Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040319\

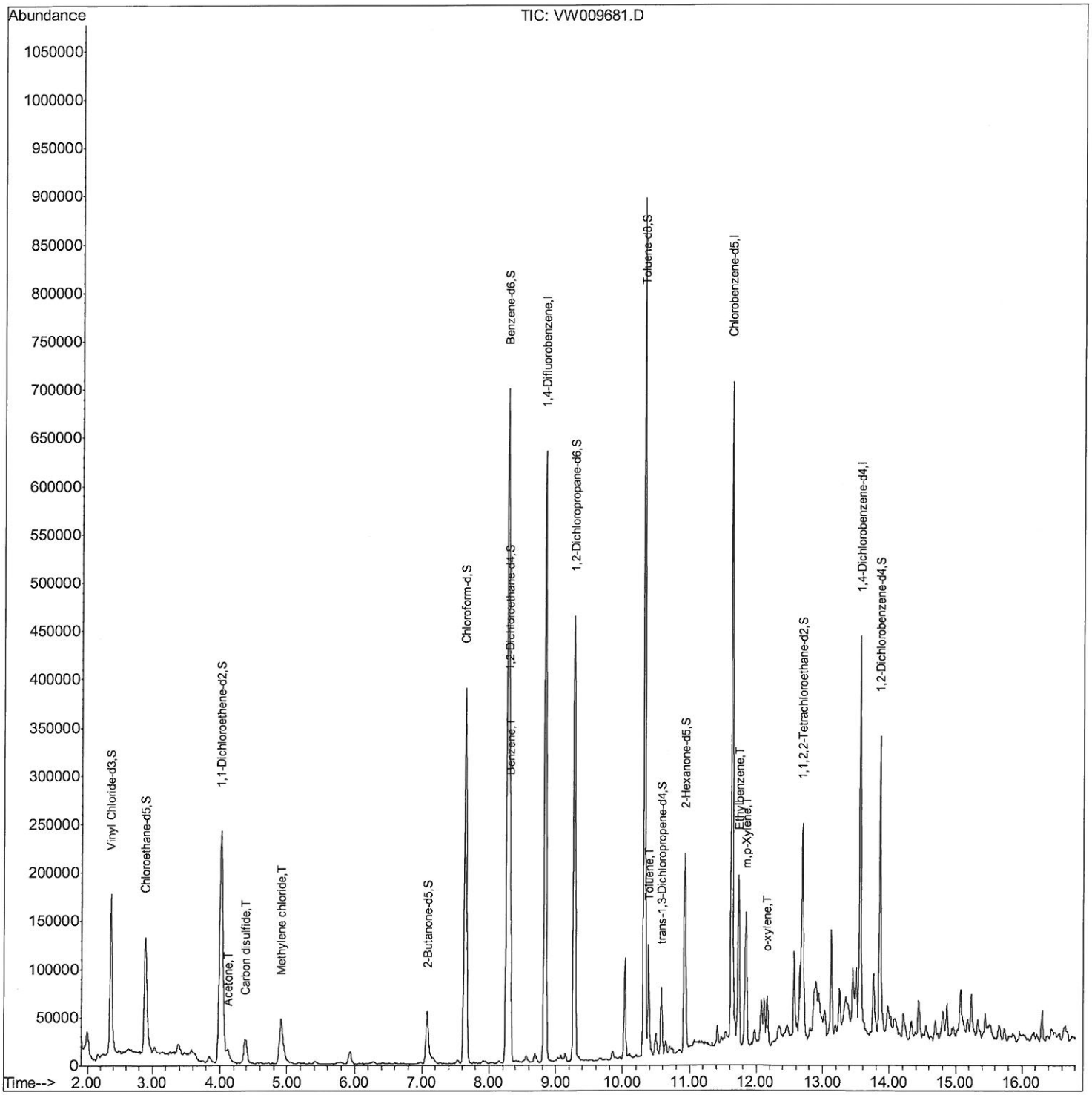
Quantitation Report (QT Reviewed)

Data File : VW009681.D
Acq On : 04 Apr 2019 03:11
Operator : SY/VA
Sample : K2188-03
Misc : 3.18G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 04 04:13:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 02:03:18 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BF650

