Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071719\

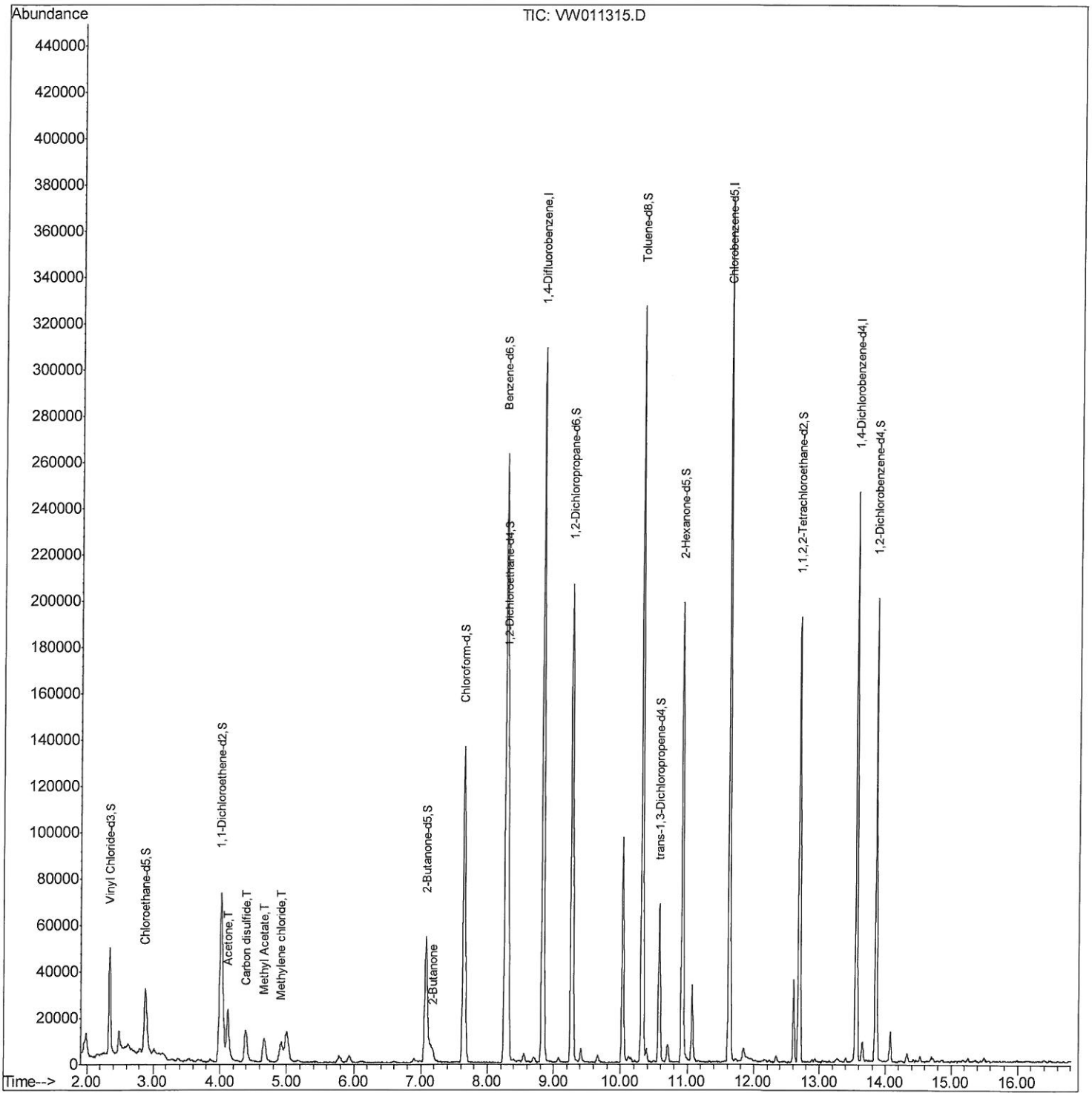
Quantitation Report (QT Reviewed)

