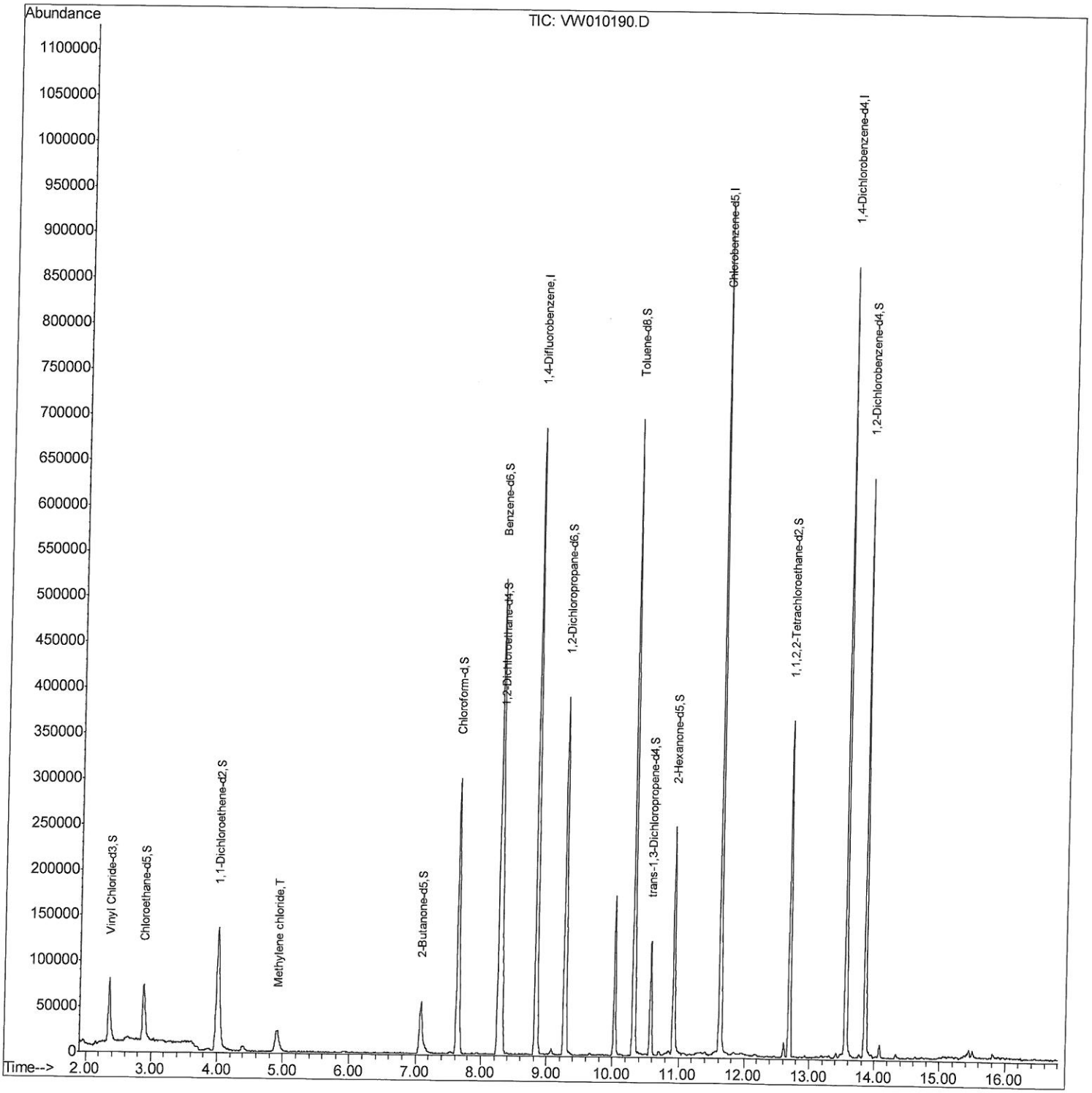
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042919\
Data File : VW010190.D
Acq On : 29 Apr 2019 19:54
Operator : SY/VA
Sample : K2596-18
Misc : 5.01G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 30 07:54:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 29 15:05:07 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BFH44