Manual Integrations APPROVED
MMDadoda
4/10/2019 8:53:39 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040319\

Quantitation Report (Qedit)

Data File : VW009681.D
Acq On : 04 Apr 2019 03:11
Operator : SY/VA
Sample : K2188-03
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ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 04 03:51:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 02:03:18 2019
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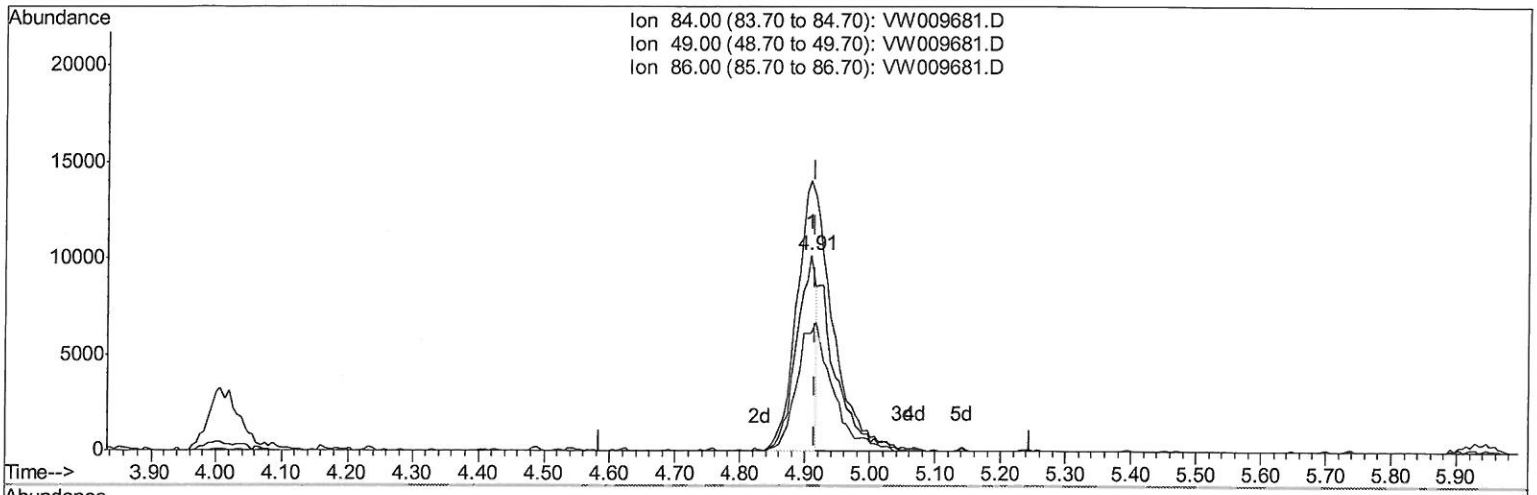
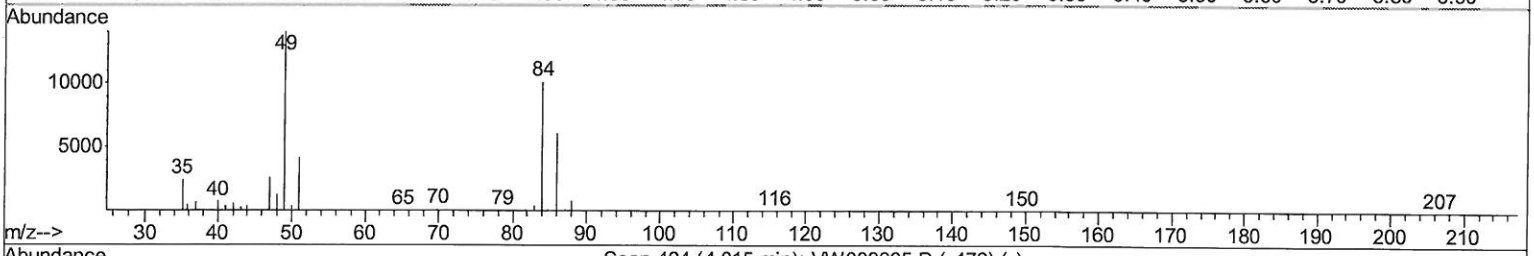
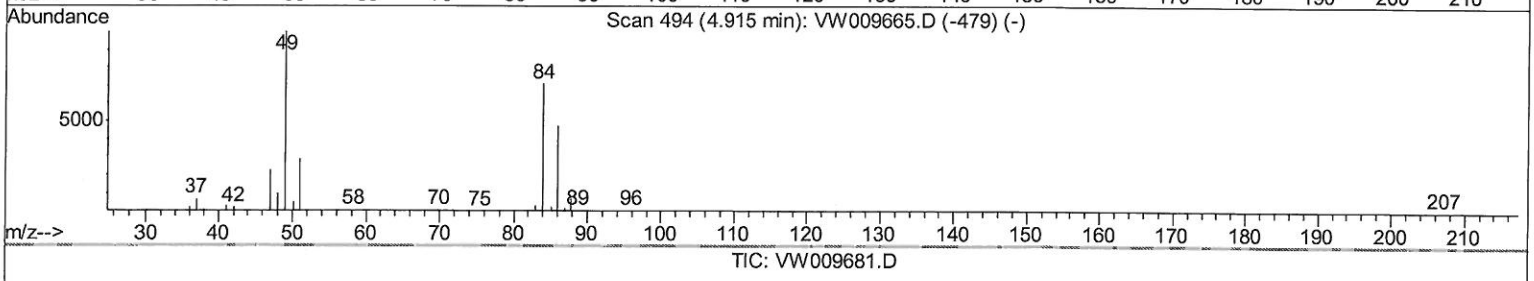
4/10/2019 8:53:39 AM