Data File : VW011315.D
Acq On : 17 Jul 2019 19:36
Operator : SY/VA
Sample : K3798-10RE
Misc : 6.03G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 18 06:55:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Thu Jul 18 06:37:55 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
A52H7RE

Manual Integrations APPROVED
MMDadoda
7/22/2019 1:44:46 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071719\

Quantitation Report (Qedit)

Data File : VW011315.D
Acq On : 17 Jul 2019 19:36
Operator : SY/VA
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ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 18 06:40:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Thu Jul 18 06:37:55 2019
Response via : Initial Calibration

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Manual Integrations APPROVED
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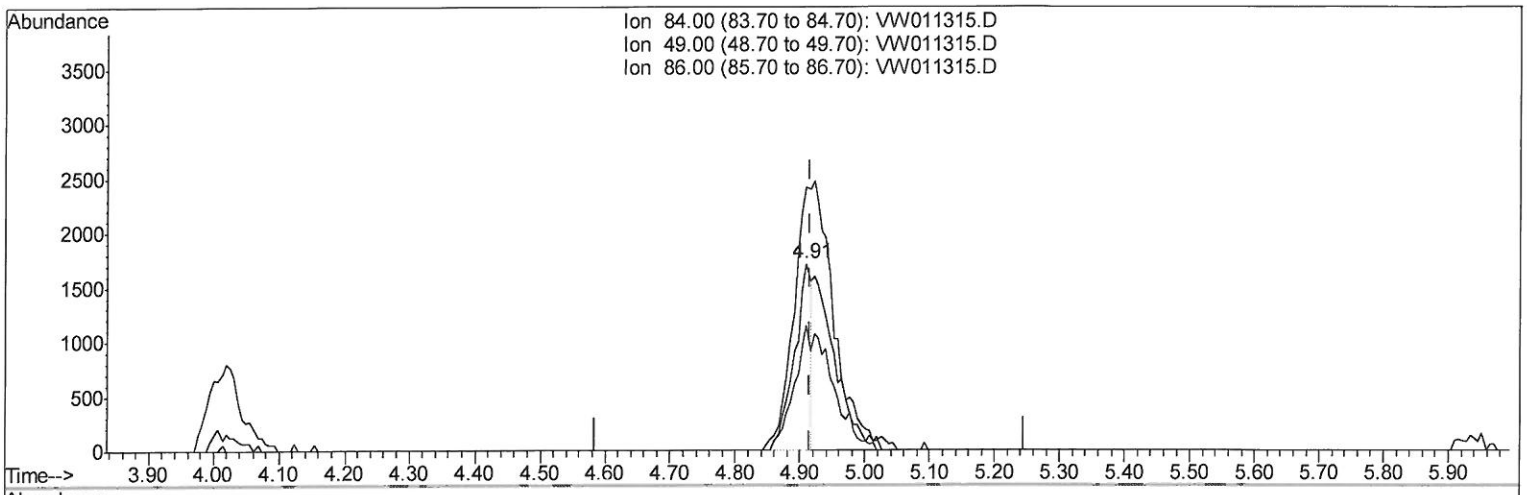