Manual Integrations APPROVED
MMDadoda
5/2/2019 1:07:16 PM



Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042919\
Data File : VW010190.D
Acq On : 29 Apr 2019 19:54
Operator : SY/VA
Sample : K2596-18
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ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 30 05:13:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 29 15:05:07 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
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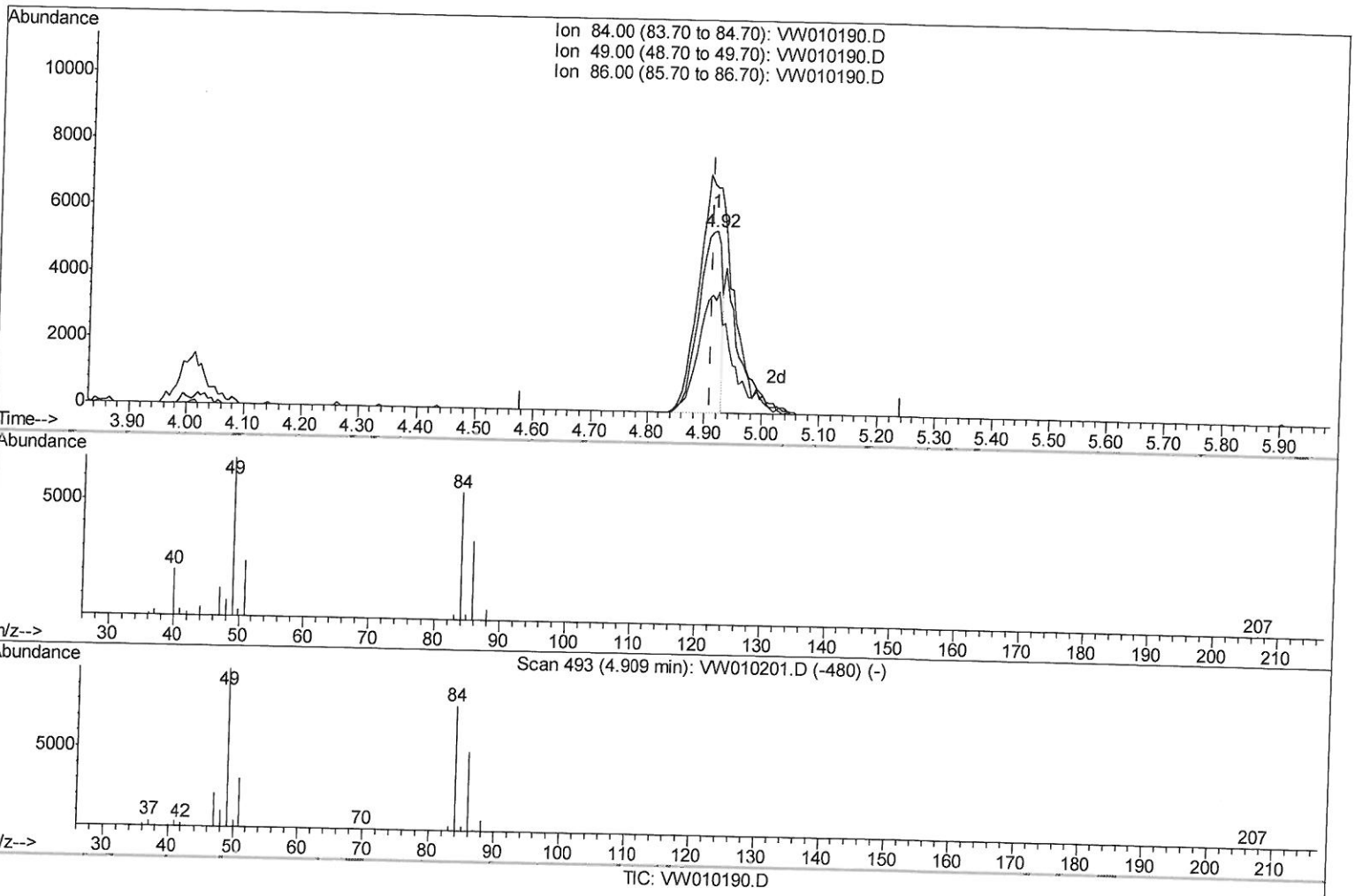
Manual Integrations APPROVED
MMDadoda
5/2/2019 1:07:16 PM



(16) Methylene chloride (T)