TIC: VW009681.D

(16) Methylene chloride (T)

4.909min (-0.006) 2.42ug/L

response 20809

Ion	Exp%	Act%
84.00	100	100
49.00	140.40	138.19
86.00	66.30	60.42
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040319\

Quantitation Report (Qedit)

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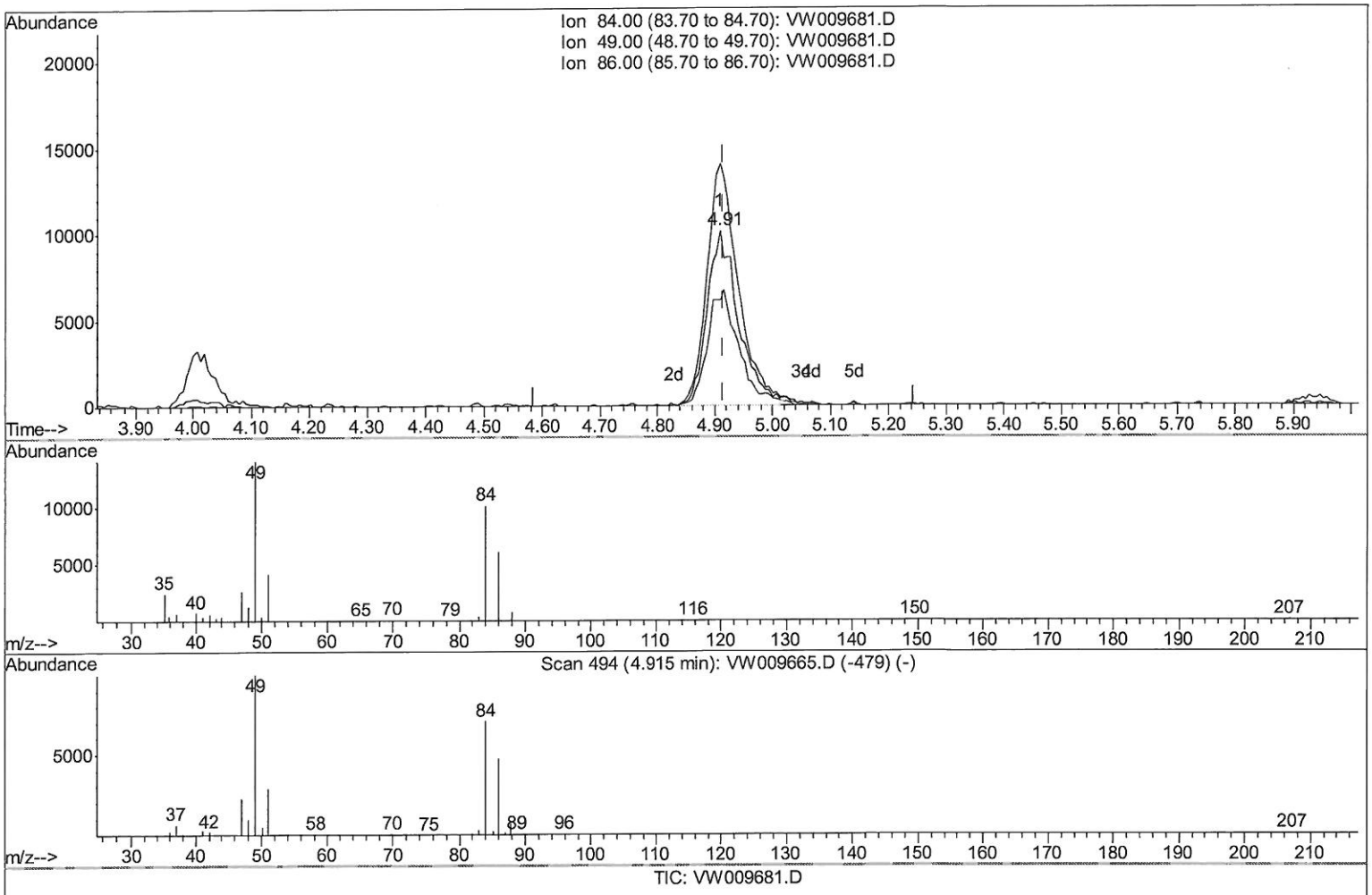
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 02:03:18 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BF650