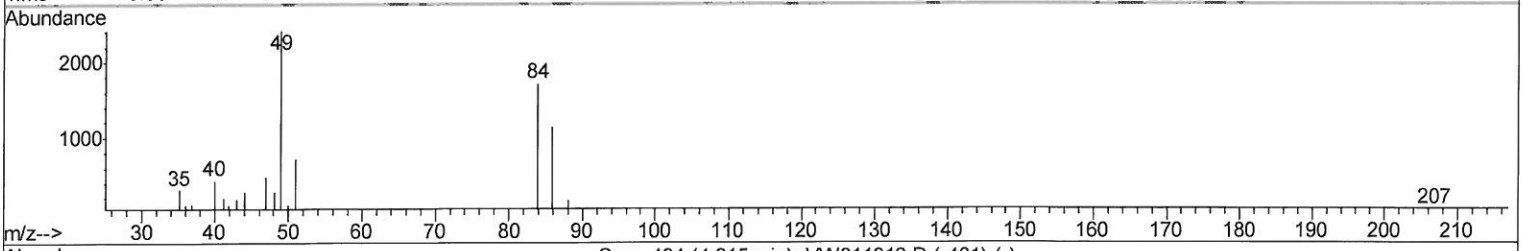

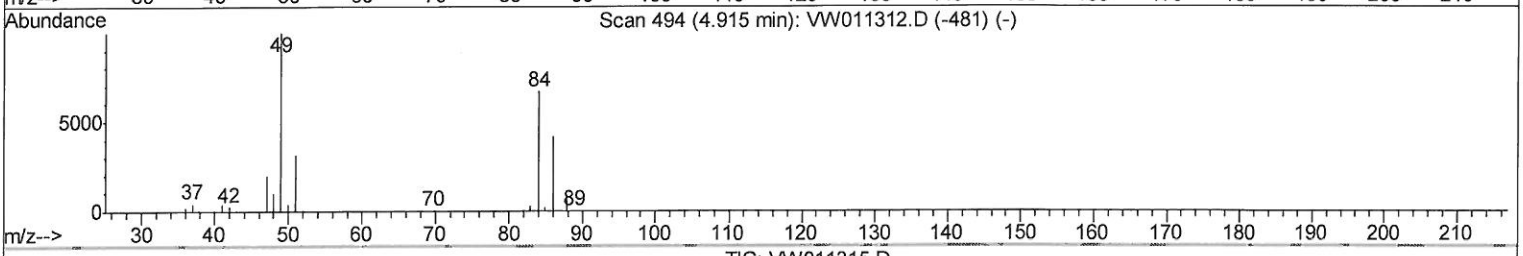

TIC: VW011315.D

(16) Methylene chloride (T)

4.909min (-0.006) 0.85ug/L

response 3027

Ion	Exp%	Act%
84.00	100	100
49.00	146.40	141.32
86.00	66.30	67.15
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071719\

Quantitation Report (Qedit)

Data File : VW011315.D
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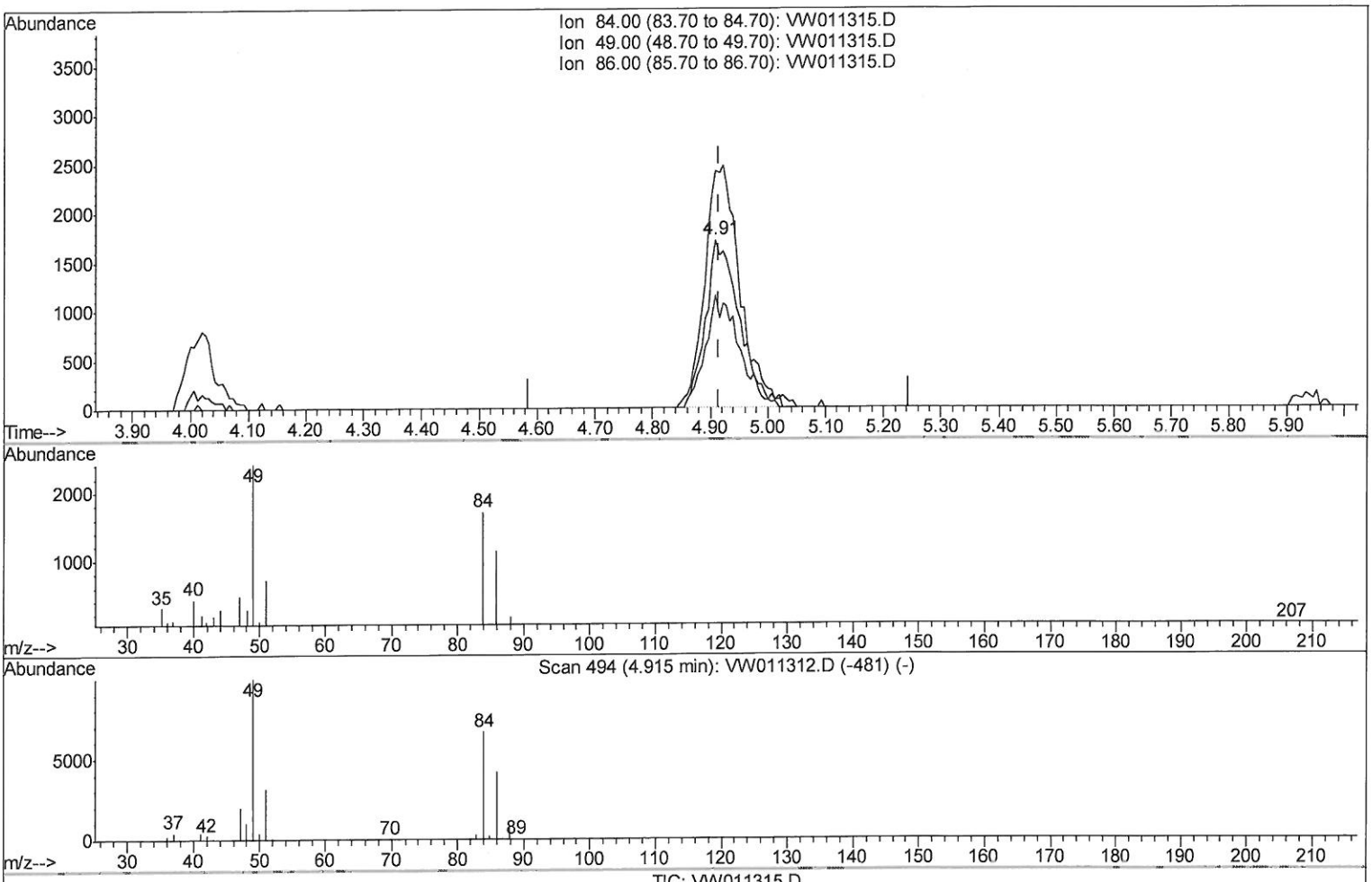
Instrument :
MSVOA_W
ClientSampleId :
A52H7RE

