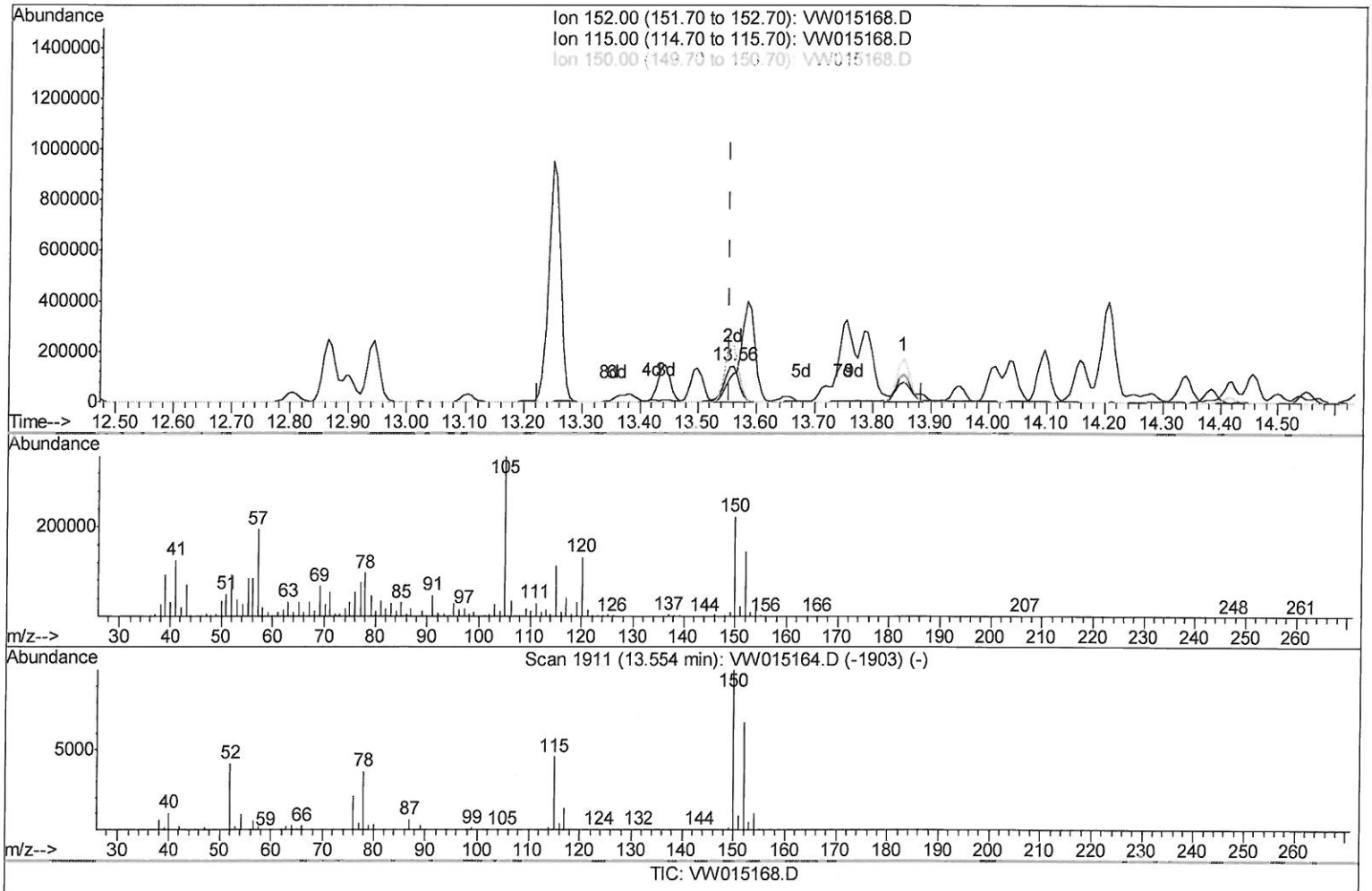
Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040820\
Data File : VW015168.D
Acq On : 08 Apr 2020 14:00
Operator : SY/VA
Sample : L2176-07
Misc : 5.64G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 09 02:29:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 09 01:17:46 2020
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BG2J3

Manual Integrations APPROVED
MMDadoda
4/10/2020 3:01:49 PM



TIC: VW015168.D

(60) 1,4-Dichlorobenzene-d4 (I)

13.560min (+0.006) 25.00ug/L m

response 257141

Ion	Exp%	Act%
152.00	100	100
115.00	66.50	24.86
150.00	174.80	85.46
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040820\

Quantitation Report (LSC Reviewed)

Data File : VW015168.D
Acq On : 08 Apr 2020 14:00
Operator : SY/VA
Sample : L2176-07
Misc : 5.64G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 10 11:39:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 09 01:17:46 2020
Response via : Initial Calibration

Instrument : MSVOA_W
ClientSampleId : BG2J3

Manual Integrations APPROVED
MMDadoda
4/10/2020 3:01:49 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	679410	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	571136	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	257141m	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	222765	18.99	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 75.96%			
7) Chloroethane-d5	2.90	69	211732	21.88	ug/L	0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.52%			
10) 1,1-Dichloroethene-d2	4.02	63	322818	13.69	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 54.76%			
20) 2-Butanone-d5	7.08	46	101007	37.82	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 75.64%			
24) Chloroform-d	7.65	84	402042	19.80	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 79.20%			
26) 1,2-Dichloroethane-d4	8.31	65	231108	19.66	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 78.64%			
29) Benzene-d6	8.27	84	814366	22.28	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 89.12%			
33) 1,2-Dichloropropane-d6	9.27	67	271813	22.38	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 89.52%			
37) Toluene-d8	10.32	98	788363	25.30	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 101.20%			
38) trans-1,3-Dichloropropene-	10.58	79	93453	20.11	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 80.44%			
39) 2-Hexanone-d5	10.93	63	82038	45.74	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 91.48%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	169788	20.44	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 81.76%			
61) 1,2-Dichlorobenzene-d4	13.85	152	173659	19.41	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 77.64%			

Target Compounds						Qvalue
13) Acetone	4.13	43	39916	16.746	ug/L	97
30) Cyclohexane	7.95	56	105212	5.646	ug/L	91
34) Benzene	8.32	78	334847	7.925	ug/L	100
36) Methylcyclohexane	9.34	83	842298	47.667	ug/L	93
44) Toluene	10.38	91	20722	0.496	ug/L	93
53) Ethylbenzene	11.73	91	361047	8.001	ug/L	97
54) m,p-Xylene	11.83	106	26627570m	683.086	ug/L	
55) o-xylene	12.16	106	224574	15.141	ug/L	97
57) Isopropylbenzene	12.46	105	2981910	72.972	ug/L	98

04/10/2020

04/10/2020

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040820\

Quantitation Report (LSC Reviewed)

Data File : VW015168.D
Acq On : 08 Apr 2020 14:00
Operator : SY/VA
Sample : L2176-07
Misc : 5.64G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 10 11:39:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 09 01:17:46 2020
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BG2J3

Manual Integrations APPROVED
MMDadoda
4/10/2020 3:01:49 PM