Manual Integrations APPROVED
MMDadoda
4/10/2019 8:53:39 AM



(16) Methylene chloride (T)

4.909min (-0.006) 4.47ug/L m

response 38498

> MD 4/7/19

Ion	Exp%	Act%
84.00	100	100
49.00	140.40	138.19
86.00	66.30	60.42
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040319\

Quantitation Report (QT Reviewed)

Data File : VW009681.D
Acq On : 04 Apr 2019 03:11
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Quant Title : VOC Analysis
QLast Update : Thu Apr 04 02:03:18 2019
Response via : Initial Calibration

Instrument : MSVOA_W
ClientSampleId : BF650

Manual Integrations APPROVED
MMDadoda
4/10/2019 8:53:39 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	488405	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	343788	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	93518	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	217913	34.10	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 136.40%			
7) Chloroethane-d5	2.89	69	174584	29.82	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 119.28%			
10) 1,1-Dichloroethene-d2	4.01	63	309703	22.53	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 90.12%			
20) 2-Butanone-d5	7.07	46	92809	44.73	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 89.46%			
24) Chloroform-d	7.65	84	354933	26.63	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 106.52%			
26) 1,2-Dichloroethane-d4	8.30	65	206547	25.24	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.96%			
29) Benzene-d6	8.27	84	682051	37.79	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 151.16%#			
33) 1,2-Dichloropropane-d6	9.27	67	197436	35.42	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 141.68%#			
37) Toluene-d8	10.32	98	551830	33.07	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 132.28%#			
38) trans-1,3-Dichloropropene-	10.57	79	35776	13.46	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 53.84%			
39) 2-Hexanone-d5	10.92	63	62192	59.19	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 118.38%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	96686	18.66	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 74.64%			
61) 1,2-Dichlorobenzene-d4	13.86	152	77485	23.61	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 94.44%			

Target Compounds						Qvalue
13) Acetone	4.12	43	18017	8.103	ug/L	97
14) Carbon disulfide	4.37	76	50909	2.525	ug/L	95
16) Methylene chloride	4.91	84	38498m	4.469	ug/L	
34) Benzene	8.32	78	22294	1.078	ug/L	100
44) Toluene	10.38	91	79848	3.644	ug/L	99
53) Ethylbenzene	11.73	91	111749	4.477	ug/L	99
54) m,p-Xylene	11.83	106	25697	2.783	ug/L	88
55) o-xylene	12.16	106	13057	1.485	ug/L	97

MD 4/7/19

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