Manual Integrations APPROVED
MMDadoda
7/22/2019 1:44:46 AM



TIC: VW011315.D

(16) Methylene chloride (T)

4.909min (-0.006) 1.96ug/L m >a7/18/19 SY

response 6945

Ion	Exp%	Act%
84.00	100	100
49.00	146.40	141.32
86.00	66.30	67.15
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071719\

Quantitation Report (QT Reviewed)

Data File : VW011315.D
Acq On : 17 Jul 2019 19:36
Operator : SY/VA
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Quant Title : VOC Analysis
QLast Update : Thu Jul 18 06:37:55 2019
Response via : Initial Calibration

Instrument : MSVOA_W
ClientSampleId : A52H7RE

Manual Integrations APPROVED
MMDadoda
7/22/2019 1:44:46 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	241135	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	193913	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	59839	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.34	65	48944	13.29	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 53.16%			
7) Chloroethane-d5	2.88	69	40806	15.80	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 63.20%			
10) 1,1-Dichloroethene-d2	4.01	63	91326	11.71	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 46.84%			
20) 2-Butanone-d5	7.07	46	97585	67.28	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 134.56%			
24) Chloroform-d	7.65	84	137294	20.77	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 83.08%			
26) 1,2-Dichloroethane-d4	8.30	65	97922	24.06	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.24%			
29) Benzene-d6	8.27	84	258758	21.66	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 86.64%			
33) 1,2-Dichloropropane-d6	9.27	67	95609	24.58	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.32%			
37) Toluene-d8	10.32	98	203635	19.13	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 76.52%			
38) trans-1,3-Dichloropropene-	10.58	79	34791	21.03	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 84.12%			
39) 2-Hexanone-d5	10.92	63	64035	71.78	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 143.56%#			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	95213	29.59	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 118.36%			
61) 1,2-Dichlorobenzene-d4	13.85	152	49571	21.58	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 86.32%			
Target Compounds						Qvalue
13) Acetone	4.12	43	39744	28.054	ug/L	100
14) Carbon disulfide	4.38	76	7885	0.870	ug/L	100
15) Methyl Acetate	4.67	43	20463	8.877	ug/L	96
16) Methylene chloride	4.91	84	6945m	1.960	ug/L	
21) 2-Butanone	7.18	43	5466	2.989	ug/L	85

07/18/19 SY

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