4.916min (+0.006) 1.63ug/L

response 15183

Ion	Exp%	Act%
84.00	100	100
49.00	128.90	123.69
86.00	66.20	62.25
0.00	0.00	0.00

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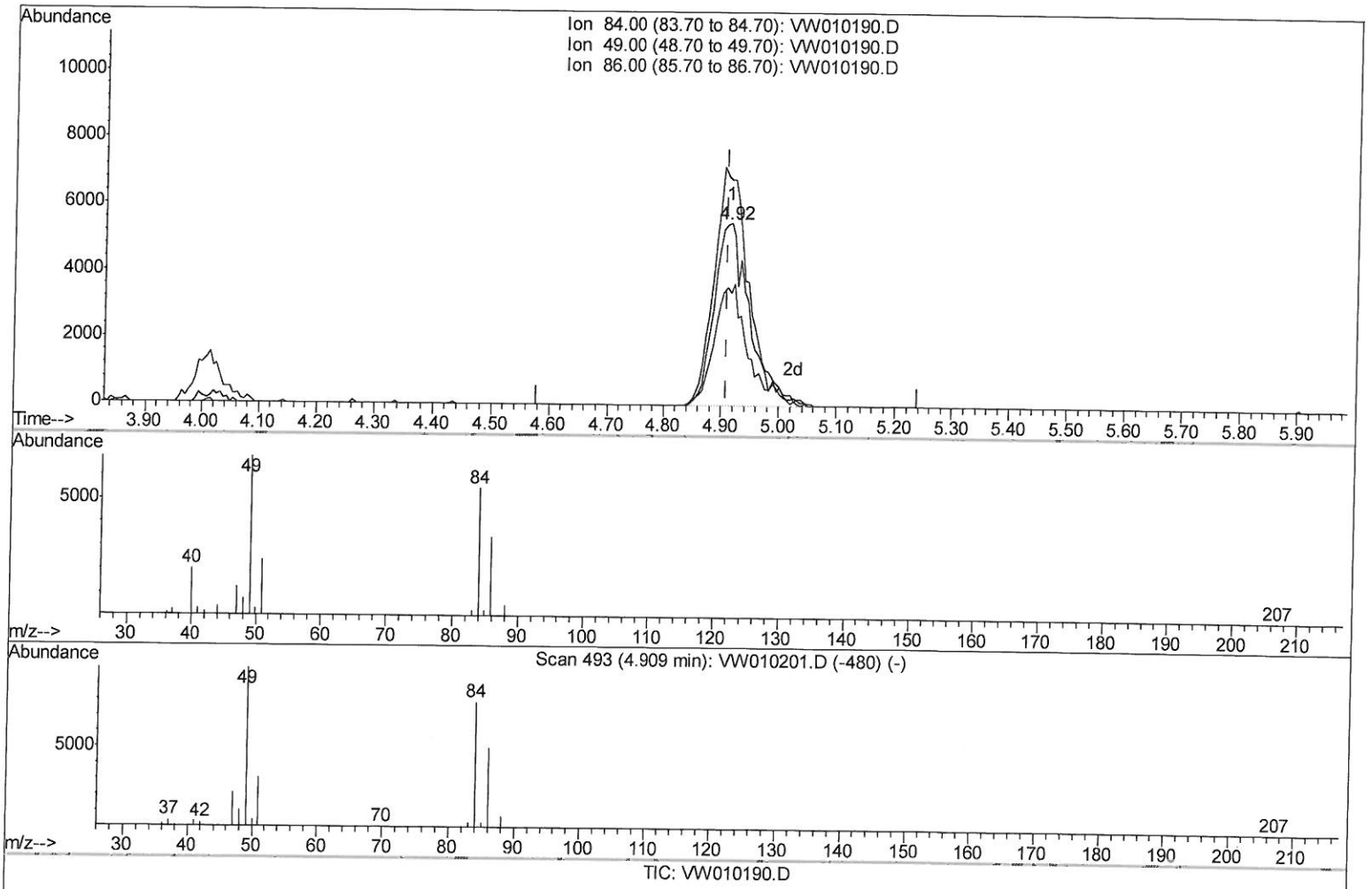
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BFH44

Manual Integrations APPROVED
MMDadoda
5/2/2019 1:07:16 PM



(16) Methylene chloride (T)

4.916min (+0.006) 2.49ug/L m 05/05/19 SY

response 23193

Ion	Exp%	Act%
84.00	100	100
49.00	128.90	123.69
86.00	66.20	62.25
0.00	0.00	0.00

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042919\
Data File : VW010190.D
Acq On : 29 Apr 2019 19:54
Operator : SY/VA
Sample : K2596-18
Misc : 5.01G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFH44

Manual Integrations APPROVED
MMDadoda
5/2/2019 1:07:16 PM

Quant Time: Apr 30 07:54:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 29 15:05:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	559918	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	523961	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	217779	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	100515	15.82	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 63.28%			
7) Chloroethane-d5	2.89	69	91330	17.54	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 70.16%			
10) 1,1-Dichloroethene-d2	4.01	63	173244	12.27	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 49.08%			
20) 2-Butanone-d5	7.07	46	98240	41.93	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 83.86%			
24) Chloroform-d	7.64	84	293189	20.21	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 80.84%			
26) 1,2-Dichloroethane-d4	8.30	65	172255	20.66	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 82.64%			
29) Benzene-d6	8.27	84	519989	18.43	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 73.72%			
33) 1,2-Dichloropropane-d6	9.27	67	178356	20.24	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 80.96%			
37) Toluene-d8	10.32	98	447854	17.46	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 69.84%			
38) trans-1,3-Dichloropropene-	10.58	79	65960	16.24	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 64.96%			
39) 2-Hexanone-d5	10.93	63	76822	41.47	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 82.94%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	173332	23.03	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 92.12%			
61) 1,2-Dichlorobenzene-d4	13.86	152	173191	21.41	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 85.64%			
Target Compounds						Qvalue
16) Methylene chloride	4.92	84	23193m	2.489	ug/L	

05/05/19 SY

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